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# MUSIC TECHNOLOGY BUYER'S GUIDE



Welcome to the 1998-1999 edition of the Music Technology Buyer's Guide. This year we've covered a remarkably wide range of musical equipment and software, from high-end digital recording systems to portable keyboards, and from software that helps kids learn to read music, to synthesizers that help performers play whatever is in their heads.

To help you compare similar products, we've pulled out the most critical specifications and presented them in chart form as "Vital Stats"; the remaining feature information is listed in paragraph form. We hope this allows you to pinpoint the products that suit your needs quickly, while still giving you the nitty-gritty details to make your buying decisions. We've also cross-referenced similar products as much as possible; look for the "Check this out, too," boxes at the bottom of charts in certain product categories.

If you know of a product by a particular manufacturer but aren't sure where it might be listed in the Music Technology Buyer's Guide, consult the Manufacturer Contact List on page 198. In addition to Web sites, email addresses, and toll-free phone numbers, the Contact List tells you in which categories each manufacturer's products are located.

To obtain more information about an instrument or product, contact the manufacturer and ask for brochures and demo programs or tapes – also ask for the name of the music retailer nearest you that carries the item. You can also use the Reader Service Card in the back of the magazine to obtain information about specific products that you see pictured. Reader Service numbers are located under manufacturer logos and product photographs throughout the magazine.

And speaking of the Web: The *Music Technology Buyer's Guide* will be available as a completely searchable online database as of November 1, 1998. In addition to regularly updated information on the latest products, *Music Technology Buyer's Guide Online* will offer how-to articles on recording, sequencing, sampling, and other musical topics. And as a reader of the *Music Technology Buyer's Guide*, you get free access to the Web site. See page 129 for details.

We hope that you find the *Music Technology Buyer's Guide* to be a useful reference throughout the year. Please let us know how we can improve it for you, both in print and on the Web, by contacting me at [editor@mtbg.com](mailto:editor@mtbg.com).

Ernie Rideout, Editor

HOW TO  
USE THIS  
GUIDE

# Contents

MUSIC TECHNOLOGY BUYER'S GUIDE • 1998-1999



## SYNTHESIZERS

SYNTHESIZERS, TONE MODULES, SOFTWARE SYNTHS.....	8
DIGITAL PIANOS, PIANO MODULES.....	18
PORTABLE KEYBOARDS.....	28
DIGITAL ORGANS, ORGAN MODULES.....	30



## MIDI CONTROLLERS

ALTERNATE MIDI CONTROLLERS.....	35
KEYBOARD CONTROLLERS.....	38
PROGRAMMABLE CONTROL DEVICES.....	41



## MIDI HARDWARE

MIDI SEQUENCERS.....	45
MIDI PROCESSORS.....	46
MIDI RETROFITS.....	48

## SAMPLERS

SAMPLERS.....	52
---------------	----

## SOUNDWARE

AUDIO SAMPLING CDS, CD-ROMs, & SYNTH PATCHES.....	58
---	----



## ELECTRONIC PERCUSSION

DRUM MACHINES.....	79
PERCUSSION CONTROLLERS.....	80
PERCUSSION SOUND MODULES.....	81
ELECTRONIC DRUMS AND DRUMSETS.....	81



## SIGNAL PROCESSORS

LESLIE SPEAKERS AND SIMULATORS.....	85
EFFECTS PROCESSORS.....	86
DYNAMICS PROCESSORS.....	92
EQUALIZERS.....	98



## AUDIO INTERFACES

AUDIO INTERFACES.....	105
SOUNDCARDS.....	109
AUDIO FORMAT CONVERTERS.....	111

# MUSIC TECHNOLOGY™ BUYER'S GUIDE



## RECORDING EQUIPMENT

MIXERS .....	113
DAT RECORDERS .....	121
COMPUTER-BASED MULTITRACK HARD DISK RECORDING SYSTEMS .....	121
STAND-ALONE MODULAR DIGITAL MULTITRACK RECORDERS .....	123
PERSONAL DIGITAL STUDIOS .....	124
CD-R RECORDERS .....	126
AUDIO PATCH BAYS .....	126
MONITORS and COMPUTER SPEAKERS .....	128
MICROPHONES .....	134
MIC PREAMPS, MIC POWER SUPPLIES .....	143



## SOFTWARE

DIGITAL AUDIO MULTITRACK RECORDING PROGRAMS .....	147
DIGITAL AUDIO PROCESSING SOFTWARE .....	151
PLUG-IN SOFTWARE FOR DIGITAL AUDIO .....	157
SEQUENCING SOFTWARE .....	161
MUSIC NOTATION SOFTWARE .....	163
EDUCATIONAL MUSIC SOFTWARE .....	165
EDITOR/LIBRARIAN SOFTWARE .....	170
MIDI FILES .....	172
MISCELLANEOUS SOFTWARE .....	173

## AMPLIFIERS

COMBO AMPS .....	175
POWER AMPS .....	176

## ACCESSORIES

STUDIO FURNITURE (CASES, COVERS, BAGS, RACKS) .....	185
ACOUSTIC TREATMENT MATERIALS .....	188
POWER DISTRIBUTORS .....	189
FOOT PEDALS AND FOOT SWITCHES .....	192



## MANUFACTURER CONTACT LIST AND INDEX ..... 198

## CLASSIFIED ADS ..... 207

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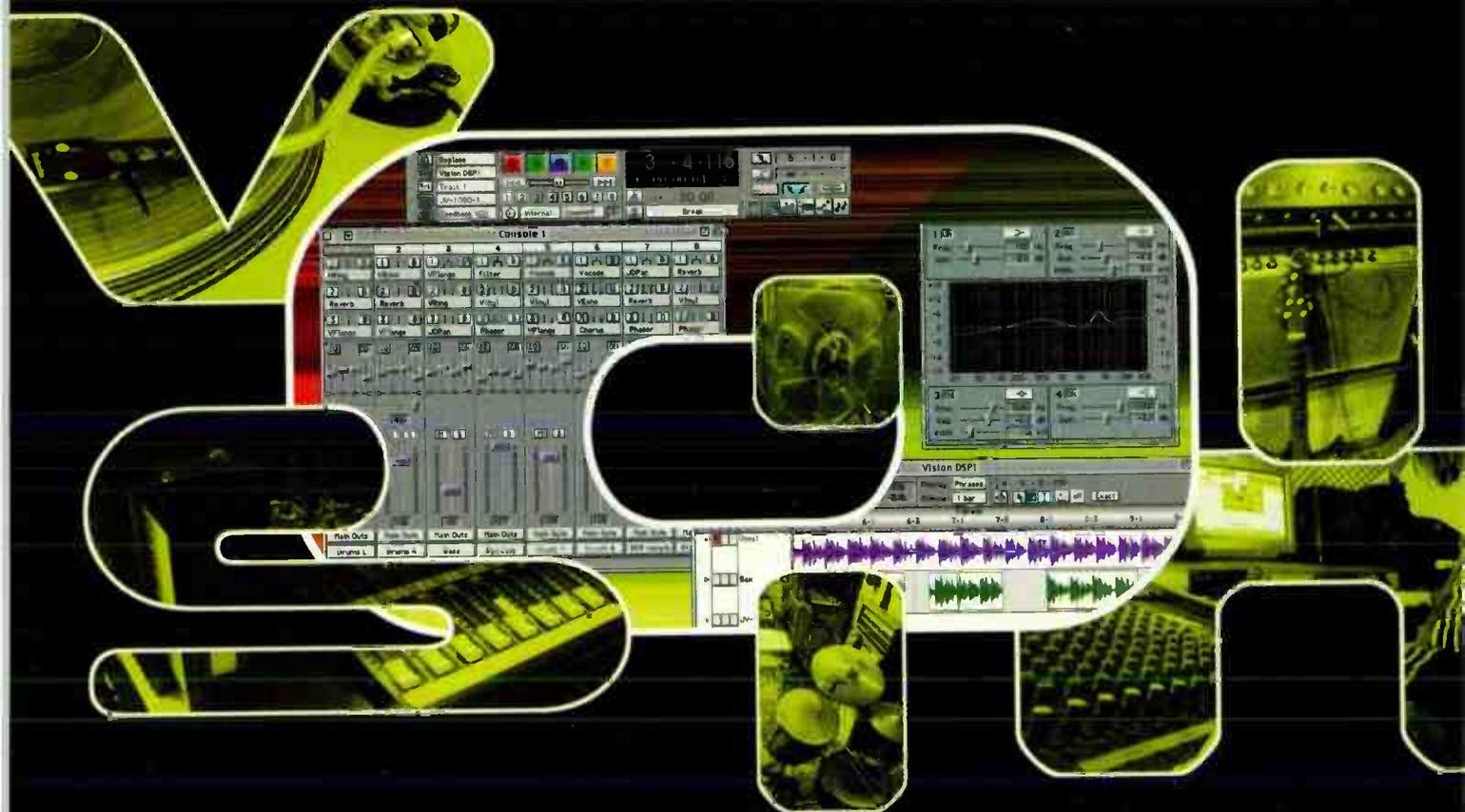
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World Radio History

# Synthesizers



This chapter consists of four distinct sections. The first section, **Synthesizers** (beginning on the next page), has an emphasis on instruments that offer a fair amount of programmability with their sounds. Here you'll find the current crop of sample-playback synths and sound modules, but also quite a selection of new and unusual instruments: analog-sounding DSP modeling synths for dance music, custom modular systems, software synths that exist only on a computer's hard drive, palm-sized synth modules, and other synthesist's delights. There are two charts in this section, one for synths and one for software synths.

The second section, **Digital Pianos** (page 18), deals with instruments that are primarily designed to replicate the sound and/or feel of a real piano. The models represented here range from home-oriented, self-contained keyboards with built-in amplification systems, auto-accompaniment features, and color options to those designed for stage use. Nearly all have 88-note weighted-action keyboards, with the exception of the sound modules, of course. Some may have extensive synthesis or sampling abilities, and may be cross-referenced in the **Synthesizers** section of the **Samplers** chapter.

**Portable Keyboards** and **Auto-Arrange Modules** are the subject of the third section (page 28). These instruments generally have built-in sound systems, 61-note keyboards, and auto-arrange features. Some are modules that work with external MIDI controllers. Some may have extensive sequencing features, and may be cross-referenced in the **MIDI Sequencer** or **Drum Machine** sections as well.

The fourth and final section in this chapter, **Digital Organs** (page 30), will tell you all about instruments that emulate the ever-popular Hammond organs, as well as a few that are designed to imitate pipe organs. Some are small sound modules that fit on top of a keyboard controller, others are self-contained instruments with built-in keyboards, still others are full-size consoles. They all aspire to provide you with realistic organ sounds and controls, and some even spare you the excessive weight.

SYNTHESIZERS,  
TONE MODULES,  
SOFTWARE SYNTHS

DIGITAL PIANOS

PORTABLE  
KEYBOARDS

DIGITAL ORGANS,  
ORGAN MODULES

# Vital Stats: Synthesizers

See listings on page 12.

MODEL	DESCRIPTION	KEYBOARD	SYNTHESIS TYPES	POLYPHONY & PARTS	EXPANSION OPTIONS	SEQUENCER	MSRP
<b>Alesis NanoBass</b>	Rackmount synth.		Sample playback	64-voice polyphony. 1 part.			\$299
<b>Alesis NanoPiano</b>	Rackmount synth.		Sample playback	64-voice polyphony. 1 part			\$399
<b>Alesis NanoSynth</b>	Rackmount synth.		Sample playback	64-voice polyphony. 16 multitimbral parts.			\$449
<b>Alesis QS6.1</b>	Keyboard synthesizer.	61 keys, synth action.	Sample playback	64-voice polyphony. 16 multitimbral parts.	PCMCIA card, expansion board, flash RAM.		\$999
<b>Alesis QS7</b>	Keyboard synthesizer.	76 keys, weighted synth action.	Sample playback.	64-voice polyphony. 16 multitimbral parts.	PCMCIA card expansion board, flash RAM.		\$1,299
<b>Alesis QS8</b>	Keyboard synthesizer.	88 keys, weighted action.	Sample playback.	64-voice polyphony. 16 multitimbral parts.	PCMCIA card, expansion board, flash RAM.		\$1,999
<b>Alesis QSR</b>	Rackmount synth.		Sample playback.	64-voice polyphony. 16 multitimbral parts.	PCMCIA card, expansion board, flash RAM.		\$899
<b>Big Briar Etherwave Theremin</b>	Theremin.		Analog.				\$369; kit \$299
<b>Clavia Nord Lead 2</b>	Keyboard synthesizer.	49 keys, synth action.	DSP modeling.	16-voice polyphony. 4 multitimbral parts.	PCMCIA card.		\$2,195
<b>Clavia Nord Rack 2</b>	Rackmount synth.		DSP modeling.	16-voice polyphony. 4 multitimbral parts.	PCMCIA card.		\$1,665
<b>Doepfer Musikelektronik A-100</b>	Modular analog synthesizer.		Analog.				Price depends on config.
<b>Edirol Roland Sound Canvas SC-55 ST</b>	Tabletop sound module.		Sample playback, digital.	28-voice polyphony. 16 multitimbral parts.			\$298
<b>Edirol Roland Sound Canvas SC-88 Pro</b>	Tabletop sound module.		Sample playback, digital.	64-voice polyphony. 32 multitimbral parts.			\$798
<b>Edirol Roland Sound Canvas SC-88ST</b>	Tabletop sound module.		Sample playback, digital.	64-voice polyphony. 32 multitimbral parts.			\$398
<b>Edirol Roland Sound Canvas SC-88STPro</b>	Tabletop sound module.		Sample playback, digital.	64-voice polyphony. 32 multitimbral parts.			\$568
<b>Edirol Roland Sound Canvas SC-88VL</b>	Tabletop sound module.		Sample playback, digital.	64-voice polyphony. 32 multitimbral parts.			\$498
<b>Edirol Roland Sound Canvas SK-50</b>	Keyboard synthesizer.	61 keys, synth action.	Sample playback, digital.	28-voice polyphony. 16 multitimbral parts.			\$598
<b>Edirol Roland Sound Canvas SK-88 Pro</b>	Keyboard synthesizer.		Sample playback, digital.	64-voice polyphony. 32 multitimbral parts.			\$898
<b>Ensoniq ZR-76</b>	Keyboard synthesizer.	76 keys, weighted synth action.	Sample playback.	64-voice polyphony. 16 multitimbral parts.	Expansion board, flash RAM.	16 tracks, 384 ppq resolution.	\$2,795
<b>Farfisa 7-XII Realtime Arranger</b>	Tabletop sound module.		Sample playback.	24-voice polyphony. 32 multitimbral parts.		16 tracks, 480 ppq resolution, cut/copy/paste editing, and 3.5" disk drive included.	\$1,995.95

MODEL	DESCRIPTION	KEYBOARD	SYNTHESIS TYPES	POLYPHONY & PARTS	EXPANSION OPTIONS	SEQUENCER	MSRP
<b>Generalmusic Equinox 61</b>	Keyboard synthesizer.	61 keys, synth action.	Sample playback.	64-voice polyphony. 32 multitimbral parts.	Expansion board, flash RAM, floppy or CD-ROM, and sample RAM.	16 tracks, 192 ppq resolution, cut/copy/paste editing, 3.5" disk drive included.	\$1,995
<b>Generalmusic Equinox 76</b>	Keyboard synthesizer.	76 keys, weighted synth action.	Sample playback.	64-voice polyphony. 32 multitimbral parts.	Expansion board, flash RAM, floppy or CD-ROM, sample RAM.	16 tracks, 192 ppq resolution, cut/copy/paste editing, 3.5" disk drive included.	\$2,195
<b>Generalmusic SK76</b>	Keyboard synthesizer.	76 keys, weighted synth action.	Sample playback.	64-voice polyphony. 32 multitimbral parts.	Flash RAM, floppy or CD-ROM, sample RAM.	32 tracks, 192 ppq resolution, cut/copy/paste editing, 3.5" disk drive included.	\$2,650
<b>Generalmusic SK88</b>	Keyboard synthesizer.	88 keys, weighted action.	Sample playback.	64-voice polyphony. 32 multitimbral parts.	Flash RAM, floppy or CD-ROM, sample RAM.	32 tracks, 192 ppq resolution, cut/copy/paste editing, 3.5" disk drive included.	\$2,995
<b>Kawai ACR-20</b>	Tabletop sound module.		Sample playback.	28-voice polyphony. 16 multitimbral parts.		16 tracks, 92 ppq resolution, 3.5" disk drive included.	\$1,398
<b>Kawai DRP-10</b>	Tabletop sound module.		Sample playback.	28-voice polyphony. 16 multitimbral parts.		16 tracks, 92 ppq resolution, 3.5" disk drive included.	\$1,099
<b>Kawai K5000R</b>	Rackmount synth.		Additive.	32-voice polyphony. 4 multitimbral parts.			\$1,299
<b>Kawai K5000S</b>	Keyboard synthesizer.	61 keys, weighted action.	Additive.	32-voice polyphony. 4 multitimbral parts.			\$1,745
<b>Kawai K5000W</b>	Keyboard synthesizer.	61 keys, weighted synth action.	Sample playback, additive.	64-voice polyphony. 32 multitimbral parts.		40 tracks, 96 ppq resolution, 3.5" disk drive included.	\$2,395
<b>Korg N1</b>	Keyboard synthesizer.	88 keys, weighted action.	Sample playback.	64-voice polyphony. 32 multitimbral parts.			\$2,099
<b>Korg N1R</b>	Rackmount synth.		Sample playback.	64-voice polyphony. 32 multitimbral parts.			\$850
<b>Korg N5</b>	Keyboard synthesizer.	49 keys, synth action.	Sample playback.	64-voice polyphony.			\$1,099
<b>Korg N264</b>	Keyboard synthesizer.	76 keys, synth action.	Sample playback.	64-voice polyphony. 16 multitimbral parts.		16 tracks, 192 ppq resolution, cut/copy/paste editing, 3.5" disk drive included.	\$2,400
<b>Korg N364</b>	Keyboard synthesizer.	61 keys, synth action.	Sample playback.	64-voice polyphony.		16 tracks, 192 ppq resolution, cut/copy/paste editing, 3.5" disk drive included.	\$1,900
<b>Korg SG Pro X</b>	Keyboard synthesizer.	88 keys, weighted action.	Sample playback.	64-voice polyphony. 1 multitimbral part.			\$2,600
<b>Korg SG Rack</b>	Rackmount synth.		Sample playback.	64-voice polyphony. 1 multitimbral part.			\$899
<b>Korg TR Rack</b>	Rackmount synth.		DSP modeling.	32-voice polyphony. 16 multitimbral parts.			\$1,399
<b>Korg Trinity</b>	Keyboard synthesizer.	61 keys, synth action.	Sample playback.	32-voice polyphony. 16 multitimbral parts.	Expansion board, flash RAM, and floppy or CD-ROM.	16 tracks, 192 ppq resolution, cut/copy/paste editing, and 3.5" disk drive included.	\$2,800
<b>Korg Trinity V3</b>	Keyboard synthesizer.	61 keys, synth action.	Sample playback, DSP modeling, and analog.	38-voice polyphony. 16 multitimbral parts.	Flash RAM and floppy or CD-ROM.	16 tracks, 192 ppq resolution, cut/copy/paste editing, and 3.5" disk drive included.	\$3,550
<b>Korg Trinity V3 Pro</b>	Keyboard synthesizer.	76 keys, synth action.	Sample playback, DSP modeling, and analog.	38-voice polyphony. 16 multitimbral parts.	Flash RAM and floppy or CD-ROM.	16 tracks, 192 ppq resolution, cut/copy/paste editing, and 3.5" disk drive included.	\$4,350
<b>Korg Trinity V3 Pro X</b>	Keyboard synthesizer.	88 keys, weighted action.	Sample playback, DSP modeling, and analog.	38-voice polyphony. 16 multitimbral parts.	Flash RAM and floppy or CD-ROM.	16 tracks, 192 ppq resolution, cut/copy/paste editing, and 3.5" disk drive included.	\$5,200
<b>Korg Z1</b>	Keyboard synthesizer.	61 keys, synth action.	DSP modelling and analog.	12-voice polyphony. 6 multitimbral parts.	PCMCIA card.		\$2,600
<b>Kurzweil K2vx</b>	Keyboard synthesizer.	61 keys, synth action.	Sample playback, digital, and V.A.S.T.	24-voice polyphony. 16 multitimbral parts.	Sample RAM and floppy or CD-ROM.	32 tracks, 768 ppq resolution, cut/copy/paste editing, and 3.5" disk drive included.	\$3,495

MODEL	DESCRIPTION	KEYBOARD	SYNTHESIS TYPES	POLYPHONY & PARTS	EXPANSION OPTIONS	SEQUENCER	MSRP
<b>Kurzweil K2000RVP</b>	Rackmount synth.		Sample playback, digital, and V.A.S.T.	24-voice polyphony, 16 multitimbral parts.	Expansion board, floppy or CD-ROM, and sample RAM.	32 tracks and 768 ppq resolution.	\$1,795
<b>Kurzweil K2000VP</b>	Keyboard synthesizer.	61 keys, synth action.	Sample playback, digital, and V.A.S.T.	24-voice polyphony, 16 multitimbral parts.	Expansion board, floppy or CD-ROM, and sample RAM.	32 tracks, 768 ppq resolution, cut/copy/paste editing, and 3.5" disk drive included.	\$1,995
<b>Kurzweil K2500</b>	Keyboard synthesizer.	76 keys, weighted synth action.	Sample playback, digital, and V.A.S.T.	48-voice polyphony, 16 multitimbral parts.	Expansion board, floppy or CD-ROM, and sample RAM.	32 tracks and 768 ppq resolution.	\$5,260
<b>Kurzweil K2500R</b>	Rackmount synth.		Sample playback, digital, and V.A.S.T.	48-voice polyphony, 16 multitimbral parts.	Expansion board, floppy or CD-ROM, and sample RAM.	32 tracks, 768 ppq resolution, cut/copy/paste editing, and 3.5" disk drive included.	\$4,175
<b>Kurzweil K2500X</b>	Keyboard synthesizer.	88 keys, weighted action.	Sample playback, digital, and V.A.S.T.	48-voice polyphony, 16 multitimbral parts.	Expansion board, floppy or CD-ROM, and sample RAM.	32 tracks, 768 ppq resolution, cut/copy/paste editing, and 3.5" disk drive included.	\$5,820
<b>MidiArt GS-1000R</b>	Tabletop sound module.		Sample playback.	24-voice polyphony, 16 multitimbral parts.		256 tracks, 480 ppq resolution, and cut/copy/paste editing.	\$299.95
<b>Music Industries EZ MIDI EM-100</b>	Tabletop sound module.		Sample playback.	24-voice polyphony, 16 multitimbral parts.			\$199.95
<b>Novation Super Bass Station</b>	Rackmount synth.		Analog.	1-voice polyphony.			\$799
<b>Novation Supernova (16-voice model)</b>	Rackmount synth.		DSP modeling.	16-voice polyphony, 8 multitimbral parts.			\$2,499
<b>Novation Supernova (32-voice model)</b>	Rackmount synth.		DSP modeling.	32-voice polyphony, 8 multitimbral parts.			\$3,299
<b>Oberheim Matrix 1000</b>	Rackmount synth.		Analog.	6-voice polyphony.			\$879
<b>Peavey Spectrum Bass II</b>	Rackmount synth.		Sample playback.	24-voice polyphony, 6 multitimbral parts.			\$399.99
<b>Peavey Spectrum Organ</b>	Rackmount synth.		Sample playback.	32-voice polyphony, 4 multitimbral parts.			\$399.99
<b>Peavey Spectrum Synth</b>	Rackmount synth.		Sample playback.	24-voice polyphony, 6 multitimbral parts.			\$399.99
<b>Roland JP-8000</b>	Keyboard synthesizer.	49 keys, synth action.	DSP modeling.	8-voice polyphony, 2 multitimbral parts.			\$1,695
<b>Roland JP-8080</b>	Rackmount synth.		DSP modeling.	10-voice polyphony, 2 multitimbral parts.	PCMCIA card.		\$1,595
<b>Roland JV-1080</b>	Rackmount synth.		Sample playback.	64-voice polyphony, 16 multitimbral parts.	Expansion board.		\$1,395
<b>Roland JV-2080</b>	Rackmount synth.		Sample playback.	64-voice polyphony, 16 multitimbral parts.	Expansion board.		\$1,995
<b>Roland JX-305</b>	Keyboard synthesizer.	61 keys, synth action.	Sample playback.	64-voice polyphony, 24 multitimbral parts.	PCMCIA card.	8 tracks, 96 ppq resolution, and cut/copy/paste editing.	\$1,495
<b>Roland PMA-5</b>	Tabletop sound module.	25 keys, pen input.	Sample playback.	28-voice polyphony, 16 multitimbral parts.		8 tracks, 96 ppq resolution, and cut/copy/paste editing.	\$495
<b>Roland SC-880</b>	Rackmount synth.		Sample playback.	64-voice polyphony, 32 multitimbral parts.			\$1,095
<b>Roland XP-10</b>	Keyboard synthesizer.	61 keys, synth action.	Sample playback.	28-voice polyphony, 16 multitimbral parts.			\$895

MODEL	DESCRIPTION	KEYBOARD	SYNTHESIS TYPES	POLYPHONY & PARTS	EXPANSION OPTIONS	SEQUENCER	MSRP
<b>Roland XP-60</b>	Keyboard synthesizer.	61 keys, weighted synth action.	Sample playback.	64-voice polyphony. 16 multitimbral parts.	Expansion board.	16 tracks, 96 ppq resolution, cut/copy/paste editing, and 3.5" disk drive included.	\$1,995
<b>Roland XP-80</b>	Keyboard synthesizer.	76 keys, weighted synth action.	Sample playback.	64-voice polyphony. 16 multitimbral parts.	Expansion board.	16 tracks, 96 ppq resolution, cut/copy/paste editing, and 3.5" disk drive included.	\$2,495
<b>Voce Electric Piano</b>	Rackmount synth.		Additive.	32-voice polyphony. 3 multitimbral parts.			\$599
<b>Wavefront Travel Case Theremin</b>	Theremin.		Analog.				\$625
<b>Wavefront Classic Theremin</b>	Theremin.		Analog.				\$1,175
<b>Yamaha CS1X</b>	Keyboard synthesizer.	61 keys, synth action.	Sample playback.	32-voice polyphony. 16 multitimbral parts.			\$799.95
<b>Yamaha EX5</b>	Keyboard synthesizer.	76 keys, synth action.	Sample playback and DSP modeling.	10-voice polyphony. 2 multitimbral parts.		16 tracks.	\$2,695
<b>Yamaha EX5R</b>	Rackmount synth.		Sample playback, DSP modeling, and analog.	128-voice polyphony. 16 multitimbral parts.	Flash RAM, floppy or CD-ROM, and sample RAM.	16 tracks, 480 ppq resolution, cut/copy/paste editing, and 3.5" disk drive included.	\$2,195
<b>Yamaha EX7</b>	Keyboard synthesizer.	61 keys, synth action.	Sample playback, DSP modeling, and analog.	64-voice polyphony. 16 multitimbral parts.	Expansion board, flash RAM, floppy or CD-ROM, and sample RAM.	16 tracks, 480 ppq resolution, cut/copy/paste editing, and 3.5" disk drive included.	\$2,195
<b>Yamaha MU5</b>			Sample playback.	28-voice polyphony. 16 multitimbral parts.			\$299.95
<b>Yamaha MU50</b>	Tabletop sound module.		Sample playback.	64-voice polyphony. 32 multitimbral parts.			\$449.95
<b>Yamaha MU90</b>	Tabletop sound module.		Sample playback.	64-voice polyphony. 32 multitimbral parts.			\$599.95
<b>Yamaha MU90R</b>	Rackmount synth.		Sample playback.	64-voice polyphony. 32 multitimbral parts.			\$699.95
<b>Yamaha MU100</b>	Rackmount synth.		Sample playback.	64-voice polyphony. 32 multitimbral parts.			\$849.95
<b>Yamaha MU100R</b>	Rackmount synth.		Sample playback and DSP modeling.	64-voice polyphony. 32 multitimbral parts.			\$1,195
<b>Yamaha MU128</b>	Rackmount synth.		Sample playback.	128-voice polyphony. 64 multitimbral parts.	Expansion board.		\$1,295
<b>Yamaha VL70M</b>	Tabletop sound module.		DSP modeling.	1-voice polyphony.			\$799.95

*Check these out, too!* Organs (page 30): Music Industries OX-7; Voce Micro BII, V3, and V5. Sequencers (page 46): Kawai DRP-10; Roland MC-505 and MC-303.

CHECK OUT OUR WEBSITE  
www.mtbg.com

# Vital Stats: Software Synthesizers

See listings below.

MODEL	DESCRIPTION	SYNTHESIS TYPES	POLYPHONY & PARTS	MSRP
BitHeadz Retro AS-1	Windows/Mac software synth.	Analog.	32-voice polyphony. 16 multitimbral parts.	\$259
BitHeadz Unity DS-1	Mac software synth.	Sample playback, DSP modeling, digital.	32-voice polyphony. 16 multitimbral parts.	\$319
CreamWare Pulsar	Windows software synth.	Sample playback, DSP modeling, analog, digital.	128-voice polyphony.	\$1,298
CreamWare Scope	Windows/Mac software synth.	Sample playback, DSP modeling, analog, digital.	128-voice polyphony.	\$6,500
Edirol Roland VSC-88H	Windows/Mac software synth.	Sample playback, digital.	128-voice polyphony. 16	\$59
Edirol Roland VSC-550W	Windows software synth.	Sample playback, digital.	128-voice polyphony. 16	\$49
Seer Systems Reality	Windows software synth.	Sample playback, DSP modeling.	128-voice polyphony. 16	\$495
Software Technology Vaz	Windows software synth.	Sample playback, DSP modeling.		Starting
Steinberg ReBirth 2.0	Windows/Windows NT/	Sample playback and DSP	22-voice polyphony. 1	\$199
The Karnataka Group Audio Architect	Windows software synth.	Sample playback, analog, and digital.	1-voice polyphony.	\$150

## Synthesizers

See chart above and on page 8.

ALESIS

# ALESIS

### NanoBass

**FEATURES** Receives velocity, release velocity, channel aftertouch. 256 programs. User programmable. Built-in multi-effects.

**DIMENSIONS** 1/3 rackspace. 1.25 lbs.

### NanoPiano

**FEATURES** Receives velocity, release velocity, channel aftertouch. 256 programs. User programmable. Built-in multi-effects.

**DIMENSIONS** 1/3 rackspace. 1.25 lbs.

### NanoSynth

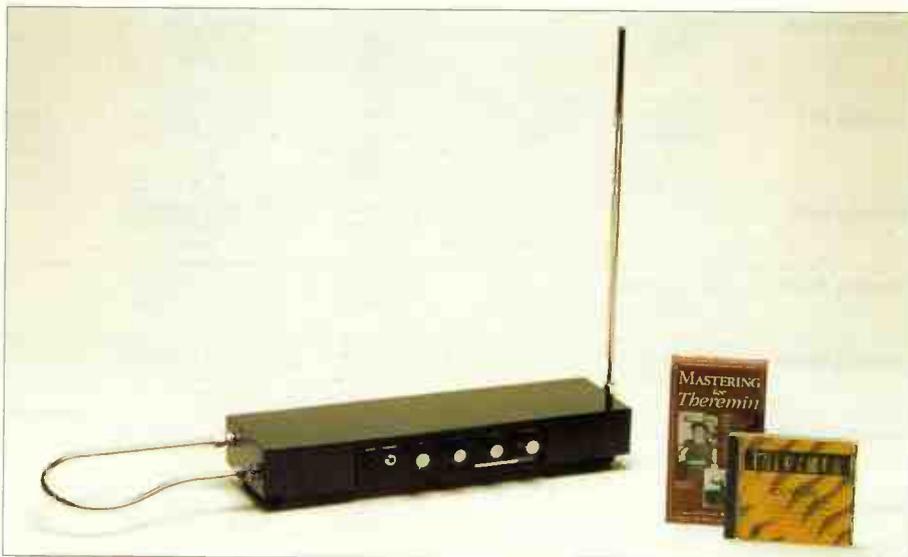
**FEATURES** Receives velocity, release velocity, channel aftertouch. 256 programs. User programmable. Built-in multi-effects. General MIDI compatible. Built-in Mac/PC serial interface.

**DIMENSIONS** 1/3 rackspace. 1.25 lbs.

### Q58

**FEATURES** 16 internal zones. 16 external zones. Transmits and receives velocity, channel aftertouch, release velocity. Programmable wheels and sliders. 640 single programs. 500 multitimbral programs. User programmable. User programs savable. Built-in multi-effects. Includes music software on CD-ROM. 16Mb waveform ROM expandable to 32Mb with optional PCMCIA cards, play up to 50 sequences from cards. ADAT digital output.

**DIMENSIONS** 49.75" W x 16" D x 4" H. 60 lbs.



BigBriar Etherwave

Reader Service No. 101

### Q56.1

**FEATURES** 16 internal zones. 16 external zones. Transmits velocity, release velocity, and channel aftertouch. Receives velocity, release velocity, and channel aftertouch. Programmable wheels and sliders. General MIDI compatible. Built-in Mac/PC serial port. 512 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 36" W x 11.5" D x 3.5" H. 19 lbs.

### Q57

**FEATURES** Transmits and receives velocity, channel aftertouch, release velocity. Programmable wheels and sliders. General MIDI com-

patible. Built-in Mac/PC serial interface. 512 ROM programs. User programmable. User programs savable. Built-in multi-effects. Includes music software on CD-ROM. 16Mb waveform ROM expandable to 32Mb with optional PCMCIA cards, play up to 50 sequences from cards. ADAT digital output.

**DIMENSIONS** 44.25" W x 11.5" D x 3.5" H. 19 lbs.

### QSR

**FEATURES** General MIDI compatible. Built-in Mac/PC serial interface. 64-voice polyphony. 16-part multitimbral. 640 single programs. 500 multitimbral programs. User programmable. User programs savable. Built-in multi-effects. Includes music software on CD-ROM. 16Mb waveform ROM expandable to 32Mb with optional PCMCIA cards, play up to 50 sequences from cards. ADAT digital output.

**DIMENSIONS** 1U rackmount. 4.5 lbs.

## BIG BRIAR

### Etherwave Theremin

**FEATURES** Comes with audio CD and instructional video, plus photo-history booklet and hot-rodding instructions.

**DIMENSIONS** 13" H x 8" W x 6" D. 7 lbs.

## BITHEADZ

### Retro AS-1

**FEATURES** Receives velocity, channel aftertouch, and polyphonic aftertouch. 999 ROM programs. User-programmable. User programs savable. Built-in multi-effects.



Alesis Q56.1

Reader Service No. 100

**Unity DS-1**

**FEATURES** Receives velocity, channel aftertouch, and polyphonic aftertouch. General MIDI compatible. 999 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**CLAVIA**

**nord lead**  
virtual analog

Reader Service No. 103

**Nord Lead 2**

**FEATURES** 2 internal zones, 2 external zones. Transmits velocity and release velocity. Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. Programmable wheels and joystick/pitch stick. 99 ROM programs. User-programmable. User programs savable.

**DIMENSIONS** 34" W x 10.4" D x 4.1" H. 14.7 lbs.

**Nord Rack 2**

**FEATURES** 2 internal zones. Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. 99 ROM programs. User-programmable. User programs savable.

**DIMENSIONS** 4U rackmount.

**CREAMWARE****Pulsar**

**FEATURES** Transmits velocity, release velocity, channel aftertouch, and polyphonic aftertouch. Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. Programmable wheels, sliders, buttons, ribbon, and joystick/pitch stick. General MIDI compatible. User-programmable. User programs savable. Built-in multi-effects.

**Scope**

**FEATURES** Transmits velocity, release velocity, channel aftertouch, and polyphonic aftertouch. Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. Wheels, sliders, buttons, ribbon, and joystick/pitch stick are programmable. User programs savable. Built-in multi-effects.

**DOEPFER MUSIK ELEKTRONIK****A-100**

**FEATURES** Receives velocity.

**DIMENSIONS** 6U rackmount.

**EDIROL****Roland Sound Canvas SC-55ST**

**FEATURES** Receives velocity and channel aftertouch. General MIDI compatible. Built-in Mac/PC serial port. 354 ROM programs. Built-in multi-effects.

**DIMENSIONS** 8-1/2" W x 10" D x 2" H. 2 lbs., 10 oz.

**Roland Sound Canvas SC-88 Pro**

**FEATURES** Receives velocity and channel aftertouch. General MIDI compatible. Built-in Mac/PC serial port. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 8-1/2" W x 10" D x 2" H. 5 lbs., 12 oz.

**Roland Sound Canvas SC-88ST**

**FEATURES** Receives velocity and channel aftertouch. General MIDI compatible. Built-in Mac/PC serial port. 654 ROM programs. Built-in multi-effects.

**DIMENSIONS** 8-1/2" W x 10" D x 2" H. 2 lbs., 14 oz.

**Roland Sound Canvas SC-88ST Pro**

**FEATURES** Receives velocity and channel aftertouch. General MIDI compatible. Built-in Mac/PC serial port. Built-in multi-effects.

**DIMENSIONS** 8-1/2" W x 10" D x 2" H. 2 lbs., 14 oz.

**Roland Sound Canvas SC-88VL**

**FEATURES** Receives velocity and channel aftertouch. General MIDI compatible. Built-in Mac/PC serial port. 654 ROM programs. User-programmable. Built-in multi-effects.

**DIMENSIONS** 8-1/2" W x 10" D x 2" H. 3 lbs., 2 oz.

**Roland Sound Canvas SK-50**

**FEATURES** Transmits velocity. Receives velocity and channel aftertouch. General MIDI compatible. Built-in Mac/PC serial port. 226 ROM programs. Built-in multi-effects.

**DIMENSIONS** 37" W x 14" D x 4" H. 16 lbs.

**CreamWare Scope**

Reader Service No. 119

**Roland Sound Canvas SK-88 Pro**

**FEATURES** Transmits velocity and channel aftertouch. Receives velocity and channel aftertouch. Programmable wheels, sliders, and joystick/pitch stick. General MIDI compatible. Built-in Mac/PC serial port. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 26-1/4" W x 9-1/4" D x 3-11/16" H. 9 lbs., 1 oz.

**Roland VSC-88H**

**FEATURES** Receives velocity. 546 ROM programs. Built-in multi-effects.

**Roland VSC-550W**

**FEATURES** Receives velocity. General MIDI compatible. 226 ROM programs. Built-in multi-effects.

**ENSONIQ****ZR-76**

**FEATURES** 3 internal zones, 3 external zones. Transmits velocity and channel aftertouch. Receives velocity and channel aftertouch. Programmable wheels and buttons. General MIDI compatible. 468 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 50-1/2" W x 15-5/8" D x 5" H. 51 lbs.

**GENERALMUSIC****Equinox 61**

**FEATURES** 16 internal zones, 16 external zones. Transmits velocity, release velocity, and channel aftertouch. Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. Programmable wheels, sliders, and buttons. General MIDI compatible. 1,337 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 41.5" W x 14" D x 5" H. 30 lbs.

**Equinox 76**

**FEATURES** 16 internal zones, 16 external zones. Transmits velocity, release velocity, and channel aftertouch. Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. Programmable wheels, sliders, and buttons. General MIDI compatible. Built-in Mac/PC serial port. 1,337 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 55.5" W x 14" D x 5" H. 35 lbs.

**Korg Z1**

Reader Service No. 104

**Korg Trinity V3**

Reader Service No. 105

**K5000W**

**FEATURES** 4 internal zones, 1 external zone. Transmits velocity and channel aftertouch. Receives velocity and channel aftertouch. Programmable wheels and buttons. General MIDI compatible. 384 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 4.11" W x 12.6" D x 3.9" H. 29 lbs.

KORG

# KORG USA INC.

**N1**

**FEATURES** 32 internal zones, 32 external zones. Transmits velocity and channel aftertouch. Receives velocity and channel aftertouch. General MIDI compatible. Built-in Mac/PC serial port. 1,169 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 52" W x 15.5" D x 5.5" H. 52.47 lbs.

**N1R**

**FEATURES** 32 internal zones. Receives velocity and channel aftertouch. General MIDI compatible. Built-in Mac/PC serial port. 116 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 1U rackmount. 6 lbs.

**N5**

**FEATURES** 32 internal zones, 32 external zones. Transmits velocity and channel aftertouch. Receives velocity and channel aftertouch. wheels are programmable. General MIDI compatible. Built-in Mac/PC serial port. 1,169 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 40.6" W x 11.8" D x 3.4" H. 14.3 lbs.

**N264**

**FEATURES** 16 internal zones, 16 external zones. Transmits velocity and channel aftertouch. Receives velocity and channel aftertouch. Programmable sliders and joystick/pitch stick. General MIDI compatible. 336 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 50.7" W x 13.3" D x 4.2" H. 28 lbs.

**N364**

**FEATURES** 16 internal zones, 16 external zones. Transmits velocity and channel aftertouch. Receives velocity and channel aftertouch. Programmable sliders and joystick/pitch stick. General MIDI compatible. 336 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 42.4" W x 13.3" D x 4.2" H. 24 lbs.

**SG Pro X**

**FEATURES** 2 internal zones, 10 external zones. Transmits velocity and channel aftertouch. Receives velocity and channel aftertouch. Wheels, sliders, and buttons are programmable. 64 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 52" W x 15.4" D x 5.5" H. 53.13 lbs.

**SG Rack**

**FEATURES** 2 internal zones. Receives velocity and channel aftertouch. 64 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 1U rackmount. 6.2 lbs.

**TR-Rack**

**FEATURES** 16 internal zones. Receives velocity and channel aftertouch. Built-in Mac/PC serial port. 512 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 1U rackmount. 6.2 lbs.

**Trinity**

**FEATURES** 16 internal zones, 16 external zones. Transmits velocity and channel aftertouch. Receives velocity, channel aftertouch, and polyphonic aftertouch. Sliders, buttons, ribbon, and joystick/pitch stick are programmable. 256 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 42.9" W x 13.7" D x 5" H. 30.97 lbs.

**Trinity V3**

**FEATURES** 16 internal zones, 16 external zones. Transmits velocity and channel aftertouch. Receives velocity, channel aftertouch, and polyphonic aftertouch. Sliders, buttons, ribbon, and joystick/pitch stick are programmable. 320 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 42.9" W x 13.7" D x 5" H. 31.42 lbs.

**Trinity V3 Pro**

**FEATURES** 16 internal zones, 16 external zones. Transmits velocity and channel aftertouch. Receives velocity, channel aftertouch, and polyphonic aftertouch. Sliders, buttons, ribbon, and joystick/pitch stick are programmable. 320 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**Kurzweil K2000VP**

Reader Service No. 109

**Kurzweil K2500X**

Reader Service No. 107

**Kurzweil K2VX**

Reader Service No. 110

# Get a high-performance recording mic without a high-end budget.

Shown: SM81 microphone

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READER SERVICE NO. 6

World Radio History

**DIMENSIONS** 51.1" W x 13.7" D x 5" H. 37.59 lbs.

### Trinity V3 Pro X

**FEATURES** 16 internal zones, 16 external zones. Transmits velocity and channel aftertouch. Receives velocity, channel aftertouch, and polyphonic aftertouch. Sliders, buttons, ribbon, and joystick/pitch stick are programmable. 320 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 60.6" W x 18.2" D x 5.8" H. 69 lbs.

### Z1

**FEATURES** 6 internal zones, 6 external zones. Transmits velocity and channel aftertouch. Receives velocity and channel aftertouch. 256 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 42.9" W x 13.7" D x 4.7" H. 30.6 lbs.

**KURZWEIL**

**KURZWEIL®**

### K2vx

**FEATURES** 3 internal zones, 3 external zones. Transmits velocity, release velocity, and channel aftertouch. Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. Wheels and sliders are programmable. General MIDI compatible. 600 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 40.9" W x 13.4" D x 4.1" H. 26 lbs.

### K2000RVP

**FEATURES** 3 internal zones, 3 external zones. Transmits velocity, release velocity, and channel aftertouch. Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. General MIDI compatible. 200 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 3U rackmount. 22 lbs.

### K2000VP

**FEATURES** 3 internal zones, 3 external zones. Transmits velocity, release velocity, and channel aftertouch. Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. Wheels and sliders are programmable. General MIDI compatible. 200 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 40.9" W x 13.4" D x 4.1" H. 26 lbs.

### K2500

**FEATURES** 8 internal zones, 8 external zones. Transmits velocity, release velocity, and channel aftertouch. Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. Wheels, sliders, buttons, and ribbon are programmable. General MIDI compatible. 199 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 47.8" W x 17.8" D x 4.8" H. 55.5 lbs.

### K2500R

**FEATURES** 8 internal zones, 8 external zones. Transmits velocity, release velocity, and channel aftertouch. Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. General MIDI compatible. 199 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 3U rackmount. 23.75 lbs.

### K2500X

**FEATURES** 8 internal zones, 8 external zones. Transmits velocity, release velocity, and channel aftertouch. Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. Wheels, sliders, buttons, and ribbon are programmable. General MIDI compatible. Built-in Mac/PC serial port. 199 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 54.3" W x 17.8" D x 4.8" H. 72 lbs.

**MUSIC INDUSTRIES**

### EZ MIDI EM-100

**FEATURES** Receives velocity and channel aftertouch. General MIDI compatible. 128 ROM programs. Built-in multi-effects.

**DIMENSIONS** 8.5" W x 6" D x 1.75" H. 4 lbs.

### Farfisa 7-XII Realtime Arranger

**FEATURES** Receives velocity and channel aftertouch. General MIDI compatible. 640 ROM programs. User-programmable. User programs



Kurzweil K2500R

Reader Service No. 111



Kurzweil PC88MX

Reader Service No. 108

savable. Built-in multi-effects.

**DIMENSIONS** 14.96" W x 8.66" D x 3.54" H. 7.5 lbs.

### MidiArt GS-1000R

**FEATURES** Receives velocity and channel aftertouch. General MIDI compatible. Built-in Mac/PC serial port. 256 ROM programs. Built-in multi-effects.

**DIMENSIONS** 8.5" W x 9" D x 1.75" H. 6 lbs.

**NOVATION**

### Super Bass Station

**FEATURES** Transmits velocity. Receives velocity and channel aftertouch. 200 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 1U rackmount. 4.18 lbs.

### Supernova (16-voice model)

**FEATURES** Transmits velocity. Receives velocity and channel aftertouch. Wheels are programmable. 512 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 3U rackmount.

### Supernova (32-voice model)

**FEATURES** Transmits velocity. Receives velocity and channel aftertouch. Wheels are programmable. 102 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 3U rackmount.

**OBERHEIM**

### Matrix 1000

**FEATURES** Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch.

**DIMENSIONS** 1U rackmount. 9 lbs.

**PEAVEY**



Roland SP808

Reader Service No. 114

### Spectrum Bass II

**FEATURES** Receives velocity, release velocity, and channel aftertouch. 128 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 1U rackmount.

### Spectrum Organ

**FEATURES** Receives velocity, release velocity, and channel aftertouch. 128 ROM programs. Built-in multi-effects.

**DIMENSIONS** 1U rackmount.

### Spectrum Synth

**FEATURES** Receives velocity, release velocity, and channel aftertouch.



Roland XP-80

Reader Service No. 112



Roland MC-505

Reader Service No. 113

128 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 1U rackmount.

#### ROLAND

##### JP-8000

**FEATURES** 2 internal zones, 2 external zones. Transmits velocity and release velocity. Receives velocity, release velocity, and channel aftertouch. Sliders, buttons, ribbon, and pitch lever are programmable. 256 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 36-7/16" W x 13-3/4" D x 4-1/2" H. 17 lbs., 11 oz.

##### JP-8080

**FEATURES** Receives velocity, release velocity, and channel aftertouch. 384 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 19" W x 3-1/2" D x 10-7/16" H. 9 lbs., 15 oz.

##### JV-1080

**FEATURES** Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. General MIDI compatible. 640 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 18-15/16" W x 11-1/16" D x 3-1/2" H. 11 lbs., 1 oz.

##### JV-2080

**FEATURES** Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. General MIDI compatible. 778 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 19" W x 11-1/16" D x 3-1/2" H. 10 lbs., 13 oz.

##### JX-305

**FEATURES** 3 internal zones, 2 external zones. Transmits velocity and channel aftertouch. Receives velocity, release velocity, and channel aftertouch. Pitch lever is programmable. 640 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 39-13/16" W x 11-3/8" D x 3-1/4" H. 15 lbs., 3 oz.

##### PMA-5

**FEATURES** Transmits velocity. Receives velocity, channel aftertouch, and polyphonic aftertouch. General MIDI compatible. Built-in Mac/PC serial port. 306 ROM programs. Built-in multi-effects.

**DIMENSIONS** 4-7/8" W x 6-11/16" D x 1-3/8" H. 1 lb., 6 oz.

##### SC-880

**FEATURES** Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. General MIDI compatible. Built-in Mac/PC serial port. 1,117 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 19" W x 14-1/8" D x 1-13/16" H. 8 lbs., 14 oz.

##### XP-10

**FEATURES** 2 internal zones. Transmits velocity and release velocity. Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. Pitch lever is programmable. General MIDI compatible. built-in Mac/PC serial port. 338 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 40-3/4" W x 11-11/16" D x 3-3/4" H. 11 lbs., 1 oz.

##### XP-60

**FEATURES** 16 internal zones, 16 external zones. Transmits velocity, release velocity, and channel aftertouch. Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. Sliders and pitch lever are programmable. General MIDI compatible. 512 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 40-1/2" W x 13-3/4" D x 4-1/4" H. 23 lbs., 10 oz.

##### XP-80

**FEATURES** 16 internal zones, 16 external zones. Transmits velocity, release velocity, and channel aftertouch. Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. Sliders and pitch lever are programmable. General MIDI compatible. 512 ROM programs. User-programmable. User programs savable. Built-in multi-effects.



Yamaha EX5

Reader Service No. 115



Yamaha AN1X

Reader Service No. 118

**DIMENSIONS** 48-3/4" W x 13-3/4" D x 4-1/4" H. 28 lbs., 8 oz.

#### SEER SYSTEMS

##### Reality

**FEATURES** Receives velocity, release velocity, channel aftertouch, and polyphonic aftertouch. General MIDI compatible. User-programmable. User programs savable. Built-in multi-effects.

#### SOFTWARE TECHNOLOGY

##### Vax

**FEATURES** User-programmable. User programs savable. Built-in multi-effects.

#### STEINBERG

##### ReBirth 2.0

**FEATURES** Receives polyphonic aftertouch. User programs savable. Built-in multi-effects.

#### THE KARNATAKA GROUP

##### Audio Architect

**FEATURES** See chart on page 12.

#### TONEWHEEL LLC

##### Voce Electric Piano

**FEATURES** Receives velocity. 32 ROM programs. User-programmable. Built-in multi-effects.

**DIMENSIONS** 8" W x 8" D x 1.5" H. 4 lbs.

#### WAVEFRONT TECHNOLOGIES

##### Travel Case Theremin

**DIMENSIONS** 19" W x 5" D x 15" H. 12 lbs.

##### Wavefront Classic Theremin

**DIMENSIONS** 17" W x 12" D x 46" H. 35 lbs.

#### YAMAHA

# YAMAHA®

##### CS1X

**FEATURES** 4 internal zones. Transmits velocity. Receives velocity and channel aftertouch. Wheels, sliders, and buttons are programmable. General MIDI compatible. Built-in Mac/PC serial port. 128 ROM programs. User-programmable. User programs savable.

**DIMENSIONS** 38.5" W x 11.25" D x 4" H. 12.75 lbs.

##### EX5

**FEATURES** 8 internal zones, 16 external zones. Transmits velocity, channel aftertouch, and polyphonic aftertouch. Receives velocity, channel

aftertouch, and polyphonic aftertouch. Wheels, sliders, buttons, ribbon, and joystick/pitch stick are programmable. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 38.5" W x 11.25" D x 4" H. 16.5 lbs.

### EX5R

**FEATURES** 8 internal zones. Receives velocity and channel aftertouch. 256 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 3U rackmount. 21.6 lbs.

### EX7

**FEATURES** 8 internal zones, 16 external zones. Transmits velocity, channel aftertouch, and polyphonic aftertouch. Receives velocity, channel aftertouch, and polyphonic aftertouch. Wheels, sliders, buttons, ribbon, and joystick/pitch stick are programmable. 256 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 41-3/4" W x 16" D x 5-1/2" H. 33 lbs.

### MUS

**FEATURES** Receives velocity. General MIDI compatible. Built-in Mac/PC serial port. User-programmable. User programs savable.

**DIMENSIONS** 7.5" W x 4.12" D x 1.25" H. 3/4 lbs.

### MU50

**FEATURES** Receives velocity and channel aftertouch. General MIDI compatible. Built-in Mac/PC serial port. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 8.75" W x 8.25" D x 1.75" H. 3 lbs.

### MU90

**FEATURES** Receives velocity and channel aftertouch. General MIDI compatible. 779 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 8.66" W x 8.27" D x 1.73" H. 3 lbs.

### MU90R

**FEATURES** Transmits velocity and channel aftertouch. General MIDI compatible. Built-in Mac/PC serial port. 729 ROM programs. Built-in multi-effects.

**DIMENSIONS** 1U rackmount. 5.5 lbs.

### MU100

**FEATURES** General MIDI compatible. Built-in Mac/PC serial port. 1,200+ voices, 40 drum kits. Built-in multi-effects.

**DIMENSIONS** 1U rackmount. 2.8 lbs.

### MU100R

**FEATURES** Receives velocity and channel aftertouch. General MIDI compatible. Built-in Mac/PC serial port. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 1U rackmount. 5.5 lbs.

### MU128

**FEATURES** Receives velocity and channel aftertouch. General MIDI compatible. Built-in Mac/PC serial port. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 2U rackmount. 4 lbs.

### VL70M

**FEATURES** Receives velocity and channel aftertouch. Built-in Mac/PC serial port. 256 ROM programs. User-programmable. User programs savable. Built-in multi-effects.

**DIMENSIONS** 8.75" W x 8.5" D x 2" H. 3 lbs.



Yamaha EX5R

Reader Service No. 116



Yamaha EX7

Reader Service No. 117

**DIMENSIONS** 53.5" W x 18.7" D x 5.5" H. 80 lbs.

### BALDWIN

#### GP52500HPE Pianovelle

**DESCRIPTION** Home digital piano.

**MSRP** \$10,735.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 16 programmable zones. 64 user configurations. Transmits velocity and channel aftertouch.

**SOUNDS** 603 sounds. General MIDI compatible. Built-in Mac/PC serial port. 64-voice polyphony. 32 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianosoft, PianoDisc, and Disklavier. 32-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** Backlit graphic LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. Upgradable flash ROM operating system. Optional hard drive, audio/video interface, and 2MB DRAM battery backup.

**DIMENSIONS** 54" W x 45" D x 37" H. 240 lbs.

#### GP53500

**DESCRIPTION** Home digital piano.

**MSRP** \$14,487.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 16 programmable zones. 64 user configurations. Transmits velocity.

**SOUNDS** 603 sounds. General MIDI compatible. Built-in Mac/PC serial port. 64-voice polyphony. 32 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianosoft, PianoDisc, and Disklavier. 32-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** Backlit graphic LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Optional 540MB internal hard drive, audio/video interface, and 2MB DRAM backup.

**DIMENSIONS** 57" W x 56" D x 40" H. 379 lbs.

#### GP53500X Pianovelle

**DESCRIPTION** Home digital piano.

**MSRP** \$16,487.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 16 programmable zones. 64 user configurations. Transmits velocity.

**SOUNDS** 603 sounds. General MIDI compatible. Built-in Mac/PC serial port. 64-voice polyphony. 32 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianosoft, PianoDisc, and Disklavier. 32-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** Backlit graphic LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. 540MB internal hard drive. Audio/video interface. 2MB DRAM backup. Upgradable flash ROM operating system.

**DIMENSIONS** 57" W x 56" D x 40" H. 379 lbs.

#### GRP3 Pianovelle

**DESCRIPTION** Home digital piano.

**MSRP** \$8,110.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 2 programmable zones. Transmits velocity.

**SOUNDS** 32 sounds. General MIDI compatible. 128-voice polyphony. 10 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. 283-piece searchable classical music library. Natural String Resonance. Damper Physical Model.

**DIMENSIONS** 54" W x 43" D x 37" H. 230 lbs.

#### PS1500ADRW

**DESCRIPTION** Home digital piano.

**MSRP** \$4,990.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 16 programmable zones. 64 user configurations. Transmits velocity.

**SOUNDS** 504 sounds. General MIDI compatible. Built-in Mac/PC serial port. 32-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** One-finger chords. 16-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** Backlit graphic LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Sampling capability. DSP effects can be applied to audio inputs. Lyric display.

**DIMENSIONS** 56" W x 21" D x 34" H. 150 lbs.

#### PS2500DRW Pianovelle

**DESCRIPTION** Home digital piano.

**MSRP** \$6,985.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 16 programmable zones. 64 user configurations. Transmits velocity.

## Digital Pianos

### ALESIS

#### DG8

**DESCRIPTION** Professional digital piano.

**MSRP** \$1,999.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 4 programmable zones. Transmits velocity, release velocity, and channel aftertouch.

**SOUNDS** 96 sounds. 64-voice polyphony. 4 multitimbral parts. Built-in effects.

**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.

**SOUNDS** 603 sounds. General MIDI compatible. Built-in Mac/PC serial port. 64-voice polyphony. 32 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianofort, PianoDisc, and Disklavier. 32-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** Backlit graphic LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. Two headphone jacks. Upgradable flash ROM operating system. Optional sample RAM, hard drive, and audio/video interface.

**DIMENSIONS** 56" W x 22" D x 35" H. 205 lbs.

### PS2500X Pianovelle

**DESCRIPTION** Home digital piano.

**MSRP** \$10,375.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 16 programmable zones. 64 user configurations. Transmits velocity.

**SOUNDS** 603 sounds. General MIDI compatible. Built-in Mac/PC serial port. 64-voice polyphony. 32 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianofort, PianoDisc, and Disklavier. 32-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** Backlit graphic LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. Two headphone jacks. Internal hard drive for storing songs, styles, and samples. 2MB battery backup RAM. Sampling capability. Upgradable flash ROM operating system. Displays score, chords, and lyrics.

**DIMENSIONS** 56" W x 22" D x 35" H. 205 lbs.

### RP2DRW Pianovelle

**DESCRIPTION** Home digital piano.

**MSRP** \$4,690.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 2 programmable zones. Transmits velocity.

**SOUNDS** 128-voice polyphony. 10 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 132 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. 2 headphone jacks. 283-piece searchable classical music library. Natural String Resonance. Damper Physical Model.

**DIMENSIONS** 58" W x 18" D x 34" H. 195 lbs.

### RP88DRW Pianovelle

**DESCRIPTION** Home digital piano.

**MSRP** \$2,240.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity.

**SOUNDS** 8 sounds. 64-voice polyphony. 1 multitimbral parts. Built-in effects.

**OTHER FEATURES** Front panel EQ controls. 1 MIDI in and 1 MIDI out. Built-in speakers. Headphone jacks. 2 headphone jacks. Damper Physical Model. Natural String Resonance.

**DIMENSIONS** 53-1/2" W x 17" D x 31-1/2" H. 112 lbs.

### RP100 Pianovelle

**DESCRIPTION** Home digital piano.

**MSRP** \$2,995.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 2 programmable zones. Transmits velocity.

**SOUNDS** 48 sounds. Built-in Mac/PC serial port. 64-voice polyphony. 2 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** 1-track sequencer.

**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Natural String Resonance. Damper Physical Model. Hammer Release Model.

**DIMENSIONS** 58" W x 20" D x 34" H. 79 lbs.

### RP200 Pianovelle

**DESCRIPTION** Home digital piano.

**MSRP** \$5,250.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity.

**SOUNDS** 64 sounds. Built-in Mac/PC serial port. 128-voice polyphony. 2 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. 2 headphone jacks.

**DIMENSIONS** 56" W x 23" D x 40" H. 198 lbs.

### RPS Pianovelle

**DESCRIPTION** Home digital piano.

**MSRP** \$2,985.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity.

**SOUNDS** 8 sounds. 64-voice polyphony. 8 multitimbral parts. Built-in effects.

**OTHER FEATURES** 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. 2 headphone jacks. Natural String Resonance. Damper Physical Model.

**DIMENSIONS** 58" W x 20" D x 7" H. 71 lbs.

## GENERAL MUSIC

### PRO Expander Module

**DESCRIPTION** Piano module.

**MSRP** \$665.

**KEYBOARD & CONTROLLERS** 64 user configurations.

**SOUNDS** 32 sounds. Built-in Mac/PC serial port. 64-voice polyphony. 2 multitimbral parts. Built-in effects.

**OTHER FEATURES** Backlit graphic LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Audio outputs. Headphone jacks. Continuous Damper pedal, Natural String Resonance, Damper Physical Modelling, Advanced Release Technology.

**DIMENSIONS** 8.5" W x 9.5" D x 2" H. 3 lbs.

### PRO1

**DESCRIPTION** Professional digital piano.

**MSRP** \$1,750.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 2 programmable zones. 64 user configurations. Transmits velocity and release velocity.

**SOUNDS** 32 sounds. Built-in Mac/PC serial port. 64-voice polyphony. 2 multitimbral parts. Built-in effects.

**OTHER FEATURES** Backlit graphic LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Audio outputs. Headphone jacks. Continuous damper pedal, Natural String Resonance, Damper Physical Modelling, Advanced Release Technology.

**DIMENSIONS** 52.5" W x 14.5" D x 5" H. 57 lbs.

### PRO2

**DESCRIPTION** Professional digital piano.

**MSRP** \$2,295.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 2 programmable zones. 64 user configurations. Transmits velocity and release velocity.

**SOUNDS** 48 sounds. Built-in Mac/PC serial port. 128-voice polyphony. 2 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Audio outputs. Audio inputs. Headphone jacks. Continuous Damper pedal, Natural String Resonance, Damper Physical Modelling, Advanced Release Technology.

**DIMENSIONS** 52.5" W x 15" D x 5" H. 58 lbs.

## KAWAI

### CA550

**DESCRIPTION** Home digital piano.

**MSRP** \$3,795.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 2 programmable zones. 1 user configuration. Transmits velocity.

**SOUNDS** 8 sounds. 64-voice polyphony. 16 multitimbral parts. Built-in effects.

**OTHER FEATURES** 3-digit LED. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Wooden keys, Concert Magic, 3-D reverb, metronome, dual and split modes.

**DIMENSIONS** 55" W x 20" D x 34" H. 122 lbs.

### CA750

**DESCRIPTION** Home digital piano.

**MSRP** \$4,495.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 2 programmable zones. 1 user configuration. Transmits velocity.

**SOUNDS** 14 sounds. 64-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** Backlit graphic LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Wooden keys, Concert Magic, 3-D reverb, dual and split modes, metronome, half-pedaling, temperament, and hammer voicing.

**DIMENSIONS** 56" W x 20" D x 43" H. 157 lbs.

### CA950

**DESCRIPTION** Home digital piano.

**MSRP** \$5,295.

**KEYBOARD & CONTROLLERS** 88 keys. 2 programmable zones. 1 user

configuration. Transmits velocity.

**SOUNDS** 16 sounds. 64-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** Backlit graphic LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Wooden keys, Concert Magic, 3-d reverb, dual and split modes, metronome, half-pedaling, temperament, and hammer voicing.

**DIMENSIONS** 56" W x 20" D x 43" H. 150 lbs.

### CP150

**DESCRIPTION** Home digital piano.

**MSRP** \$7,995.

**KEYBOARD & CONTROLLERS** 4 programmable zones. 40 user configurations. Transmits velocity.

**SOUNDS** 300 sounds. General MIDI compatible. Built-in Mac/PC serial port. 128-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** Accompaniment format supported: PianoDisc. 16-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** Backlit graphic LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. Unit Features Surround Sound, Song Stylist, wooden key action, Concert Magic, MIDI Karaoke, Style conductor, Auto Phrase Generator, 1-2 play, 4 variations per style, harmony, portamento, and a metronome.

### CP170

**DESCRIPTION** Home digital piano.

**MSRP** \$6,495.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 4 programmable zones. 40 user configurations. Transmits velocity.

**SOUNDS** 300 sounds. General MIDI compatible. Built-in Mac/PC serial port. 128-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: PianoDisc, Roland, and Technics. 16-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** Backlit graphic LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.

### HS200

**DESCRIPTION** Home digital piano.

**MSRP** \$5,145.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 2 programmable zones. Transmits velocity.

**SOUNDS** 10 sounds. 32-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Headphone jacks. Cabinet finish options available. Wooden keys, Concert Magic, metronome, dual and split modes.

**DIMENSIONS** 54.5" W x 20" D x 43" H. 222 lbs.

### HS400

**DESCRIPTION** Home digital piano.

**MSRP** \$5,645.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 2 user configurations. Transmits velocity.

**SOUNDS** 10 sounds. 32-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. Wooden keys, Concert Magic, metronome, dual and split modes.

**DIMENSIONS** 55" W x 20.5" D x 43" H. 247 lbs.

### HS600

**DESCRIPTION** Home digital piano.

**MSRP** \$6,395.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 2 programmable zones. Transmits velocity.

**SOUNDS** 10 sounds. 32-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. Wooden keys, Concert Magic, metronome, dual and split modes.

**DIMENSIONS** 56" W x 20.5" D x 44" H. 260 lbs.

### HS1000

**DESCRIPTION** Home digital piano.

**MSRP** \$7,645.



Korg SG Pro X

Reader Service No. 128

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 2 programmable zones. Transmits velocity.

**SOUNDS** 10 sounds. 32-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Wooden keys, Concert Magic, metronome, dual and split modes.

**DIMENSIONS** 56" W x 21.5" D x 46" H. 310 lbs.

### MP900

**DESCRIPTION** Pro digital piano.

**MSRP** \$2,195.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 2 programmable zones. Transmits velocity.

**SOUNDS** 16 sounds. 64-voice polyphony. 2 multitimbral parts. Built-in effects.

**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. 2 programmable internal and external zones, XLR outputs, included sustain and soft pedal, sympathetic resonance, 4 real-time programmable knobs, and 2 assignable pedal inputs.

**DIMENSIONS** 57" W x 17.5" D x 7.75" H. 73 lbs.

### PN70

**DESCRIPTION** Home digital piano.

**MSRP** \$1,995.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 2 programmable zones. Transmits velocity.

**SOUNDS** 3 sounds. 24-voice polyphony. 1 multitimbral part. Built-in effects.

**OTHER FEATURES** 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Headphone jacks.

**DIMENSIONS** 54" W x 17.5" D x 31.25" H. 85 lbs.

### PN90

**DESCRIPTION** Home digital piano.

**MSRP** \$1,995.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 2 programmable zones.

**SOUNDS** 8 sounds. 24-voice polyphony. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Metronome.

**DIMENSIONS** 54" W x 17.5" D x 31.25" H. 99 lbs.

### PN100

**DESCRIPTION** Home digital piano.

**MSRP** \$2,995.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 2 programmable zones. Transmits velocity.

**SOUNDS** 8 sounds. 24-voice polyphony. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. Metronome.

**DIMENSIONS** 54" W x 19.75" D x 31.25" H. 106 lbs.

### PN300

**DESCRIPTION** Home digital piano.

**MSRP** \$3,695.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity.

**SOUNDS** 7 sounds. 32-voice polyphony. 7 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** 5,000-event 2-track sequencer.

**OTHER FEATURES** 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish

options available. Sliding key cover, temperament options.

**DIMENSIONS** 56" W x 20" D x 34" H. 116 lbs.

## KORG

# KORG USA INC.

### C-150

**DESCRIPTION** Home digital piano.

**MSRP** \$1,799.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 1 programmable zone. Transmits velocity and channel aftertouch.

**SOUNDS** 6 sounds. Built-in Mac/PC serial port. 32-voice polyphony. 1 multitimbral part.

**ACCOMPANIMENT** 1-track sequencer.

**OTHER FEATURES** 1 MIDI in, 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.

**DIMENSIONS** 53.5" W x 17.4" D x 3.6" H. 88 lbs.

### C-350

**DESCRIPTION** Home digital piano.

**MSRP** \$2,099.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 1 programmable zone. Transmits velocity and channel aftertouch.

**SOUNDS** 6 sounds. Built-in Mac/PC serial port. 32-voice polyphony. 1 multitimbral part. Built-in effects.

**ACCOMPANIMENT** 1-track sequencer.

**OTHER FEATURES** 1 MIDI in, 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.

**DIMENSIONS** 54.3" W x 17.5" D x 33.4" H. 101 lbs.

### C-550

**DESCRIPTION** Home digital piano.

**MSRP** \$2,599.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 16 programmable zones. Transmits velocity and channel aftertouch.

**SOUNDS** 16 sounds. Built-in Mac/PC serial port. 32-voice polyphony. 16 multitimbral parts. Built-in effects.

**OTHER FEATURES** 3-digit LED. Front panel EQ controls. 1 MIDI in, 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.

**DIMENSIONS** 55.3" W x 19" D x 33.3" H. 118.4 lbs.

### C-900

**DESCRIPTION** Home digital piano.

**MSRP** \$3,499.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 16 programmable zones. 64 user configurations. Transmits velocity and channel aftertouch.

**SOUNDS** 402 sounds. General MIDI compatible. Built-in Mac/PC serial port. 32-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** 16-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in, 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.

**DIMENSIONS** 55.6" W x 20.8" D x 35" H. 137 lbs.

## KURZWEIL

# KURZWEIL®

### Mark 5

**DESCRIPTION** Home digital piano.

**MSRP** See Dealer.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity and release velocity.

**SOUNDS** 23 sounds. 32-voice polyphony. 8 multitimbral parts. Built-in effects.

**OTHER FEATURES** Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available.

**DIMENSIONS** 56.5" W x 22.25" D x 33.25" H. 176 lbs.

### Mark 10W

**DESCRIPTION** Home digital piano.

**MSRP** See Dealer.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 9 user configurations. Transmits velocity and release velocity.

**SOUNDS** 127 sounds. General MIDI compatible. 32-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianosoftware, PianoDisc, and Disk Orchestra. 8-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** 3-digit LED. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available.

**DIMENSIONS** 56.5" W x 22.25" D x 33.25" H. 214 lbs.

### Mark 12

**DESCRIPTION** Home digital piano.

**MSRP** See Dealer.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 9 user configurations. Transmits velocity and release velocity.

**SOUNDS** 325 sounds. General MIDI compatible. 32-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianosoftware, PianoDisc, and Disk Orchestra. 16-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** 2-line LED. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available.

**DIMENSIONS** 56.5" W x 22.25" D x 33.25" H. 198.5 lbs.

### Mark 110

**DESCRIPTION** Home digital piano.

**MSRP** See Dealer.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 9 user configu-



Kurzweil RG200

Reader Service No. 122



Kurzweil Mark 152

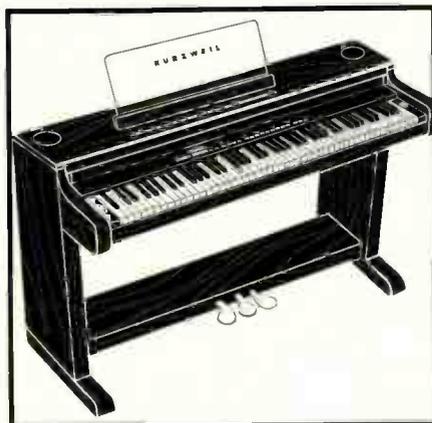
Reader Service No. 125

ations. Transmits velocity and release velocity.  
**SOUNDS** 127 sounds. General MIDI compatible. 32-voice polyphony. 16 multitimbral parts. Built-in effects.  
**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianosoft, PianoDisc, and Disk Orchestra. 8-track sequencer. 3.5" disk drive included.  
**OTHER FEATURES** 3-digit LED. Front panel EQ controls. Built-in speak-



Kurzweil Mark 150

Reader Service No. 127



Kurzweil Mark 5

Reader Service No. 124

ers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available.  
**DIMENSIONS** 56" W x 43" D x 34" H. 240 lbs.

**Mark 150****DESCRIPTION** Home digital piano.**MSRP** See Dealer.**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 9 user configurations. Transmits velocity and release velocity.**SOUNDS** 127 sounds. General MIDI compatible. 32-voice polyphony. 16 multitimbral parts. Built-in effects.**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianosoft, PianoDisc, and Disk Orchestra. 8-track sequencer. 3.5" disk drive included.**OTHER FEATURES** 3-digit LED. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available.**DIMENSIONS** 58.25" W x 59" D x 39.75" H. 512 lbs.**Mark 152****MSRP** See Dealer.**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 9 user configurations. Transmits velocity and release velocity.**SOUNDS** 325 sounds. General MIDI compatible. 32-voice polyphony. 16 multitimbral parts. Built-in effects.**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianosoft, PianoDisc, and Disk Orchestra. 16-track sequencer. 3.5" disk drive included.**OTHER FEATURES** 2-line LED. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available.**DIMENSIONS** 58.25" W x 59" D x 39.75" H. 512 lbs.

Kurzweil MicroPiano

Reader Service No. 123

**MicroPiano****DESCRIPTION** Piano module.**MSRP** \$550.**SOUNDS** 32 sounds. 32-voice polyphony. 1 multitimbral parts. Built-in effects.**OTHER FEATURES** 3-digit LED. 1 MIDI in, 0 MIDI out, and 1 MIDI thru. Audio outputs. Can link 2 micropiano modules together for 64-voice polyphony in "link" mode.**DIMENSIONS** 1U rackmount. 3.5 lbs.**PC88****DESCRIPTION** Professional digital piano.**MSRP** \$2,650.**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 4 programmable zones. 128 user configurations. Transmits velocity, release velocity, and channel aftertouch.**SOUNDS** 64 sounds. 32-voice polyphony. 16 multitimbral parts. Built-in effects.**OTHER FEATURES** 2-line LED. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Audio outputs. Headphone jacks. Optional VGM board adds 205 additional sounds, GM compatibility, 2nd independent FX proces-

Kurzweil Mark 110

Reader Service No. 126



Kurzweil RG100

Reader Service No. 121



Roland RD-600

Reader Service No. 120



Oberheim MC2000

Reader Service No. 135

sor, 64-voice polyphony.

**DIMENSIONS** 54.3" W x 14" D x 4.3" H. 55 lbs.**PC88mx****DESCRIPTION** Professional digital piano.**MSRP** \$3,150.**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 4 programmable zones. 128 user configurations. Transmits velocity, release velocity, and channel aftertouch.**SOUNDS** 269 sounds. General MIDI compatible. 64-voice polyphony. 16 multitimbral parts. Built-in effects.**OTHER FEATURES** 2-line LED. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Audio outputs. Headphone jacks. VGM board built-in.**DIMENSIONS** 54.3" W x 14" D x 4.3" H. 55 lbs.**RG100SE****DESCRIPTION** Home digital piano.**MSRP** See Dealer.**KEYBOARD & CONTROLLERS** 88 keys. Transmits velocity and release velocity.**SOUNDS** 4 sounds. 32-voice polyphony. 1 multitimbral part. Built-in effects.**ACCOMPANIMENT** 1-track sequencer.**OTHER FEATURES** Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 31" W x 17.75" D x 51.75" H. 99 lbs.**RG200****DESCRIPTION** Home digital piano.**MSRP** See Dealer.**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity and release velocity.**SOUNDS** 12 sounds. 32-voice polyphony. 1 multitimbral part. Built-in effects.**ACCOMPANIMENT** 1-track sequencer.**OTHER FEATURES** Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 31" W x 17.75" D x 51.75" H. 114 lbs.**MUSIC INDUSTRIES****Madison Standard 88 Digital Piano****DESCRIPTION** Home digital piano.**MSRP** \$899.95.**KEYBOARD & CONTROLLERS** 88 keys, semi-weighted action. 1 programmable zone. Transmits velocity.**SOUNDS** 7 sounds. 24-voice polyphony. 1 multitimbral part.**OTHER FEATURES** 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 52.3" W x 15.3" D x 4.7" H. 31.5 lbs.**OBERHEIM****MC2000****DESCRIPTION** Professional digital piano.**MSRP** \$1,899.**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 8 programmable zones. Transmits velocity, release velocity, channel aftertouch, and polyphonic aftertouch.**SOUNDS** 26 sounds. General MIDI compatible. 64-voice polyphony. 32 multitimbral parts. Built-in effects.**OTHER FEATURES** 2-line LED. 2 MIDI in, 4 MIDI out, and 2 MIDI thru. Audio outputs. 48 preset aftertouch curves; 48 preset key velocity curves, all assignable to each zone. Waveblaster-compatible soundcard.**DIMENSIONS** 50.4" W x 14" D x 4.9" H. 61 lbs.**Mini Grand Piano Expander****DESCRIPTION** Piano module.**MSRP** \$499.**KEYBOARD & CONTROLLERS** 6 user configurations.**SOUNDS** 6 sounds. General MIDI compatible. 64-voice polyphony. Built-in effects.**OTHER FEATURES** 3-digit LED. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Audio outputs. Audio inputs. Headphone jacks. 3 acoustic and 3 electric piano sounds; 8 reverbs, chorus, flanging, and tremolo. Transpose  $\pm 1$  octave. 3-band eq. system.**DIMENSIONS** 8.5" W x 10-3/4" D x 1-3/4" H. 5 lbs.**ROLAND****A-90EX****DESCRIPTION** Professional digital piano.**MSRP** \$2,995.**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 8 programmable zones. 64 user configurations. Transmits velocity, release velocity, and channel aftertouch.**SOUNDS** 128 sounds. 64-voice polyphony. 4 multitimbral parts. Built-in effects.**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 2 MIDI in, 4 MIDI out, and 1 MIDI thru. Audio outputs. Headphone jacks. Additional 64 user configurations with memory card. Roland patch name database. Controls for external sequencer.**DIMENSIONS** 57-1/3" W x 16" D x 5-3/5" H. 60 lbs., 4 oz.**ep-7mkII****DESCRIPTION** Home digital piano.**MSRP** \$795.**KEYBOARD & CONTROLLERS** 76 keys. Weighted spring action.**OTHER FEATURES** Eight sounds. 28-voice polyphony. Effects.**DIMENSIONS** 44-13/16" W x 13-3/8" D x 3-15/16" H. 24 lbs., 4 oz.**ep-9****DESCRIPTION** Home digital piano.**MSRP** \$1,195.**KEYBOARD & CONTROLLERS** 88 keys. Weighted spring action.**OTHER FEATURES** Built-in speakers. Audio outputs. Headphone jack.**DIMENSIONS** 51" W x 14-9/16" D x 30-1/2" H (with stand). 45 lbs., 7 oz. (with stand).**EP-75****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 76 keys, weighted action.**SOUNDS** 241 sounds. General MIDI compatible. 28-voice polyphony. 16 multitimbral parts. Built-in effects.**OTHER FEATURES** 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 46" W x 15" D x 30" H. 31 lbs.**EP-85**

# Finally, A Sequel That's Actually Better Than The Original



*The QS6.1's four real-time control sliders are assignable to any mod destination, including envelopes, LFOs and even multieffects.*



*With two expansion ports, the QS6.1 can access another 16MB of sounds for a total of 32 meg available at once. Use our QCard™ expansions in your musical style of choice, or burn your own samples to a Flash RAM card using the included Sound Bridge™ software.*

**I**t doesn't usually happen this way. Sequels are supposed to be boring and derivative.

But the new QS6.1™ takes the powerful 64 voice synth engine of the original QS6 and supercharges it with double the sound memory, double the expansion capacity, new performance features and much more. So how is it that the QS6.1 got a whole lot better than the keyboard it replaced while actually costing less? The answer is that this sequel is from Alesis – the company that always delivers more than you expect.

**QS6.1**  
64 VOICE EXPANDABLE SYNTHESIZER

## QS6.1 New Features

- Double the sound ROM of the QS6 (16MB internal)
- Now includes Alesis' stereo grand piano sounds from the QS8
- Enhanced GM sound set
- Double the expansion capacity (up to 32MB total)
- Four control sliders
- Big new LCD display
- New dedicated buttons for Transpose and Sequence Select
- CD-ROM software pack with sequencing, editing, extra sounds, demo programs and more
- Internal power supply
- High speed serial port

### Alesis Corporation

1633 26th Street Santa Monica CA 90404 800-5-ALESIS alecorp@alesis1.usa.com www.alesis.com

For more information on the new QS6.1, contact your Authorized Alesis Retailer or visit our web site.

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**ALESIS**

READER SERVICE NO. 8

**DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, weighted action.**SOUNDS** 241 sounds. General MIDI compatible. 28-voice polyphony. 16 multitimbral parts. Built-in effects.**ACCOMPANIMENT** 1-track sequencer.**OTHER FEATURES** 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 52" W x 15" D x 30" H. 33 lbs.**EP-95****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, weighted action.**SOUNDS** 241 sounds. General MIDI compatible. 28-voice polyphony. 16 multitimbral parts. Built-in effects.**ACCOMPANIMENT** 1-track sequencer.**OTHER FEATURES** Front panel EQ controls. 1 MIDI in. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 57" W x 18" D x 32" H. 104 lbs.**FP-1****DESCRIPTION** Home digital piano.**MSRP** \$1,995.**KEYBOARD & CONTROLLERS** 88 keys, weighted action.**SOUNDS** 5 sounds. 28-voice polyphony. 1 multitimbral parts. Built-in effects.**OTHER FEATURES** Audio outputs. Headphone jacks.**DIMENSIONS** 52-5/8" W x 13-3/4" D x 5-5/16" H. 53 lbs.**HG-500e****DESCRIPTION** Home digital piano.**MSRP** See dealer.**HP-126****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, hammer action.**SOUNDS** 4 sounds. 28-voice polyphony. 4 multitimbral parts. Built-in effects.**ACCOMPANIMENT** 1-track sequencer.**OTHER FEATURES** 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 54" W x 16" D x 31" H. 98 lbs.**HP-236****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, hammer action.**SOUNDS** 6 sounds. Built-in Mac/PC serial port. 28-voice polyphony. 6 multitimbral parts. Built-in effects.**ACCOMPANIMENT** 1-track sequencer.**OTHER FEATURES** 3-digit LED. Front panel EQ controls. 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 55" W x 16" D x 31" H. 156 lbs.**HP-245****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, hammer action.**SOUNDS** 8 sounds. Built-in Mac/PC serial port. 64-voice polyphony. 16 multitimbral parts. Built-in effects.**ACCOMPANIMENT** 2-track sequencer.**OTHER FEATURES** 3-digit LED. Front panel EQ controls. 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 56" W x 18" D x 32" H. 130 lbs.**HP-335****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, hammer action.**SOUNDS** 222 sounds. General MIDI compatible. Built-in Mac/PC serial port. 64-voice polyphony. 16 multitimbral parts. Built-in effects.**ACCOMPANIMENT** 3-track sequencer.**OTHER FEATURES** 3-digit LED. Front panel EQ controls. 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 57" W x 21" D x 35" H. 134 lbs.**HP-535****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, hammer action.**SOUNDS** 222 sounds. General MIDI compatible. Built-in Mac/PC serial port. 64-voice polyphony. 16 multitimbral parts. Built-in effects.**ACCOMPANIMENT** One-finger chords. 3-track sequencer.**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 57" W x 21" D x 36" H. 153 lbs.**HP-555G****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, hammer action.**SOUNDS** 222 sounds. General MIDI compatible. Built-in Mac/PC serial port. 64-voice polyphony. 16 multitimbral parts. Built-in effects.**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianosoftware, PianoDisc, Disklavier, and Roland ISM. 16-track sequencer. 3.5" disk drive included.**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 57" W x 21" D x 36" H. 153 lbs.**KR-75****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, weighted action. 32 user configurations.**SOUNDS** 394 sounds. General MIDI compatible. Built-in Mac/PC serial port. 64-voice polyphony. 16 multitimbral parts. Built-in effects.**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianosoftware, PianoDisc, Disklavier, and Roland ISM. 16-track sequencer. 3.5" disk drive included.**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 57" W x 18" D x 32" H. 104 lbs.**KR-375****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 11 user configurations.**SOUNDS** 434 sounds. General MIDI compatible. Built-in Mac/PC serial port. 64-voice polyphony. 16 multitimbral parts. Built-in effects.**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianosoftware, PianoDisc, Disklavier, and Roland ISM. 16-track sequencer. 3.5" disk drive included.**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 57" W x 21" D x 36" H. 153 lbs.**KR-575****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 32 user configurations.**SOUNDS** 499 sounds. General MIDI compatible. Built-in Mac/PC serial port. 64-voice polyphony. 16 multitimbral parts. Built-in effects.**ACCOMPANIMENT** Accompaniment formats supported: Pianosoftware, PianoDisc, Disklavier, and Roland ISM. 16-track sequencer. 3.5" disk drive included.**OTHER FEATURES** Touchscreen LCD. Front panel EQ controls. 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available.**DIMENSIONS** 57" W x 21" D x 36" H. 153 lbs.**RD-600****DESCRIPTION** Professional digital piano.**MSRP** \$2,495.**KEYBOARD & CONTROLLERS** 88 keys, hammer action. 4 programmable zones. 64 user configurations. Transmits velocity and release velocity.**SOUNDS** 128 sounds. 64-voice polyphony. 16 multitimbral parts. Built-in effects.**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Audio outputs. Headphone jacks. Controls 2 external zones. Programmable sliders. Balanced audio outputs. 40 effects programs.**DIMENSIONS** 55-7/8" W x 15-3/8" D x 5-1/2" H. 54 lbs.**SUZUKI****HG-500e****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, hammer action. Transmits velocity.**SOUNDS** 128 sounds. General MIDI compatible. 32-voice polyphony. 16 multitimbral parts. Built-in effects.**ACCOMPANIMENT** One-finger chords. 16-track sequencer. 3.5" disk drive included.**OTHER FEATURES** Backlit graphic LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available.**DIMENSIONS** 55" W x 49" D x 35" H. 278 lbs.**HP-76ex****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 76 keys, weighted action. Transmits velocity.**SOUNDS** 128 sounds. General MIDI compatible. 32-voice polyphony. 16 multitimbral parts. Built-in effects.**ACCOMPANIMENT** One-finger chords. 1-track sequencer.**OTHER FEATURES** 3-digit LED. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 46" W x 17" D x 30" H. 92 lbs.**HP-80D****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity.**SOUNDS** 7 sounds. General MIDI compatible. 48-voice polyphony. 2 multitimbral parts.**ACCOMPANIMENT** 2-track sequencer.**OTHER FEATURES** 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Keyboard stand.**DIMENSIONS** 53" W x 17" D x 30" H. 100 lbs.**HP-100D****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, hammer action. Transmits velocity.**SOUNDS** 13 sounds. General MIDI compatible. 48-voice polyphony. 2 multitimbral parts. Built-in effects.**ACCOMPANIMENT** 2-track sequencer.**OTHER FEATURES** Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Keyboard stand.**DIMENSIONS** 55" W x 20" D x 33" H. 145 lbs.**HP-120D****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, hammer action. Transmits velocity.**SOUNDS** 7 sounds. General MIDI compatible. 48-voice polyphony. Built-in effects.**ACCOMPANIMENT** 2-track sequencer.**OTHER FEATURES** Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.**DIMENSIONS** 55" W x 22" D x 42" H. 240 lbs.**HP-150ex****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity.**SOUNDS** 128 sounds. General MIDI compatible. 32-voice polyphony. Built-in effects.**ACCOMPANIMENT** One-finger chords. 1-track sequencer.**OTHER FEATURES** 3-digit LED. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Keyboard stand.**DIMENSIONS** 53" W x 17" D x 31" H. 145 lbs.**HP-200e****DESCRIPTION** Home digital piano.**MSRP** See dealer.**KEYBOARD & CONTROLLERS** 88 keys, hammer action. Transmits velocity.**SOUNDS** 128 sounds. General MIDI compatible. 32-voice polyphony. 16 multitimbral parts. Built-in effects.**ACCOMPANIMENT** One-finger chords. 2-track sequencer.**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Keyboard stand.

**DIMENSIONS** 59" W x 24" D x 34" H. 225 lbs.

### HP-300e

**DESCRIPTION** Home digital piano.

**MSRP** See dealer.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. Transmits velocity. **SOUNDS** 128 sounds. General MIDI compatible. 32-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** One-finger chords. 16-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** Backlit graphic LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Keyboard stand.

**DIMENSIONS** 59" W x 24" D x 34" H. 235 lbs.

### HP-900

**DESCRIPTION** Home digital piano.

**MSRP** See dealer.

**KEYBOARD & CONTROLLERS** 88 keys, hammer action. Transmits velocity. **SOUNDS** 7 sounds. General MIDI compatible. 48-voice polyphony. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Keyboard stand.

**DIMENSIONS** 55" W x 20" D x 33" H. 145 lbs.

### KM-88

**DESCRIPTION** Home digital piano.

**MSRP** See dealer.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity. **SOUNDS** General MIDI compatible. 48-voice polyphony. **ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Audio outputs. Audio inputs. Headphone jacks.

**DIMENSIONS** 53" W x 16" D x 6" H. 28 lbs.

## TECHNICS



### SX-P30

**DESCRIPTION** Professional digital piano.

**MSRP** See dealer.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity and release velocity. **SOUNDS** 2 sounds. 32-voice polyphony. 1 multitimbral part. Built-in effects.

**OTHER FEATURES** 1 MIDI in and 1 MIDI out. Audio outputs. Headphone jacks.

**DIMENSIONS** 53.75" W x 10.66" D x 4.06" H. 37.5 lbs.

### SX-PC8

**DESCRIPTION** Home digital piano.

**MSRP** See dealer.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity and release velocity.

**SOUNDS** 1 sound. 32-voice polyphony. 1 multitimbral part.

**OTHER FEATURES** 1 MIDI in and 1 MIDI out. Built-in speakers. Headphone jacks. Black woodgrain finish.

**DIMENSIONS** 54.38" W x 17.69" D x 38.81" H. 80.9 lbs.

### SX-PR51

**DESCRIPTION** Home digital piano.

**MSRP** See dealer.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity, release velocity, channel aftertouch, and polyphonic aftertouch. **SOUNDS** 185 sounds. General MIDI compatible. 32-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianosoft, PianoDisc, Disklavier, and DOC. 16-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Black woodgrain finish.

**DIMENSIONS** 54.06" W x 22.75" D x 40.59" H. 103.6 lbs.

### SX-PR602/M

**DESCRIPTION** Home digital piano.

**MSRP** See dealer.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity, release velocity, channel aftertouch, and polyphonic aftertouch. **SOUNDS** 416 sounds. General MIDI compatible. Built-in Mac/PC serial port. 64-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianosoft, PianoDisc, and Disklavier. 16-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. Black or satin cherry woodgrain finish. Karaoke lyric display.

**DIMENSIONS** 54.53" W x 24.06" D x 41.38" H. 125.7 lbs.

### SX-PR702/M

**DESCRIPTION** Home digital piano.

**MSRP** See dealer.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity, release velocity, channel aftertouch, and polyphonic aftertouch. **SOUNDS** 455 sounds. General MIDI compatible. Built-in Mac/PC serial port. 64-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianosoft, PianoDisc, Disklavier, and DOC. 16-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. Black or satin cherry woodgrain finish. Supports karaoke lyric display.

**DIMENSIONS** 55" W x 24.19" D x 41.34" H. 167.6 lbs.

### SX-PR902/R/C

**DESCRIPTION** Home digital piano.

**MSRP** See dealer.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity, release velocity, channel aftertouch, and polyphonic aftertouch. **SOUNDS** 455 sounds. General MIDI compatible. Built-in Mac/PC serial port. 64-voice polyphony. 16 multitimbral parts. Built-in effects.

**ACCOMPANIMENT** One-finger chords. Accompaniment formats supported: Pianosoft, PianoDisc, Disklavier, and DOC. 16-track sequencer. 3.5" disk drive included.

**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. Polished rosewood or satin cherry finish. Supports Karaoke lyric display.

**DIMENSIONS** 56.41" W x 25" D x 41.25" H. 176.4 lbs.

### SX-PX222/M

**DESCRIPTION** Home digital piano.

**MSRP** See dealer.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity and release velocity.

**SOUNDS** 8 sounds. Built-in Mac/PC serial port. 32-voice polyphony. 1 multitimbral part. Built-in effects.

**OTHER FEATURES** 3-digit LED. 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. Black or walnut woodgrain finish.

**DIMENSIONS** 54.59" W x 19.09" D x 39.5" H. 99.6 lbs.

### SX-PX224/M

**DESCRIPTION** Home digital piano.

**MSRP** See dealer.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity and release velocity.

**SOUNDS** 8 sounds. Built-in Mac/PC serial port. 64-voice polyphony. 1 multitimbral part. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** 3-digit LED. Front panel EQ controls. 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Black or walnut woodgrain finish.

**DIMENSIONS** 55.03" W x 19.44" D x 40.44" H. 117.9 lbs.

### SX-PX226/M

**DESCRIPTION** Home digital piano.

**MSRP** See dealer.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity and release velocity.

**SOUNDS** 20 sounds. Built-in Mac/PC serial port. 64-voice polyphony. 1 multitimbral part. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** 3-digit LED. Front panel EQ controls. 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Black or walnut woodgrain finish.

**DIMENSIONS** 55.03" W x 20.28" D x 42.16" H. 126.8 lbs.

### SX-PX228B

**DESCRIPTION** Home digital piano.

**MSRP** See dealer.

**KEYBOARD & CONTROLLERS** 88 keys, weighted action. Transmits velocity and release velocity.

**SOUNDS** 20 sounds. Built-in Mac/PC serial port. 64-voice polyphony. 1 multitimbral part. Built-in effects.

**ACCOMPANIMENT** 2-track sequencer.

**OTHER FEATURES** 3-digit LED. Front panel EQ controls. 1 MIDI in and 1 MIDI out. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Polished ebony finish.

**DIMENSIONS** 55.03" W x 20.28" D x 42.16" H. 126.8 lbs.



Technics SX-PR902R

Reader Service No. 129

## TONEWHEEL LLC

## Voce Electric Piano

DESCRIPTION Piano module.

MSRP \$599.

SOUNDS 32 sounds. 32-voice polyphony. 3 multitimbral parts. Built-in effects.

OTHER FEATURES Audio outputs. Headphone jacks. 1/2-rack electric piano module. Uses additive synthesis models to reproduce classic electric pianos such as the Wuritzer 120, 200, Hohner Planet, Clavinet, RMI electric piano, DX, Rhodes Suitcase and Stage. Built-in effects include: Stereo tremolo, Wah-Wah, Chorus, and Overdrive.

DIMENSIONS 1U rackmount. 4 lbs.

## VAN KOEVERING

## Baby Grand VIP950

DESCRIPTION Home digital piano.

MSRP \$16,950.

KEYBOARD &amp; CONTROLLERS 88 keys, hammer action. Transmits velocity.

SOUNDS 128 sounds. General MIDI compatible. 16 multitimbral parts. Built-in effects.

ACCOMPANIMENT One-finger chords. 256-track sequencer.

OTHER FEATURES Touchscreen LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Built-in computer runs Windows 95-compatible music software. Includes modem for accessing online Music Mall. Includes Cakewalk Express and VIP Karaoke.

DIMENSIONS 55" W x 66" D x 38" H. 370 lbs.

## Console VIP600

DESCRIPTION Home digital piano.

MSRP \$9,995.

KEYBOARD &amp; CONTROLLERS 88 keys, hammer action. Transmits velocity.

SOUNDS 128 sounds. 30-voice polyphony. 16 multitimbral parts. Built-in effects.

ACCOMPANIMENT One-finger chords. 256-track sequencer. 3.5" disk drive included.

OTHER FEATURES Touchscreen LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. Built-in computer runs Windows 95-compatible music software. Includes modem for accessing online Music Mall. Includes Cakewalk Express and VIP Karaoke applications.

DIMENSIONS 58" W x 22" D x 43" H. 260 lbs.

## Ensemble VIP300

DESCRIPTION Home digital piano.

MSRP \$9,475.

KEYBOARD &amp; CONTROLLERS 88 keys, hammer action. Transmits velocity.

SOUNDS 128 sounds. General MIDI compatible. 30-voice polyphony. 16 multitimbral parts. Built-in effects.

ACCOMPANIMENT One-finger chords. 256-track sequencer. 3.5" disk drive included.

OTHER FEATURES Touchscreen LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Built-in computer runs Windows 95-compatible software. Includes modem for accessing online Music Mall. Includes Cakewalk Express and VIP Karaoke applications.

DIMENSIONS 57" W x 21" D x 40" H. 200 lbs.

## Petite Grand VIP900

DESCRIPTION Home digital piano.

MSRP \$14,950.

KEYBOARD &amp; CONTROLLERS 88 keys, hammer action. Transmits velocity.

SOUNDS 128 sounds. General MIDI compatible. 30-voice polyphony. 16 multitimbral parts. Built-in effects.

ACCOMPANIMENT One-finger chords. 256-track sequencer. 3.5" disk drive included.

OTHER FEATURES Touchscreen LCD. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Built-in computer runs Windows 95-compatible music software. Includes modem for accessing online Music Mall. Includes Cakewalk Express and VIP Karaoke applications.

DIMENSIONS 55" W x 48" D x 38" H. 320 lbs.

## VISCONT AMERICA

## Allegro

DESCRIPTION Home digital piano.

MSRP See dealer.

KEYBOARD &amp; CONTROLLERS 88 keys, hammer action. 3 programmable zones. Transmits velocity.

SOUNDS 10 sounds. General MIDI compatible. 64-voice polyphony. 16 multitimbral parts. Built-in effects.

ACCOMPANIMENT 1-track sequencer.

OTHER FEATURES Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. 23 Programmable Effects.

DIMENSIONS 60" W x 24" D x 40" H. 140 lbs.

## Institutional 50H Oak

DESCRIPTION Home digital piano.

MSRP \$2,499.

KEYBOARD &amp; CONTROLLERS 88 keys, hammer action. 1 programmable zone. Transmits velocity.

SOUNDS 5 sounds. General MIDI compatible. 64-voice polyphony. 1 multitimbral part.

OTHER FEATURES 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available.

DIMENSIONS 60" W x 24" D x 40" H. 120 lbs.

## Maestro

DESCRIPTION Home digital piano.

MSRP See dealer.

KEYBOARD &amp; CONTROLLERS 88 keys, hammer action. 3 programmable zones. 32 user configurations. Transmits velocity.

SOUNDS 422 sounds. General MIDI compatible. 64-voice polyphony. 16 multitimbral parts. Built-in effects.

ACCOMPANIMENT One-finger chords. 1-track sequencer. 3.5" disk drive included.

OTHER FEATURES Backlit graphic LCD. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. MIDI Karaoke.

DIMENSIONS 60" W x 34" D x 40" H. 301 lbs.

## Opera

DESCRIPTION Home digital piano.

MSRP See dealer.

KEYBOARD &amp; CONTROLLERS 88 keys, hammer action. 3 programmable zones. 16 user configurations. Transmits velocity.

SOUNDS 24 sounds. General MIDI compatible. 64-voice polyphony. 16 multitimbral parts. Built-in effects.

ACCOMPANIMENT 1-track sequencer.

OTHER FEATURES Backlit graphic LCD. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Cabinet finish options available. 23 programmable Effects. Built-in metronome.

DIMENSIONS 60" W x 24" D x 45" H. 194 lbs.

## YAMAHA

YAMAHA®

## P50M

DESCRIPTION Piano module.

MSRP \$499.95.

SOUNDS 28 sounds. 32-voice polyphony. Built-in effects.

OTHER FEATURES 3-digit LED. Front panel EQ controls. 1 MIDI in and 1 MIDI out. Audio outputs. Headphone jacks. 6MB wave ROM.

DIMENSIONS 8.75" W x 8.25" D x 1.75" H. 2.7 lbs.

## P200

DESCRIPTION Professional digital piano.

MSRP \$2,395.

KEYBOARD &amp; CONTROLLERS 88 keys, weighted action. 2 programmable zones. 36 user configurations. Transmits velocity.



Yamaha YPP50

Reader Service No. 132



Yamaha P200

Reader Service No. 134



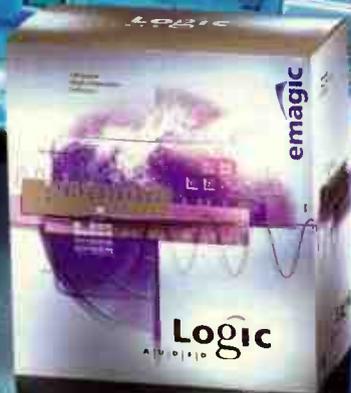
Yamaha YPP15

Reader Service No. 131



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READER SERVICE NO. 9

World Radio History

**emagic**  
Technology with Soul.

**SOUNDS** 13 sounds. 64-voice polyphony. 2 multitimbral parts. Built-in effects.

**OTHER FEATURES** Backlit graphic LCD. Front panel EQ controls. 1 MIDI in, 1 MIDI out, and 1 MIDI thru. Includes FC-4 footswitch and music stand.

**DIMENSIONS** 55" W x 18.25" D x 7" H. 66 lbs.

### YPP15

**DESCRIPTION** Home digital piano.

**MSRP** \$499.95.

**KEYBOARD & CONTROLLERS** 61 keys, weighted action.

**SOUNDS** 5 sounds. 28-voice polyphony. Built-in effects.

**OTHER FEATURES** Built-in speakers. Headphone jacks. Included: footswitch, music stand, and PA-3 adaptor. Optional keyboard stand.

**DIMENSIONS** 38-3/16" W x 15" D x 4-27/32" H. 16.5 lbs.

### YPP35

**DESCRIPTION** Home digital piano.

**MSRP** \$699.95.

**KEYBOARD & CONTROLLERS** 61 keys, weighted action.

**SOUNDS** 8 sounds. 32-voice polyphony.

**OTHER FEATURES** 1 MIDI in and 1 MIDI out. Built-in speakers. Headphone jacks. Included: footswitch, music stand, and PA-40 adapter. Optional: keyboard stand.

**DIMENSIONS** 38-3/16" W x 15" D x 14-27/32" H. 20 lbs.

### YPP50

**DESCRIPTION** Home digital piano.

**MSRP** \$999.95.

**KEYBOARD & CONTROLLERS** 76 keys, weighted action.

**SOUNDS** 8 sounds.

**OTHER FEATURES** Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Included: keyboard stand, music rest, dust cover, and footswitch.

**DIMENSIONS** 45-6/9" W x 15-3/5" D x 28-8/9" H. 51 lbs.

### YPP55

**DESCRIPTION** Home digital piano.

**MSRP** \$1,195.95.

**KEYBOARD & CONTROLLERS** 76 keys, weighted action.

**SOUNDS** 8 sounds. 32-voice polyphony. 16 multitimbral parts. Built-in effects.

**OTHER FEATURES** Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Included: music stand, footswitch, and dust cover.

Check this out too! Synthesizers (page 12): Generalmusic SK-88.

## Portable Keyboards

See chart on page 29.

### GENERALMUSIC

#### PK5

**FEATURES** General MIDI compatible. Built-in Mac/PC serial port. Left-hand controllers include: pitchbend. Built-in effects. One-finger chords. Built-in speakers. Audio outputs. Headphone jacks.

**DIMENSIONS** 38" W x 14" D x 4.5" H. 15 lbs.

#### PK7

**FEATURES** General MIDI compatible. Built-in Mac/PC serial port. Left-hand controllers include: pitchbend. Built-in effects. One-finger chords. Accompaniment format supported: proprietary, Standard MIDI Files. 3.5" disk drive included. Built-in speakers. Audio outputs. Headphone jacks. Optional video output/audio input Interface.

**DIMENSIONS** 38" W x 14" D x 4.5" H. 15 lbs.

### KAWAI

#### X120

**FEATURES** Built-in effects. One-finger chords. Built-in speakers. Headphone jacks. Battery powered.

**DIMENSIONS** 35.9" W x 12.1" D x 3.8" H. 9.7 lbs.

#### X130

**FEATURES** Built-in effects. One-finger chords. Built-in speakers. Headphone jacks. Battery powered.

**DIMENSIONS** 35.9" W x 12.1" D x 3.8" H. 9.7 lbs.

#### X140D



Yamaha YPP35

Reader Service No. 130



Yamaha YPP55

Reader Service No. 133

**FEATURES** General MIDI compatible. Built-in effects. One-finger chords. Built-in speakers. Audio outputs. Headphone jacks. Battery powered. 3-D sound system, 10 preset memory locations, auto-chord sustain/duet.

**DIMENSIONS** 35.9" W x 12.1" D x 3.8" H. 9.7 lbs.

#### X150D

**FEATURES** General MIDI compatible. Left-hand controllers include: pitchbend and mod wheel. Built-in effects. One-finger chords. Built-in speakers. Audio outputs. Headphone jacks. Battery powered, 3-D sound system, 20 preset memory locations, auto-chord/sustain/duet.

**DIMENSIONS** 35.9" W x 12.1" D x 3.8" H. 9.7 lbs.

#### Z-1000

**FEATURES** General MIDI compatible. Left-hand controllers include: mod wheel. Built-in effects. Accompaniment formats supported: proprietary, Standard MIDI Files, Technote. Roland ISM, Korg, Gem, Wersi. 3.5" disk drive included. Built-in speakers. Audio outputs. Headphone jacks.

**DIMENSIONS** 40.5" W x 15" D x 5.25" H. 45 lbs.

### KORG

#### i30

**FEATURES** General MIDI compatible. Built-in Mac/PC serial port. Left-hand controllers include: buttons, sliders, and joystick. Built-in effects. One-finger chords. Accompaniment format supported: proprietary, Standard MIDI Files. 3.5" disk drive included. Audio outputs. Headphone jacks. Options: 130HDD - Internal 1GB hard drive. Unit can also be purchased with 130HD hard drive factory installed.

**DIMENSIONS** 42.9" W x 13.7" D x 4.6" H. 31.1 lbs.

#### i540

**FEATURES** General MIDI compatible. Built-in Mac/PC serial port. Left-hand controllers include: buttons, sliders, and joystick. Built-in effects. One-finger chords. Accompaniment format supported: Standard MIDI Files. 3.5" disk drive included. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.

**DIMENSIONS** 43.7" W x 15.2" D x 5.6" H. 28.4 lbs.

#### i550

**FEATURES** General MIDI compatible. Left-hand controllers include: buttons and joystick. Built-in effects. One-finger chords. Accompaniment format supported: Standard MIDI Files. 3.5" disk drive included. Built-in speakers. Audio outputs. Headphone jacks. 8 watt bass reflex speaker system.

**DIMENSIONS** 43.7" W x 15.2" D x 5.6" H. 25.4 lbs.

### MUSIC INDUSTRIES

#### Farfisa G-7

**FEATURES** General MIDI compatible. Left-hand controllers include: pitchbend and mod button. Built-in effects. One-finger chords. Accompaniment format supported: proprietary, Standard MIDI

Files. 3.5" disk drive included. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Dual effects processors including a vocal harmonizer. 4 programmable sound pads. Up to 10 programmable switches with optional pedal(s). Reads and displays MIDI karaoke lyrics.

**DIMENSIONS** 39.37" W x 14.96" D x 5.9" H. 26 lbs.

### ROLAND

#### G-1000

**FEATURES** General MIDI compatible. Left-hand controllers include: joystick. Built-in effects. One-finger chords. Accompaniment formats supported: Standard MIDI Files, and Roland ISM. 3.5" disk drive included. Audio outputs. Headphone jacks. Built-in Zip drive. 300 styles on Zip. SCSI interface. Lyric display, transmit with optional LVC-In. GS compatible. Direct disk play.

**DIMENSIONS** 49-7/8" W x 16" D x 5-7/8" H. 40 lbs. 13 oz.

### SUZUKI

#### SP-40e

**FEATURES** General MIDI compatible. Left-hand controllers include: mod wheel. Built-in effects. Built-in speakers.

**DIMENSIONS** 38" W x 15" D x 5" H. 15 lbs.

#### SP-50e

**FEATURES** General MIDI compatible. Left-hand controllers include: mod wheel. Built-in effects. One-finger chords. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.

**DIMENSIONS** 39" W x 14" D x 5" H. 18 lbs.

#### SP-70e

**FEATURES** General MIDI compatible. Left-hand controllers include: mod wheel. Built-in effects. One-finger chords. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks.

**DIMENSIONS** 39" W x 16" D x 6" H. 16.2 lbs.

### TECHNICS



#### SX-KN930

**FEATURES** General MIDI compatible. Left-hand controllers include: pitchbend. Built-in effects. One-finger chords. Accompaniment format supported: proprietary, Standard MIDI Files, Technote. 3.5" disk drive included. Built-in speakers. Audio outputs. Headphone jacks.

**DIMENSIONS** 41.63" W x 15.91" D x 5.88" H. 19.4 lbs.

# Vital Stats: Portable Keyboards

See listings on page 28.

MODEL	DESCRIPTION	NUMBER OF KEYS	SOUNDS	ACCOMPANIMENT	SEQUENCER	MSRP
<b>Generalmusic PK5</b>	Home portable keyboard.	61 keys.	256 sounds. 32-voice polyphony. 16 multitimbral parts.	96 styles.	5 tracks.	\$495
<b>Generalmusic PK7</b>	Home portable keyboard.	61 keys.	384 sounds. 32-voice polyphony. 16 multitimbral parts.	96 styles.	7 tracks.	\$795
<b>Kawai X120</b>	Home portable keyboard.	61 keys.	100 sounds. 28-voice polyphony.	50 styles.		\$359
<b>Kawai X130</b>	Home portable keyboard.	61 keys.	100 sounds. 28-voice polyphony. 16 multitimbral parts.	50 styles.	1 track.	\$439
<b>Kawai X140D</b>	Home portable keyboard.	61 keys.	128 sounds. 28-voice polyphony. 16 multitimbral parts.	120 styles.	1 track.	\$699
<b>Kawai X150D</b>	Home portable keyboard.	61 keys.	128 sounds. 28-voice polyphony. 16 multitimbral parts.	120 styles.	4 tracks.	\$839
<b>Kawai Z-1000</b>	Pro portable keyboard.	61 keys.	200 sounds. 64-voice polyphony. 16 multitimbral parts.	100 styles.	16 tracks.	\$4,995
<b>Korg i30</b>	Pro portable keyboard.	61 keys.	468 sounds. 64-voice polyphony. 16 multitimbral parts.	176 styles.	16 tracks.	\$2,495
<b>Korg i540</b>	Pro portable keyboard.	61 keys.	400 sounds. 32-voice polyphony. 16 multitimbral parts.	176 styles.	16 tracks.	\$1,695
<b>Korg i550</b>	Pro portable keyboard.	61 keys.	400 sounds. 32-voice polyphony. 16 multitimbral parts.	176 styles.	16 tracks.	\$1,450
<b>Music Industries Farfisa G-7</b>	Pro portable keyboard.	61 keys.	640 sounds. 24-voice polyphony. 16 multitimbral parts.	64 styles.	16 tracks.	\$2,295 (black model). \$2,350 (red and silver models)
<b>Roland G-1000</b>	Pro portable keyboard.	76 keys.	700+ sounds. 64-voice polyphony. 32 multitimbral parts.	128 styles.	16 tracks.	\$2,995
<b>Suzuki SP-40e</b>	Home portable keyboard.	61 keys.	128 sounds. 32-voice polyphony.	100 styles.		See dealer
<b>Suzuki SP-50e</b>	Home portable keyboard.	61 keys.	128 sounds. 32-voice polyphony.	100 styles.	2 tracks.	See dealer
<b>Suzuki SP-70e</b>	Home portable keyboard.	61 keys.	128 sounds. 32-voice polyphony.	100 styles.	3 tracks.	See dealer
<b>Technics SX-KN930</b>	Home portable keyboard.	61 keys.	200 sounds. 32-voice polyphony. 16 multitimbral parts.	128 styles.	16 tracks.	See dealer
<b>Technics SX-KN1600</b>	Home portable keyboard.	61 keys.	384 sounds. 64-voice polyphony. 16 multitimbral parts.	128 styles.	16 tracks.	See dealer
<b>Technics SX-KN5000</b>	Home portable keyboard.	61 keys.	290 sounds. 64-voice polyphony. 16 multitimbral parts.	200 styles.	16 tracks.	See dealer
<b>Technics SX-KN1400</b>	Home portable keyboard.	61 keys.	375 sounds. 64-voice polyphony. 16 multitimbral parts.	128 styles.	16 tracks.	See dealer
<b>Yamaha DJX</b>	Dance-oriented portable keyboard.	61 keys.	150 dance sounds and loops. 16 multitimbral parts.	100 dance styles.		\$459.
<b>Yamaha PSR-79, 195, 225</b>	Home portable keyboards.	49, 61, 61 keys.	100 sounds. 64-voice polyphony. 16 multitimbral parts.	100 styles.	PSR-225 only: 6 tracks.	\$149.95, \$259.95, \$399.95

## SX-KN1400

**FEATURES** General MIDI compatible. Built-in Mac/PC serial port. Left-hand controllers include: pitchbend. Built-in effects. One-finger chords. Accompaniment formats supported: proprietary, Standard MIDI Files, Technote, GS, and DOC. 3.5" disk drive included. Built-in speakers. Audio outputs. Headphone jacks. Karaoke lyric display.

**DIMENSIONS** 41.63" W x 15.91" D x 6.38" H. 20.5 lbs.

## SX-KN1600

**FEATURES** General MIDI compatible. Built-in Mac/PC serial port. Left-hand controllers include: pitchbend and mod wheel. Built-in effects. One-finger chords. Accompaniment formats supported: proprietary, Standard MIDI Files, Technote, GS, and DOC. 3.5" disk drive included. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Karaoke lyric display.

**DIMENSIONS** 41.63" W x 15.91" D x 6.38" H. 25 lbs.

## SX-KN5000

**FEATURES** General MIDI compatible. Built-in Mac/PC serial port. Left-

hand controllers include: pitchbend and mod wheel. Built-in effects. One-finger chords. Accompaniment format supported: proprietary, Standard MIDI Files, Technote. 3.5" disk drive included. Built-in speakers. Audio outputs. Audio inputs. Headphone jacks. Karaoke lyric display.

**DIMENSIONS** 41.81" W x 16.31" D x 6.84" H. 33.3 lbs.

**YAMAHA**

**YAMAHA**®

## DJX

**FEATURES** Arpeggiator. Ribbon controller. Effects. Analog-style knobs for cutoff, resonance, groove, bass boost. Built-in sampler. Up to 6 seconds of sampling. Keys mapped according to style. Battery or AC

power. MIDI in and out. Powered built-in speakers.

## PSR-79

**FEATURES** Yamaha Portable Grand," high-quality piano sound with dedicated piano sound button. Piano-specific styles. Built-in metronome with dedicated button. "Yamaha Education Suite" music education functions. Diatonic one-ginger chords. Graphic LCD. MIDI in and out. Built-in speakers. Stereo.

## PSR-195

**FEATURES** Yamaha Portable Grand," high-quality piano sound with dedicated piano sound button. Piano-specific styles. Built-in metronome with dedicated button. "Yamaha Education Suite" music education functions. Diatonic one-ginger chords. Graphic LCD. MIDI in and out. Built-in speakers. Stereo.

## PSR-225

**FEATURES** Yamaha Portable Grand," high-quality piano sound with dedicated piano sound button. Piano-specific styles. Built-in metronome



Technics SX-KN1600

Reader Service No. 136



Yamaha DJX

Reader Service No. 137

with dedicated button. "Yamaha Education Suite" music education functions. Diatonic one-finger chords. Graphic LCD. MIDI in and out. Built-in speakers.

## Digital Organs

### MUSIC INDUSTRIES

#### Blue Chip OX-7 Virtual Tonewheel Drawbar Module

**DESCRIPTION** Tabletop organ module.

**MSRP** \$1,595.

**DRAWBARS** 1 9-drawbar set, pedal drawbars.

**SOUNDS** 100 preset sounds. Organ simulations include Hammond and Wersi. Programmable organ effects include: Leslie simulation, key click, percussion, and overdrive.

**OTHER FEATURES** All buttons/drawbars send MIDI data. 6 built-in reverb settings. Virtual tube distortion. User-definable percussion. 4 organs available: Hammond B3, Hammond H-100, Wersi Helios/Galaxis, Wersi Spectra/Atlantis. MIDI connectors.

**DIMENSIONS** 9.25" W x 10" D x 3.25" H. 5 lbs.

### OBERHEIM

#### OB3 Squared

**DESCRIPTION** Tabletop organ module.

**MSRP** \$999.

**DRAWBARS** 1 9-drawbar set.

**SOUNDS** 5 preset sounds. Organ simulations include Hammond. Programmable organ effects include: Leslie simulation, key click, per-

cussion, chorus, and overdrive.

**OTHER FEATURES** 2-speed Leslie simulation; vibrato, reverb, bass toggle on/off, stereo out. MIDI connectors.

**DIMENSIONS** 12" W x 11" D x 3" H. 5 lbs.

#### OB3 Squared Keyboard

**DESCRIPTION** Portable digital organ.

**MSRP** \$1,395.

**KEYBOARD** 1 manual. 61 keys. 1 zone per manual.

**DRAWBARS** 1 9-drawbar set.

**SOUNDS** 5 preset sounds. Organ simulations include Hammond. Programmable organ effects include: Leslie simulation, key click, percussion, chorus, and overdrive.

**OTHER FEATURES** Reverb, vibrato, 6 programmable memories, bass toggle on/off, rotary speed control, stereo out. MIDI connectors.

### ROLAND



Roland VK-7

Reader Service No. 139



Oberheim OB3

Reader Service No. 138

#### VK-7 Combo Organ

**DESCRIPTION** Portable digital organ.

**MSRP** \$2,495.

**KEYBOARD** 1 manual. 61 keys.

**DRAWBARS** 1 9-drawbar set.

**SOUNDS** 80 preset sounds. 39 non-organ sounds. Organ simulations include Hammond, pipe organ, Farfisa. Programmable organ effects include: Leslie simulation, key click, percussion, chorus, and overdrive.

**OTHER FEATURES** COSM-based rotary speaker effect. Second manual and foot pedal control via MIDI in. MIDI connectors. Headphone output. 11-pin Leslie speaker connector.

**DIMENSIONS** 45-11/16" W x 13 1/8" D x 3-15/16" H. 32 lbs., 14 oz.

### TONEWHEEL LLC

#### Voce Micro B II

**DESCRIPTION** Rackmount organ module.

**MSRP** \$599.

**SOUNDS** 36 preset sounds. Organ simulations include Hammond, Farfisa, and Vox. Programmable organ effects include: Leslie simulation, key click, percussion, chorus, and overdrive.

**OTHER FEATURES** 1/2-rack module. Ability to use Chorus and Rotating Speaker simulation simultaneously. Double rotor rotating speaker simulation. Stereo output. MIDI connectors. Headphone output.

**DIMENSIONS** 1U rackmount. 4 lbs.

#### Voce V3 Tonewheel Organ Simulator

**DESCRIPTION** Rackmount organ module.

**MSRP** \$1,395.

**SOUNDS** 128 preset sounds. Organ simulations include Hammond, Farfisa, and Vox. Programmable organ effects include: Leslie simulation, key click, percussion, chorus, and overdrive.

**OTHER FEATURES** 91 discrete digital tone wheel oscillators. Up to 5 MIDI drawbar units may be attached. MIDI connectors. Headphone output.

**DIMENSIONS** 1U rackmount. 7 lbs.

#### Voce V5

**DESCRIPTION** Tabletop organ module.

**MSRP** \$899.

**DRAWBARS** 1 9-drawbar set.

**SOUNDS** 7 preset sounds. Organ simulations include Hammond. Programmable organ effects include: key click, percussion, chorus, and overdrive.

**OTHER FEATURES** 91 discrete digital tone wheel oscillators. Optional MIDI drawbar units may be attached for additional drawbar control of other manuals. MIDI connectors.

**DIMENSIONS** 1U rackmount. 4 lbs.

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- The **Interface MEC**, an expandable rack that holds up to nine I/O cards. Even without the cards, it features four analog inputs, four analog outputs, and stereo digital I/O.
- The **PARIS software**, which seamlessly integrates digital audio recording, editing, mixing, signal routing, and effects processing into one powerful yet intuitive environment.
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What turned the music technology industry on its ear?

# MIDI Controllers



**MIDI controllers** are those devices that you use to make your rig or studio do what you want it to do – anything from making a simple sound to unleashing a chain of MIDI events. Typically, a MIDI controller

sports a traditional piano-style keyboard. There are, however, controllers that use every imaginable type of human interface besides the keyboard. These **Alternate Controllers** (page 36) range from guitars that have ingenious methods for translating string vibrations into MIDI data, to stick-like wind controllers that let woodwind players access the world of electronic music.

The traditional **Keyboard Controllers** (page 38) are found just after the **Alternate Controllers**, and they range from 88-key, multiple-zone mega-programmable studio mainstays to portable keyboards that are great for sequencing with a laptop computer.

**Programmable Control Devices** (page 41) are a versatile bunch. Basically, they consist of one or more types of control surface, such as sliders, wheels, jog shuttles, buttons, or ribbons. The device lets you program these controls to send whatever type of MIDI or other data you wish. Some are configured to work with particular digital recording systems, or other specific applications, while others are designed for general applications.

ALTERNATE MIDI  
CONTROLLERS

KEYBOARD  
CONTROLLERS

PROGRAMMABLE  
MIDI CONTROLLERS

## Alternate MIDI Controllers

### AKAI

#### EWI 3020, EWI 3020M

**DESCRIPTION** Wind controller.

**MSRP** \$1,399.95.

**FEATURES** Saxophone/clarnett style fingering system using touch sensors. Octave shift rollers enable play over an 8-octave range. Note on/off, attack/release velocity, channel pressure, modulation, breath control, volume, glide time, sustain, program change, all notes off. EWI 3020M is an analog synth module with two VCOs, one VCF, one VCA, and two EGs, provides 50 presets and 50 programmable patches.

**DIMENSIONS** Controller: 1.5" W x 22" D x 2.5" H. 1.5 lbs.  
Module: 19" W x 17" D x 3.5" H. 12.5 lbs.

#### EWI 3030, EWI 3030M

**DESCRIPTION** Wind controller.

**MSRP** \$1,785.

**FEATURES** Saxophone/clarnett style fingering system using touch sensors. Octave shift rollers enable play over an 8-octave range. Note on/off, attack/release velocity, channel pressure, modulation, breath control, volume, glide time, sustain, program change, all notes off. EWI 3030M is a digital using two PCM wave generators. Create up to 128 sounds from 75 preset waves.

**DIMENSIONS** Controller: 1.5" W x 22" D x 2.5" H. 1.5 lbs.  
Module: 19" W x 17" D x 3.5" H. 12.5 lbs.

### ART

#### X-12 MIDI Controller

**DESCRIPTION** Floor foot controller.

**MSRP** \$159.

**FEATURES** MIDI info generated: program change, continuous controllers. Simultaneous MIDI controllers: 2. Required hardware: log-taper volume pedal.

**DIMENSIONS** 13" W x 7" D x 2" H. 4 lbs.

#### X-15 Ultrafoot

**DESCRIPTION** Floor foot controller.

**MSRP** \$329.

**FEATURES** MIDI info generated: program change, 2 continuous controllers, note on/off, controller on/off. Simultaneous MIDI controllers: 3.

**DIMENSIONS** 29" W x 11" D x 3" H. 8 lbs.

### BIG BRIAR

#### Ethervox MIDI Theremin

**DESCRIPTION** Theremin.

**MSRP** \$3,500.

**FEATURES** Antennas for controlling pitch and volume (or 2 other MIDI continuous controllers), driven by the motion of the player's hands in the space around the instrument. Includes analog monophonic sound generator. MIDI info generated: Note on/off, pitchbend, continuous control changes. Height includes detachable legs and base. Standard detachable AC cord.

**DIMENSIONS** 18" W x 16" D x 44" H. 40 lbs.

### ILIO ENTERTAINMENTS

#### Digitar

**DESCRIPTION** Guitar-like MIDI controller.

**MSRP** \$449.

**FEATURES** Controller: 6 analog optical transducers respond to strumming on "strings." Receives input from external MIDI keyboard or sequencer. MIDI info generated: velocity, note on/off, all notes off, data inc/dec, program change, bank select. User-installable. Separate power supply also contains MIDI input and output.

**DIMENSIONS** 6" W x 4" D x 2" H. 1 lb.

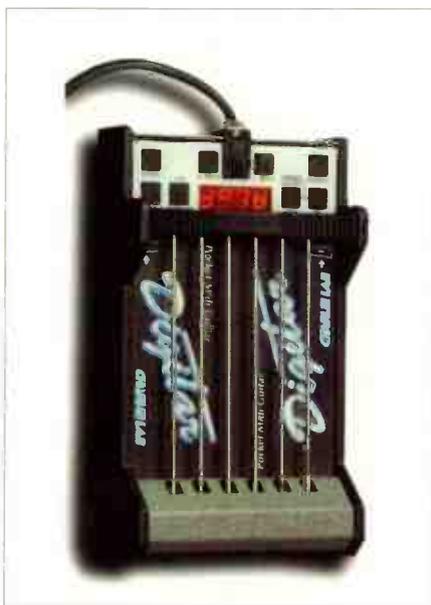
### INTERACTIVE ENTERTAINMENT

#### Synth A Beam II Light to MIDI Controller

**DESCRIPTION** Light to MIDI controller.

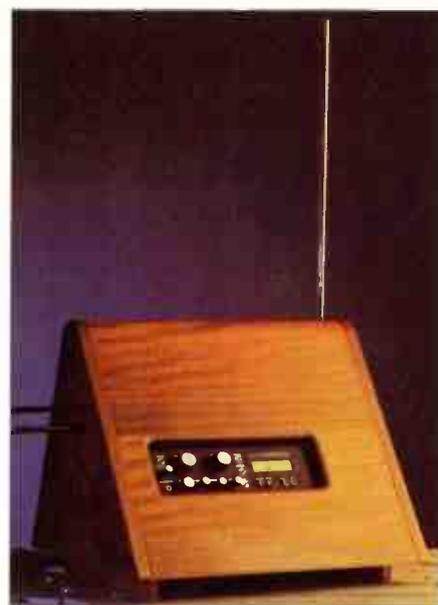
**MSRP** \$1,199.

**FEATURES** Triggers MIDI events by interrupting or reflecting visible beams of light. MIDI info generated: notes, channel, program change, start, stop, etc. Simultaneous MIDI controllers: 16. Required hardware: Photo sensors. User-installable. Internal sensitivity adjustments for beam brightness. Analog outputs for triggering lighting or special effects via relays.



Ilio Digitar

Reader Service No. 246



Big Briar Ethervox Theremin

Reader Service No. 142



Starr MiniZ/Mini-ZX

Reader Service No. 146

## Alternate Controllers



Starr Z1

Reader Service No. 145

DIMENSIONS 1U rackmount, 5 lbs.

## MUSIC INDUSTRIES

## Axon AX-100 by Blue Chip

DESCRIPTION Guitar controller.

MSRP AX-100, \$1,195.95; AX-100SB (w/card), \$1,395.95.

FEATURES Works with any guitar equipped with Axon proprietary pick-



Starr Z2

Reader Service No. 147

ups for 6-string steel, 6-string nylon, and 4-string and 6-string basses. Also GK /RMC /RL Baggs + piezo compatible. MIDI info generated: note on/off, velocity, pitchbend, program change, bank change, any continuous controller; up to 5 at a time. Sounds: Yamaha DB-50XG soundcard in AX-100SB and/or any external MIDI device with no degradation of tracking performance. Required hardware: AX-101 and AX-102 (4-string bass) interface units, or Roland GK-2-compatible divided pickup. User-installable. Unit can utilize two Fatar VP-26 expression pedals for CCs, also Fatar PS-100 footswitch for chain function. Step drum sequencer arpeggiator.

DIMENSIONS 1U rackmount, 9 lbs.

## ROCKTRON



Starr Y10

Reader Service No. 144

## All Access

DESCRIPTION MIDI foot controller.

MSRP \$1,079.

FEATURES 15 control buttons, all of which may be used for program change, control change, or a combination of both. Bank up and down buttons. Secondary function button for editing and programming. Two inputs for expression pedals to be used as MIDI continuous controllers. Buttons assigned as controllers may be latching, hold, or momentary style. MIDI info generated: program change, continuous controllers, note on/off, key pressure, channel pressure, pitchbend, timing clock, start, continue, stop, active sensing, system reset, MIDI timecode, song position pointer, song select, and tune request. Simultaneous MIDI controllers: up to 16 simultaneous program changes or up to 18 simultaneous control change messages, or any combination. Up to 6 extra commands may be sent with a program change, including a user-programmable MIDI string up to 30 bytes long.

DIMENSIONS 15.5" W x 10.5" D x 3.5" H. 13 lbs.

## MIDI Mate

DESCRIPTION MIDI Foot Controller.

MSRP \$399.

FEATURES 10 control buttons, a bank access button, and a secondary function button for editing and programming. MIDI info generated: program change and control change. Simultaneous MIDI controllers: Up to 6 simultaneous program change and up to 6 simultaneous control change messages. Sends up to six preset changes on six different channels and five control changes while controlling one real-time parameter via a volume pedal. 7-digit character LED. Uses a 7-pin MIDI connector, allowing phantom power to be used with a 7-pin MIDI cable.

DIMENSIONS 20" W x 5 3/4" D x 2" H. 7 lbs.

## ROLAND

## GR-30 Guitar Synthesizer

DESCRIPTION Guitar controller.

MSRP \$895. Optional GK-2A or GK-2AKit divided pickup, \$275.

FEATURES Surface mounted or internally installed divided pickup (GK-2A or GK-2AKit, sold separately). MIDI info generated: up to 6 channels of MIDI, 1 channel from each string, sending note on and off, pitch, velocity, aftertouch, program change, etc. Also sends harmony info, hold, sustain, and other data from pedals. Sounds: Built-in custom sounds generated by synth engine based on Roland's newest synths. DSP effects: chorus, delay, reverb, and flange. Required hardware: The GR-30 connects to a guitar via the GK-2A divided pickup or other 13-pin pickup system. User-installable. 384 custom sounds, 256 patches (128 preset, 128 user), polyphonic arpeggiator, synth Harmonist.

DIMENSIONS 11-15/16" W x 10-13/16" D x 2-5/16" H. 3 lb, 9 oz.

## SHADOW

## SH-07S MIDI Converter

DESCRIPTION Guitar controller.

MSRP \$799.95.

FEATURES Direct guitar to MIDI converter (mounts on guitar). MIDI info generated: note number and on/off messages, velocity (adjustable) pitchbend, program change, volume. User-installable. Switchable pitchbend range, Mono and Poly modes (with or without pitchbend), MIDI transpose (plus or minus 3 octaves). Built-in guitar tuner.

DIMENSIONS 2 1/2" W x 1" D x 5" H. 1 lb.

## STARR LABS

## MiniZ/Mini-ZX

DESCRIPTION Guitar controller.

MSRP \$1,295 - \$3,995.

FEATURES Designed for tapping technique. 24-fret fingerboard. Optional breath controller for driving a Yamaha VL1. Optional joystick. Thumb-sensor strip installed along the edge of the fingerboard senses pressure which may be assigned to pitchbend, modulation, or any continuous controller message. 2 octave up and down buttons. Triggers and pads are available as options. Lightweight composite body; maple body optional. The Mini-ZX adds a Trigger/Drum panel to the Mini-Z controller. A Mini-ZXS is also available which carries a bank of 6 actual String Triggers. MIDI info generated: note on/off, CC# 0-127, pitchbend, poly aftertouch, channel aftertouch, sequence start/stop/cont, sys-ex. Simultaneous MIDI controllers: 2,720 notes max polyphony from the fingerboard, 208 notes or CC messages max from the Sensor Bank. Sounds: Optional wavetable soundcard.

DIMENSIONS 11" W x 3.5" D x 24" H. 7.5 lbs.

## Ztar Model Z1

DESCRIPTION Guitar controller.

MSRP \$1,395-2,395.

FEATURES 6-string by 24-fret velocity- and pressure- sensitive finger-

board with a soft-touch key for each fret and note position. Optional key or string-triggers, 12 optional drum/expression pads, joystick, expression pedals, optional neck-strip sensors and breath controller. 10 function keys and a backlit LCD display. 32 user presets. The Z1 will play one note per string, or chords. Embedded soundcard available. MIDI info generated: note on/off, CC# 0-127, pitchbend, poly aftertouch, channel aftertouch, sequence start/stop/cont, sys-ex. Simultaneous MIDI controllers: 2,640 notes from the fingerboard; 208 notes or CC messages from the Sensor Bank.

**DIMENSIONS** 13" W x 3" D x 33" H. 5.5 lbs.

### WALKABOUT

#### Mobile MIDI Keyboard Carriers

**DESCRIPTION** Mobile MIDI carrier systems.

**MSRP** \$395 to \$1,095.

**FEATURES** Alternative carrier system for MIDI keyboard controllers. Requires MIDI wireless. Battery-powered. Tier-bracket option allows user to carry up to 2MIDI controllers.

**DIMENSIONS** 18" W x 20" D x 24" H. 5.5 lbs.

### YAMAHA

#### G50

**DESCRIPTION** Guitar to MIDI converter.

**MSRP** \$749.95.

**FEATURES** 128 memory locations. 6 channels of note/pitch/velocity, plus 2 assignable controllers. Required hardware: external tone generator. Includes 13-pin cable.

**DIMENSIONS** 19" W x 8" D x 1-3/4" H. 4.9 lbs.

#### WX5

**DESCRIPTION** Wind controller.

**MSRP** \$749.85.

**FEATURES** Controller: 16 keys including assignable high keys, octave change keys, 7-octave control range. Pitchbend wheel. Setup switch. Hold switch for keyhold, sustain, and portamento. Program change switch. Wind sensor, wind curve, lip data range, lip pressure mode, control change, pitchbend. Simultaneous MIDI controllers: 8C or volume or AT, pitchbend modulation plus 2 assignable controllers (CC# 80 plus 81). Includes sax-type mouthpiece, mouthpiece cap, recorder-type mouthpiece, WX cable, strap, recorder cream. Optional: VL70-M, MFC10.

**DIMENSIONS** 2.41" W x 2.45" D x 2.76" H. 1.15 lbs.

### ZETA

#### Synthy

**DESCRIPTION** Bowed string controller.

**MSRP** \$2,995.

**FEATURES** Violin/viola and/or cello MIDI controller with internal MIDI synthesizer. Footswitch control included. MIDI info generated: aftertouch, breath controller, velocity, volume. Up to 5 MIDI channels. 128 General MIDI sounds from internal soundcard. Required hardware: Zeta Quartet Series violin, viola, or cello, or Zeta Quartet Series Retropak (MIDI-compatible pickup) for acoustic violin, viola, or cello. User-installable. Sustain Limit, Hold Type, Preset Save, and Preset Delete accessed with footswitch.

**DIMENSIONS** 1U rackmount. 5 lbs.

**Check these out, too!** Percussion Controllers (page 80): Alternate Mode MalletKAT, Starr Labs Kurzweil KRC, Roland SPD-20, ZenDrum.

## Keyboard Controllers

See chart on page 40

### DOEPFER

#### PK-88

**FEATURES** Transmits velocity. Built into travel case with removable lid.

One pedal input for sustain/soft pedal. One MIDI out.

**DIMENSIONS** 53" W x 10-3/4" D x 3-3/34" H. 45 lbs.

### EDIROL

#### Roland PC-160

**FEATURES** Transmits velocity and channel aftertouch. Programmable wheels and sliders. Optional DP-6 sustain pedal.

**DIMENSIONS** 23" W x 7" D x 3" H.



Kurzweil PC88MX

Reader Service No. 143

#### Roland PC-180

**FEATURES** Transmits velocity and channel aftertouch. Programmable wheels and sliders. Optional DP-6 sustain pedal.

**DIMENSIONS** 32" W x 7" D x 3" H.

### EVOLUTION

#### MK-12S Dance Station

**FEATURES** Transmits velocity. Programmable wheels and buttons. Includes DJ mixing software.

#### MK-149 Music Creator Pro

**FEATURES** Transmits velocity. Programmable wheels and buttons. Includes self-powered connected cable and Cakewalk Express 6.0, Evolution Music Teacher, Evolution KeyWest Jammer, and Evolution Song Player software titles.

**DIMENSIONS** 32" W x 8" D x 3" H. 9 lbs.

#### MK-161 Music Creator Pro 61

**FEATURES** Transmits velocity. Programmable wheels and buttons. Includes self-powered connected cable and Cakewalk Express 6.0, Evolution Music Teacher, Evolution KeyWest Jammer, and Evolution Song Player software titles.

**DIMENSIONS** 36" W x 13" D x 5" H. 19 lbs.

### KAWAI

#### MP-9000

**FEATURES** Transmits velocity. Programmable knobs and pedals. 64 storable user configurations. 2-line LCD display. Front-panel EQ controls. MIDI in/out/thru. 16 internal sounds. 4 assignable and 6 fixed knob controllers. Damper/soft pedal.

**DIMENSIONS** 57" W x 17-1/2" D x 7-3/4" H. 73 lbs.

### KORG

#### SG Pro X

**FEATURES** Transmits velocity and channel aftertouch. Programmable wheels, sliders, and buttons. 64-voice polyphony for internal sounds. Controls up to 8 external devices. 8 assignable front panel controllers.

**DIMENSIONS** 52" W x 15.4" D x 5.5" H. 53 lbs., 13 oz.

### KURZWEIL

## KURZWEIL®

#### PC88

**FEATURES** Transmits velocity, release velocity, and channel aftertouch. Programmable wheels, sliders, buttons, CV pedals, and 2 switch pedals. Arpeggiator, 64 built-in sounds with FX, 32-voice polyphony. Optional VGM board adds 205 sounds, second FX processor, GM compatibility, and 64-voice polyphony.

**DIMENSIONS** 54.3" W x 14" D x 4.3" H. 55 lbs.

#### PC88MX

**FEATURES** Transmits velocity, release velocity, and channel aftertouch. Programmable wheels, sliders, buttons, CV pedals, and 2 switch pedals. Arpeggiator. VGM sound and polyphony upgrade board built-in.

**DIMENSIONS** 54.3" W x 14" D x 4.3" H. 55 lbs.

### FATAR

#### StudioLogic CMS-61

**FEATURES** Transmits velocity and channel aftertouch. Programmable pitch

and modulation wheels. Tray for computer QWERTY keyboard and mouse pad. 2 parallel MIDI outs. Dedicated sustain and volume pedal input.

**DIMENSIONS** 51.75" W x 13.75" D x 4.5" H. 14 lbs.

#### StudioLogic MP-113 Pedalboard

**FEATURES** Transmits velocity. Solid wood-tipped pedals.

**DIMENSIONS** 24" W x 16.5" D x 5.9" H. 14 lbs., 5 oz.

#### StudioLogic MP-117 Pedalboard

**FEATURES** Transmits velocity. 6" solid wood-tipped pedals. Transmits on all 16 channels.

**DIMENSIONS** 29.13" W x 16.5" D x 5.9" H. 16 lbs., 8 oz.

#### StudioLogic ST-37

**FEATURES** Transmits velocity. Full-sized keys.

**DIMENSIONS** 23.6" W x 5.9" D x 3.14" H. 4 lbs., 3 oz.

#### StudioLogic ST-49

**FEATURES** Transmits velocity.

**DIMENSIONS** 29.13" W x 6.29" D x 3.14" H. 4 lbs., 6 oz.

#### StudioLogic SL-61

**FEATURES** Transmits velocity. 2 parallel MIDI outs. Pitch and modulation wheels. Dedicated sustain and volume pedal inputs. Zone-specific and global velocity curve options.

**DIMENSIONS** 35.4" W x 10.23" D x 3.14" H. 6 lbs., 9 oz.

#### StudioLogic SL-161

**FEATURES** Transmits velocity and channel aftertouch. 2 parallel MIDI outs. Pitch and modulation wheels. Dedicated sustain and volume pedal inputs. Zone-specific and global velocity curve options.

**DIMENSIONS** 35.4" W x 10.23" D x 3.14" H. 11 lbs.

#### StudioLogic SL-760

**FEATURES** Transmits velocity and channel aftertouch. 2 parallel MIDI outs. Pitch and modulation wheels. Dedicated sustain and volume pedal input. Zone-specific and global velocity curve options.

**DIMENSIONS** 45.6" W x 13.77" D x 5.11" H. 28 lbs., 10 oz.

#### StudioLogic SL-880

**FEATURES** Transmits velocity and channel aftertouch. 2 parallel MIDI outs. Pitch and modulation wheels. Dedicated sustain and volume pedal input. Zone-specific and global velocity curve options.

**DIMENSIONS** 52.3" W x 13.7" D x 4.75" H. 44 lbs.

#### StudioLogic SL-990

**FEATURES** Transmits velocity on MIDI channel 1 only. 1 MIDI out and dedicated sustain input. TP-21 Constant Strike Force action for heavier lower key and lighter upper key registers.

**DIMENSIONS** 52.3" W x 13.75" D x 4.75" H. 44 lbs.

#### StudioLogic SL-1100

**FEATURES** Transmits velocity and channel aftertouch. Programmable sliders, sustain, CV pedal/pedal input, and 32 four-zone presets. Enable/disable wheels and sustain pedal by zone. Master volume slider.

**DIMENSIONS** 52.3" W x 13.75" D x 4.75" H. 44 lbs.

#### StudioLogic SL-2001

**FEATURES** Transmits velocity and channel aftertouch. 4 sliders, 2 buttons, 2 CV pedals/inputs, and 4 momentary switch inputs all programmable. 4 independent MIDI ins/outs for 64 discrete MIDI

## Keyboard Controllers

channels. 64 presets of 8 zones each, expandable to 128. Any connected keyboard takes on all SL-2001 capabilities. 64 x 4 LCD display, 4-digit LED display.

**DIMENSIONS** 52.3" W x 13.75" D x 4.75" H. 44 lbs.

**OBERHEIM****MC 2000**

**FEATURES** Transmits velocity, release velocity, channel and polyphonic aftertouch. Programmable wheels, sliders, and CV pedals. 48 key velocity and aftertouch response curve presets. 256 programmable patches. Includes Wave Blaster-compatible soundcard with 26 sounds.

**DIMENSIONS** 50.4" W x 14" D x 4.9" H. 61 lbs.

**MC 3000 Master Controller**

**FEATURES** Transmits velocity, release velocity, channel and polyphonic aftertouch. Programmable wheels, sliders, and CV pedals. 1,024 storable patches. Backlit 240 x 60-pixel graphic LCD. Mousepad and port for 3-button PC mouse. 8 MIDI outs, 128 independent MIDI channels. 48 programmable dynamic and aftertouch curves. 48 sys-ex tables, 128 user patch chains.

**DIMENSIONS** 47" W x 6" D x 6" H. 75 lbs.

**PEAVEY****DPM C8X**

**FEATURES** Transmits velocity, release velocity, and channel aftertouch. Programmable wheels, sliders, buttons, and CV pedals. 4 control sliders/buttons, 2 dual footswitch inputs, 3 control wheels, CV inputs, and aftertouch are assignable. 2 MIDI ins/outs with merge. 128 presets, arpeggiator, intelligent chord function, and guitar strum mode. Graphic velocity and pressure curves, quick program change, sequencer control, and 240 x 60 backlit display.

**DIMENSIONS** 51" W x 15-1/16" D x 5-1/8" H. 62 lbs., 7 oz.

**ROLAND****A-33**

**FEATURES** Transmits velocity, release velocity, and channel aftertouch. Programmable wheels and sliders. 32 storable user configurations.



Oberheim MC 3000

Reader Service No. 149



Roland A-90

Reader Service No. 148

2 MIDI outs. Sends MIDI clock start/stop. External in-socket (wall-wart) adaptor.

**DIMENSIONS** 47-1/6" W x 10-11/16" D x 4-3/16" H. 17 lbs., 12 oz.

**A-70**

**FEATURES** Transmits velocity, release velocity, and channel aftertouch. Programmable wheels, sliders, buttons, joystick, and CV pedals. 64 storable user configurations. Backlit graphic LCD. 4 MIDI outs, 17

assignable controllers. Roland patch name database. Sequencer controls. Optional VE-RD1 voice expander.

**DIMENSIONS** 49" W x 14-1/16" D x 5-3/8" H. 35 lbs., 4 oz.

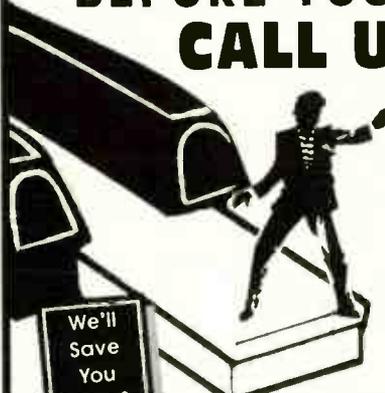
**PC-200 MkII**

**FEATURES** Transmits velocity and release velocity. Programmable sliders. External in-socket (wall-wart) adaptor.

**DIMENSIONS** 32-1/8" W x 6-1/8" D x 2-9/16" H. 5 lbs., 8 oz.

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READER SERVICE NO. 14

# Vital Stats: Keyboard Controllers

See listings on page 38.

MODEL	DESCRIPTION	KEYBOARD	ZONES	MSRP
<b>Doepfer PK-88</b>	MIDI master keyboard controller.	88 real hammer-action keys.		\$850.
<b>Edirol Roland PC-160</b>	MIDI master keyboard controller.	32 synth-action keys.	1 programmable zone. Assignable program changes, bank select, velocity response, and key range.	\$178.
<b>Edirol Roland PC-180</b>	MIDI master keyboard controller.	49 synth-action keys.	1 programmable zone. Assignable program changes, bank select, velocity response, and key range.	\$228.
<b>Evolution MK-12S Dance Station</b>	MIDI keyboard controller for use with computers.	25 synth-action keys.	Assignable program changes, bank select, transpose, and velocity response.	\$149.
<b>Evolution MK-161 Music Creator Pro 61</b>	MIDI keyboard controller for use with computers.	61 synth-action keys.	1 programmable zone. Assignable program changes, bank select, transpose, and velocity response.	\$219.
<b>Evolution MK-149 Music Creator Pro</b>	MIDI keyboard controller for use with computers.	49 synth-action keys.	1 programmable zone. Assignable program changes, bank select, transpose, and velocity response.	\$149.
<b>Kawai MP-9000</b>	MIDI master keyboard controller.	88 real hammer-action keys.	2 programmable zones. Assignable program changes, bank select, transpose, velocity response, and key range.	\$2,195.
<b>Korg SG Pro X</b>	MIDI master keyboard controller.	88 weighted-action keys.	10 programmable zones. Assignable program changes, bank select, transpose, velocity response, and key range.	\$2,600.
<b>Kurzweil PC88</b>	MIDI master keyboard controller.	88 weighted-action keys.	4 programmable zones. Assignable program changes, bank select, transpose, velocity response, and key range.	\$2,650.
<b>Kurzweil PC88MX</b>	MIDI master keyboard controller.	88 weighted-action keys.	4 programmable zones. Assignable program changes, bank select, transpose, velocity response, and key range.	\$3,150.
<b>Fatar StudioLogic SL-61</b>	MIDI master keyboard controller.	61 synth-action keys.	2 programmable zones. Assignable program changes, bank select, transpose, velocity response, and key range.	\$399.95.
<b>Fatar StudioLogic ST-49</b>	MIDI keyboard controller for use with computers.	49 synth-action keys.	1 programmable zone.	\$209.95.
<b>Fatar StudioLogic CMS-61</b>	MIDI keyboard controller for use with computers.	61 synth-action keys.	1 programmable zone. Assignable program changes, bank select, and transpose.	\$479.95.
<b>Fatar StudioLogic MP-113 Pedalboard</b>	MIDI pedal controller.	13 pedals.	1 programmable zone. Assignable program changes, bank select, and transpose.	\$450.
<b>Fatar StudioLogic MP-117 Pedalboard</b>	MIDI pedal controller.	17 pedals.	1 programmable zone. Assignable program changes, bank select, and transpose.	\$575.
<b>Fatar StudioLogic SL-1100</b>	MIDI master keyboard controller.	88 real hammer-action keys.	4 programmable zones. Assignable program changes, bank select, transpose, velocity response, and key ranges.	\$1,495.95.
<b>Fatar StudioLogic SL-161</b>	MIDI master keyboard controller.	61 weighted-action keys.	2 programmable zones. Assignable program changes, bank select, transpose, velocity response, and key range.	\$499.95.
<b>Fatar StudioLogic SL-2001</b>	MIDI master keyboard controller.	88 real hammer-action keys.	8 programmable zones. Assignable program changes, transpose, velocity response, and key range.	\$1,995.95.
<b>Fatar StudioLogic SL-760</b>	MIDI master keyboard controller.	76 semi-weighted, counterbalanced keys.	3 programmable zones. Assignable program changes, bank select, transpose, velocity response, and key range.	\$799.95.
<b>Fatar StudioLogic SL-880</b>	MIDI master keyboard controller.	88 real hammer-action keys.	4 programmable zones. Assignable program changes, bank select, transpose, velocity response, and key range.	\$1,295.95.
<b>Fatar StudioLogic SL-990</b>	MIDI master keyboard controller.	88 real hammer-action keys.	1 programmable zone. Assignable program changes, bank select, and velocity response.	\$1,095.95.
<b>Fatar StudioLogic ST-37</b>	MIDI keyboard controller for use with computers.	37 synth-action keys.	1 programmable zone.	\$149.95.
<b>Oberheim MC 2000</b>	MIDI master keyboard controller.	88 real hammer-action keys.	8 programmable zones. Assignable program changes, transpose, velocity response, and key range.	\$1,899.
<b>Oberheim MC 3000 Master Controller</b>	MIDI master keyboard controller.	88 real hammer-action keys.	16 programmable zones. Assignable transpose, velocity response, and key range.	\$2,399.
<b>Peavey DPM C8X</b>	MIDI master keyboard controller.	88 weighted-action, counterbalanced keys.	8 programmable zones. Assignable program changes, bank select, transpose, velocity response, and key range.	\$1,699.99.
<b>Roland A-33</b>	MIDI master keyboard controller.	61 weighted-action keys.	8 programmable zones.	\$695.
<b>Roland A-70</b>	MIDI master keyboard controller.	76 weighted-action keys.	8 programmable zones.	\$1,495.
<b>Roland PC-200 MkII</b>	MIDI keyboard controller for computers.	49 synth-action keys.	1 programmable zone.	\$295.

## Keyboard / Programmable Controllers

MODEL	DESCRIPTION	KEYBOARD	ZONES	MSRP
Roland PK-5	MIDI pedal controller.	13 pedals.		\$495.
Starr Labs UATH-108 MicroZone	MIDI master keyboard controller.	810 microtonal pads.	16 programmable zones. Assignable program changes, bank select, transpose, and velocity response.	\$9,495.
Yamaha CBX-K1	MIDI keyboard controller for use with computers.	37 mini-keys.	1 zone. Assignable program changes, bank select, and transpose.	\$199.95.
Yamaha CBX-K1XC	MIDI keyboard controller for use with computers.	37 mini-keys.	Assignable program changes, bank select, and transpose.	\$499.95.
Yamaha CBX-K2	MIDI master keyboard controller.	49 synth-action keys.	1 zone. Assignable program changes, bank select, transpose, and velocity response.	\$349.95.

Check these out, too! Synthesizers (page 12): Alesis QS6, QS7, and QS8; Generalmusic SK-76, Equinox 61, and Equinox 76; Roland JP-8000, JX-305, and XP-10. Digital Pianos (page 18): Roland A-90EX and RD-600; Yamaha P200.

**PK-5 Pedal Controller**

**FEATURES** Transmits velocity.  
**DIMENSIONS** 16-3/4" W x 22-1/6" D x 4-3/4" H. 17 lbs., 9 oz.

**STARR LABS****UATH-108 MicroZone**

**FEATURES** 810 velocity-sensitive microtonal keypads. Transmits velocity, channel aftertouch, and polyphonic aftertouch. Programmable wheels, sliders, buttons, ribbon, joystick, CV pedals, and breath. Included software generates tuning maps for Kurzweil K2500 and other synths in arrangements of up to 192 tones per octave. Removable keypad caps provide user-definable visual patterns. Programmable zones assignable to 32 onboard presets. Polyphonic key aftertouch. 4 programmable sliders and 4-way joystick. Road case.

**DIMENSIONS** 54.5" W x 18.75" D x 3.5" H. 85 lbs.

**YAMAHA****CBX-K1**

**FEATURES** Transmits velocity. Programmable wheels and buttons. MIDI in/out, mergeable in, octave shift, and transpose. Optional SUM-3 battery operation or PAIB/A3 AC power. Remote control functions. Supports all XG functions. 3-digit LED display.

**DIMENSIONS** 20" W x 6-1/8" D x 2-1/8" H. 2 lbs., 14 oz.

**CBX-K1XC**

**FEATURES** Transmits velocity. Programmable wheels and buttons. 3-digit LED display. 2 mergeable MIDI ins, 1 MIDI out. PA-38 and PA-1207 included. 32-note polyphony. XG tone generator. Built-in Mac/PC interface. Built-in stereo speakers. 128 MIDI-note range.

**DIMENSIONS** 20-1/6" W x 6-1/8" D x 2-3/16" H. 3 lbs., 4 oz.

**CBX-K2**

**FEATURES** Transmits velocity and polyphonic aftertouch. Programmable wheels, sliders, and buttons. 3-digit LED display. MIDI in/out. Battery-powered. Remote control functions. Supports all XG functions. Footswitch input.

**DIMENSIONS** 8" W x 3.2" D x 3.3" H. 6 lbs., 10 oz.

## Programmable Control Devices

**DOEPFER****Regelwerk**

**DESCRIPTION** Programmable MIDI faders.

**MSRP** \$750.

**FEATURES** Works with any MIDI-controllable device. 24 sliders, 1 alpha wheel. 2 assignable buttons per fader. 64 storable user configurations. 2 MIDI ins/outs, 1 sync connector. Sync-24 format. 8-track analog/MIDI trigger sequencer with 8 CV and gate outputs.

**DIMENSIONS** 19" W x 4" D x 8-3/4" H. 10 lbs.

**ENCORE****Knobby**

**DESCRIPTION** Programmable MIDI faders.

**MSRP** \$89.

**FEATURES** 6 programmable knobs and 4-way rocker switch designed for

Steinberg ReBirth RB-338 and programmable for general use. 1 storable user configuration. 1 MIDI in/out. External and battery power supplies included.

**DIMENSIONS** 9" W x 3" D x 1" H. 1 lb.

**JL COOPER****CS-102**

**DESCRIPTION** Programmable control surface for digital recording systems.  
**MSRP** \$599.95.

**FEATURES** SoftImage IDS controller. 8 sliders, 1 jog wheel. 23 storable user configurations. 1 MIDI in/out. SMPTE, MIDI, and Sony RS-422 sync formats. Optional CS-103 Expander for additional controls.

**DIMENSIONS** 13 lbs.

**FaderMaster Professional**

**DESCRIPTION** Programmable MIDI fader and digital recording system control surface.

**MSRP** \$549.95.

**FEATURES** 8 sliders, 10 buttons. 20 storable user configurations. 1 MIDI in/out. Optional FaderMaster Pro Remote software.

**DIMENSIONS** 12" W x 8" D x 2" H. 7 lbs.

**MCS Panner**

**DESCRIPTION** Programmable control surface for digital recording systems.  
**MSRP** \$499.95.

**FEATURES** 1 joystick, 2- or 3-axis joystick mechanism, 5 rotary encoders, and 8 buttons. 1 storable user configuration.

**DIMENSIONS** 5 lbs., 8 oz.

**MCS-3000 Media Command Station**

**DESCRIPTION** Programmable control surface for digital recording systems.  
**MSRP** \$1,999.95.

**FEATURES** 1 jog wheel. 1 storable user configuration. 1 MIDI in/out. SMPTE, MIDI, and Sony RS-422 sync formats. Simulated stone wrist rest. Optional Sony RS-422 interface.

**DIMENSIONS** 20" W x 10" D x 2" H. 20 lbs.

**MCS-3000x Expander**

**DESCRIPTION** Programmable control surface for digital recording systems.  
**MSRP** \$1,999.95.

**FEATURES** 8-fader MCS expander. 1 storable user configuration. 1 MIDI in/out. SMPTE and MIDI sync formats. Simulated stone wrist rest.

**DIMENSIONS** 15" W x 10" D x 2" H. 16 lbs.

**MCS-3400 Media Command Station**

**DESCRIPTION** Programmable control surface for digital recording systems.  
**MSRP** \$2,499.95.

**FEATURES** 4 sliders, 1 jog wheel. 1 storable user configuration. 1 MIDI in/out. SMPTE, MIDI, and Sony RS-422 sync formats. Simulated stone wrist rest. Optional Sony RS-422 interface.

**DIMENSIONS** 20" W x 10" D x 2" H. 20 lbs.

**MCS-3800 Media Command Station**

**DESCRIPTION** Programmable control surface for digital recording systems.  
**MSRP** \$2,999.95.

**FEATURES** SoftImage IDS controller. 8 sliders, 1 jog wheel. 1 storable user configuration. 1 MIDI in/out. SMPTE, MIDI, and Sony RS-422 sync formats. Simulated stone wrist rest.

**DIMENSIONS** 20" W x 10" D x 2" H. 20 lbs.

**MCS2 MIDI**

**DESCRIPTION** Programmable control surface for digital recording systems.  
**MSRP** \$299.95.

**FEATURES** 1 jog wheel. 9-pin RS-422, and AD8 sync formats. Optional RS-232 version available.

**DIMENSIONS** 9" W x 5" D x 1.25" H. 3 lbs., 4 oz.

**KAWAI****MCB10**

**DESCRIPTION** Programmable MIDI knobs.

**MSRP** \$199.

**FEATURES** Kawai K5000W, K5000R controller. 16 knobs. 1 MIDI in/out. Selectable channel, merged output.

**DIMENSIONS** 4-1/2" W x 4-1/4" D x 3" H. 2 lbs.

**KEYFAX****PhatBoy**

**DESCRIPTION** MIDI performance controller.

**MSRP** \$249.

**FEATURES** Controls Roland GS-, Yamaha XG-, and Creative Labs AWE 32/64 Gold-compatible sound sources, Steinberg ReBirth 1.5/2.0, or any synth, sampler, effects unit, or soundcard controllable by external sources. Knob control surfaces. MIDI in/out. Snapshot button sends out knob value for patch storage. Reset button restores original preset. Includes TwiddlyBits sample MIDI file library.

**DIMENSIONS** 10" W x 5" D x 2" H. 1 lb.

**KURZWEIL****ExpressionMate**

**DESCRIPTION** Add-on MIDI controller.

**MSRP** \$399.

**FEATURES** Controls any device with MIDI in. Sliders, 1 ribbon, 1 alpha wheel, 2 buttons, 2 footswitches, 2 breath controllers, 1 ribbon strip, and synchronous/asynchronous arpeggiator all programmable. 100 storable user configurations. 2 MIDI ins/outs. MIDI sync format. 2-line backlit LCD.

**DIMENSIONS** 8" W x 5" D x 2" H. 2 lbs.

**LEXICON****MPX R1**

**DESCRIPTION** MIDI remote controller.

**MSRP** \$579.

**FEATURES** Controls Lexicon MPX or as stand-alone MIDI controller. Programmable expression pedal with toe switch.

**DIMENSIONS** 23" W x 3" D x 8" H. 9 lbs., 8 oz.

**MACKIE****HUI**

**DESCRIPTION** Programmable MIDI faders and control surface for digital recording systems.

**MSRP** \$3,499.

**FEATURES** Controls Pro Tools 4.1 system III. 8 sliders, 1 jog wheel, 17 V-ports. Hardware-dependant number of storable user configurations. Standard detached AC power cord.

**DIMENSIONS** 20.85" W x 21.88" D x 6.77" H.

**UltraMix**

**DESCRIPTION** Programmable MIDI faders.

**MSRP** \$2,797.

**FEATURES** Controls any mixer with balanced or unbalanced insert points. 16 sliders, 41 buttons. CPU- and floppy capacity-dependant storable user configurations. Standard detached AC power cord. Includes Ultra 34 MIDI-controlled VCA, Ultra Pilot Work surface, and UltraMix Pro Software.

**DIMENSIONS** Ultra 34: 17.5" W x 11.75" D x 3.5" H. 15 lbs.; Ultra Pilot: 13.75" W x 9.5" D x 2.5" H. 5 lbs., 8 oz.

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#### MIDI SOLUTIONS

##### F8

**DESCRIPTION** MIDI footswitch controller.

**MSRP** \$329.

**FEATURES** Controls footswitches and any momentary contact to trigger MIDI events. 8 1/4" mono phone jack inputs. 1 MIDI in/out. Note, controller, pitchbend, program change, start/stop, and sys-ex messages programmable per switch. All settings retained after powering off. MIDI-powered. Power and MIDI activity LED.

**DIMENSIONS** 1U rackmount. 5 lbs.

##### Footswitch Controller

**DESCRIPTION** MIDI event generator.

**MSRP** \$99.

**FEATURES** Controls footswitches and any momentary contact to trigger MIDI events. 1/4" mono input. 1 storable user configuration. 1 MIDI in/out. MIDI sync format. Note, controller, pitchbend, program change, start/stop, and sys-ex control. MIDI channelize, note transpose, and tempo tap. Footswitch polarity automatically detected on power up. MIDI-powered. Power and MIDI activity LED.

**DIMENSIONS** 4-7/16" W x 2-3/8" D x 1-1/4" H. .25 lb.

##### P8

**DESCRIPTION** MIDI pedal controller.

**MSRP** \$329.

**FEATURES** Controls pedals or other variable resistances which can be used to control realtime MIDI parameters. 1 MIDI in/out. 8 1/4" stereo phone jack inputs. Controller, aftertouch, pitchbend, and sys-ex programmable per pedal input. All settings retained after powering off. MIDI-powered. Power and MIDI activity LED.

**DIMENSIONS** 1U rackmount. 5 lbs.

##### Pedal Controller

**DESCRIPTION** Continuous MIDI data generator.

**MSRP** \$99.

**FEATURES** Controls pedal or other variable resistance for realtime MIDI control. Stereo 1/4" stereo phone input. 1 storable user configuration. 1 MIDI in/out. Programmable controller, aftertouch, pitchbend, and sys-ex. All settings retained after powering off. MIDI-powered. Power and MIDI activity LED.

**DIMENSIONS** 4-7/16" W x 2-3/8" D x 1-1/4" H. .25 lb.

##### R8

**DESCRIPTION** MIDI-controlled relay array.

**MSRP** \$429.

**FEATURES** 8 1/4" mono phono inputs open or close in response to MIDI events. 1 MIDI in/out. Programmable note, controller, program change, and sys-ex events. All settings retained after powering off. Relay response time of less than 2ms, relay contacts rated at 0.5A. MIDI-powered. Power and MIDI activity LED.

**DIMENSIONS** 1U rackmount. 5 lbs.

##### Relay

**DESCRIPTION** MIDI-controlled relay switch.

**MSRP** \$99.

**FEATURES** 1/4" mono phone input opens or closes in response to MIDI events. 1 MIDI in/out. Programmable note, controller, program change, and sys-ex MIDI events. All settings retained after powering off. A fast reed relay is used for a response time of less than 2ms. Relay response time of less than 2ms, relay contacts rated at 0.5A. MIDI-powered. Power and MIDI activity LED.

**DIMENSIONS** 4-7/16" W x 2-3/8" D x 1-1/4" H. .25 lb.

#### STEINBERG

##### Niche Automation Station

**DESCRIPTION** MIDI and VCA automation control module.

**MSRP** \$299.

**FEATURES** 16 sliders, 5 rotary knobs, 23 buttons, 32 storable user configurations. 1 MIDI in/out. MIDI fader box provides realtime control over 16 track mixes. Fader values relative if physical fader position is different to eliminate unexpected volume jumps. Crossfade and grouping.

**DIMENSIONS** 18" W x 7.5" D x 2" H.

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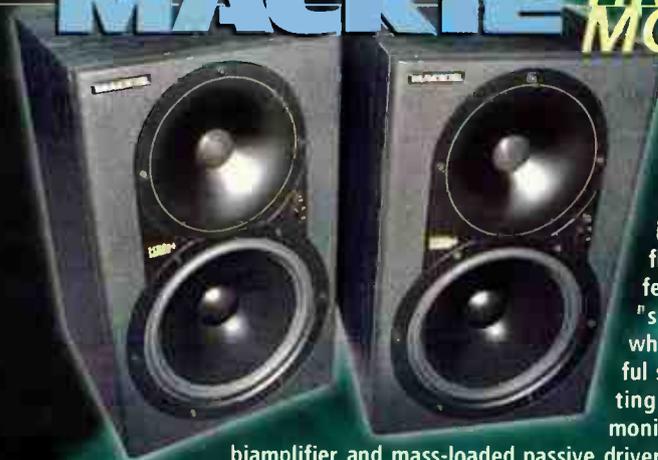
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World Radio History

# THINKING ABOUT HOME RECORDING?

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# MIDI Hardware

MIDI SEQUENCERS

MIDI PROCESSORS

MIDI RETROFITS

**A**

mong the MIDI Sequencers listed on the following page you will find traditional, record/edit/playback, data-manipulating types, but you'll also find several models that go way beyond just MIDI recording. Several have built-in sounds, and others emulate analog-style drum machines while incorporating some innovative sonic and technological twists.

MIDI Processors (next page) are the devices that sync, route, divide, merge, and multiply your MIDI signals so that everything in your studio operates smoothly. You'll find everything from simple passive MIDI interfaces to mega-channel MIDI patchbays. Also included are many devices that synchronize digital audio with MIDI or with different audio formats.

Got a beloved old electronic instrument that you'd love to bring up to date? Or how about that piano – maybe you'd get more use out of it if you could hook it up to your MIDI studio? Look for your solution in the MIDI Retrofits section (page 48).

# Vital Stats: MIDI Hardware Sequencers

MODEL	DESCRIPTION	# OF TRACKS	MAX. EVENTS	MSRP
<b>Alesis NanoTracker</b>	Sequencer.	Unlimited overdubs.	100,000	\$249
<b>Doepfer MAQ 16/3</b>	Analog-style sequencer.	3		\$699.
<b>Doepfer Schaltwerk</b>	Analog-style sequencer.	8		\$1395.
<b>Kawai ACR-20</b>	Sequencer and sound module.	16	50,000	\$1,398.
<b>Kawai DRP-10</b>	Sequencer and sound module.	16	50,000	\$1,099.
<b>Kawai Q-80EXE</b>	Sequencer.	32	100,000	\$499.
<b>Roland MC-303 Groovebox</b>	Drum machine with sequencer.	8	14,000	\$895.
<b>Roland MC-50 mkII Micro Composer</b>	Sequencer.	8	9,999	\$795.
<b>Roland MC-50S Groovebox</b>	Drum machine with sequencer.	8	95,000	\$1,595.
<b>Yamaha QY70</b>	Sequencer.	24	128,000	\$599.95.
<b>Yamaha QY700</b>	Sequencer.	48	440,000	\$1,495.

**Check these out, too!** Samplers (page 52): Akai MPC2000. Portable Keyboards (page 28): Kawai Z-1000. Drum Machines (page 80): Roland DR-202.

## MIDI Sequencers

### ALESIS

#### NanoTracker

**FEATURES** Up to 99 songs. Unlimited overdubs. 500 ppq @120 bpm. 100,000 internal, up to 1,600,000 events on flash card. Other editing: quantization only. Change time signature in song. Tempo map. Sync in. Sync out. Removable flash RAM card.

**DIMENSIONS** 5.5" W x 4.5" D x 1.5" H. 1.25 lbs.

### DOEPFER

#### MAQ 16/3

**FEATURES** 96 ppq resolution. Tracks can be assigned notes or controller data. 1 MIDI in and 1 MIDI out. 3 CV outs. 3 gate outs.

**DIMENSIONS** 19" W x 4 1/4" D x 7" H. 10 lbs.

#### Schaltwerk

**FEATURES** 96 ppq resolution. Up to 16 songs. Cut/copy/paste editing. Sync in. Sync out. 2 MIDI ins and 2 MIDI outs. 16 CV outs. 8 gate outs. Drum machine style trigger sequencer with 8 rows of 16 buttons. Patterns are appended into songs like drum machines.

**DIMENSIONS** 19" W x 4 1/2" D x 14" H. 12 lbs.

### KAWAI

#### ACR-20

**FEATURES** 96 ppq resolution. Built-in patterns. 1 MIDI in and 1 MIDI out. Direct play. Stereo input.

**SOUNDS** General MIDI sounds.

**DIMENSIONS** 12-1/2" W x 9-1/8" D x 3-1/8" H. 4.6 lbs.

#### DRP-10

**FEATURES** 96 ppq resolution. 1 MIDI in and 1 MIDI out. Direct play. Stereo input.

**SOUNDS** General MIDI sounds.

**DIMENSIONS** 12-1/2" W x 9-1/8" D x 3-1/8" H. 4.6 lbs.

#### Q-80EXE

**FEATURES** 92 ppq resolution. Up to 10 songs. Cut/copy/paste editing. Event editing. Change time signature in song. Tempo map. Disk drive.

1 MIDI in and 2 MIDI outs. Sync types: tape, internal, external.

**DIMENSIONS** 15-3/8" W x 9-1/4" D x 2-3/4" H. 4.9 lbs.

### ROLAND

#### MC-303 Groovebox

**FEATURES** 96 ppq resolution. Up to 10 songs. Built-in patterns/phrases. Cut/copy/paste editing. Realtime edit, realtime phrase sequencing. Change time signature in song. Tempo map. Sync in. Sync out. 1 MIDI in and 1 MIDI out. MIDI Clock. DP-2, FS-5 footswitch.

**SOUNDS** 448 onboard sounds. Onboard percussion sounds. 16 pad triggers.

**DIMENSIONS** 14-14/16" W x 9-10/16" D x 3-9/16" H. 6.6 lbs.

#### MC-50 mkII Micro Composer

**FEATURES** 96 ppq resolution. Up to 8 songs. Cut/copy/paste editing. Sync in. Sync out. Disk drive. MIDI sync. Tape Sync II. Maximum of 9,999 measures per song. Up to 8 internal songs (40,000 notes). 108 external songs (150,000 notes).

**DIMENSIONS** 11" W x 10-11/16" D x 1-7/8" H. 3.3 lbs.

#### MC-50S Groovebox

**FEATURES** 96 ppq resolution. Up to 50 songs. Built-in patterns/phrases. Cut/copy/paste editing. D-Beam edit, realtime edit, realtime phrase sequencing, microscope edit. Change time signature in song. Tempo map. Sync in. Sync out. 1 MIDI in and 1 MIDI out. MIDI Clock. SM-2, SM-4 Smart Media cards. 95,000 events per song expandable to 480,000. DP-2 or FS-5U footswitch optional.

**SOUNDS** 750 on-board sounds. On-board percussion sounds. 16 pad triggers.

**DIMENSIONS** 18-3/16" W x 12-5/8" D x 4-3/8" H. 11 lbs.

### YAMAHA

#### QY70

**FEATURES** 480 ppq resolution. Up to 20 songs. Built-in patterns/phrases. Voice editing. Change time signature in song. Tempo map. Sync in. Sync out. 1 MIDI in and 1 MIDI out. XG format sounds. 20 drum kits. 32,000 notes per song. XG compatibility. 2,000 phrase database. 128 x 64 LCD.

**SOUNDS** 519 onboard sounds. General MIDI sounds. Onboard percussion sounds. 25+ pad triggers.

**DIMENSIONS** 7-3/8" W x 4-1/8" D x 1-3/4" H. 1.18 lbs.

#### QY700

**FEATURES** 480 ppq resolution. Up to 20 songs. Built-in patterns/phrases. Cut/copy/paste editing. Modify velocity and gate. Chord sort and separate. Shift note, clock, event. Extract event. Crescendo. Thin out controllers. Voice editing, EQ, filter. Change time signature in song. Tempo map. Sync in. Sync out. Disk drive. 2 MIDI ins and 2 MIDI outs. 11 drum kits. 110,000 note memory. 3,800+ phrase database. Modulation/pitch wheels. 320 x 240 LCD. Supports MIDI Clock and MTC sync types.

**SOUNDS** 480 onboard sounds. General MIDI sounds. Onboard percussion sounds. 45+ pad triggers.

**DIMENSIONS** 13-7/8" W x 12" D x 3-1/2" H. 7.7 lbs.

## MIDI Processors

### CREAMWARE

#### Pulsar

**DESCRIPTION** MIDI interface for PC/Mac and digital audio sync generator with sampling, synthesis, DSP, and mixing.

**MSRP** \$1,298.

**FEATURES** PCI interface card for Pentium 200MHz and Mac-compatibles. ADAT optical, S/PDIF, and analog I/O. Realtime MIDI control of programs, configurations, and functions. 1 MIDI in/out. MTC, word clock, and ADAT sync formats. MIDI mixer automation. 16 ADAT optical or 4 in/4 out S/PDIF, and 4x analog I/O. 24-bit, 96kHz operation. Optional XLR and AES/EBU interface. Onboard realtime DSP and wavetable synthesis. Sample player. 24-channel digital mixer with FX. Supports multiple boards.

### Scope

**DESCRIPTION** MIDI interface for PC/Mac and digital audio sync generator with sampling, synthesis, DSP, and mixing.

**MSRP** \$6,500.

**FEATURES** PCI interface card for Pentium 200MHz or Mac-compatibles. Realtime MIDI control of programs, configurations, and functions. ADAT sync format. MIDI mixer automation, sampling, synthesis, and DSP. Realtime processing. 24-bit/96kHz operation. User-programmable object-oriented programming. Each base card provides 64 audio channels. Optional I/O available for all formats and sync formats. Inter-connectivity via Scope TDM bus. tripleDAT, TDMAT 16 DAW-compatible.

### DIGIDESIGN

#### SMPTe Slave Driver

**DESCRIPTION** Sync box and digital audio sync generator.

**MSRP** \$1,295.

**DIMENSIONS** 1U rackmount.

#### Universal Slave Driver

**DESCRIPTION** Sync box and digital audio sync generator.

**MSRP** \$1,995.

**FEATURES** Pro Tools and AudioVision support. SMPTe, MTC, word clock, Digidesign Super Clock, and AES/EBU null clock sync.

**DIMENSIONS** 1U rackmount.

#### Video Slave Driver

**DESCRIPTION** Sync box and digital audio sync generator.

**MSRP** \$995.

**FEATURES** Word clock and Digidesign Super Clock sync formats.

**DIMENSIONS** 1U rackmount.

### DIGITAL MUSIC

#### Ground Control

**DESCRIPTION** MIDI foot controller.

**MSRP** \$299.

**FEATURES** 1 MIDI out. Sends 8 program changes at a time, start/stop sequencer. Large LED display. 100 presets, 360 with optional memory upgrade. 2 ports for continuous controllers. Controls VCA in Digital Music System Mix Plus. Realtime MIDI control of programs, configurations, or functions.

**DIMENSIONS** 21" W x 6" D x 1.5" H. 5 lbs., 8 oz.

**MX-28M**

**DESCRIPTION** MIDI patchbay and merger.

**MSRP** \$149.

**FEATURES** 2 MIDI ins/8 outs. Transpose, mapping, transposition. LED data indicators, panic button. Realtime MIDI control of programs, configurations, or functions.

**DIMENSIONS** 8.87" W x 3.25" D x 1.5" H. 3 lbs.

**MX-28S**

**DESCRIPTION** MIDI patchbay.

**MSRP** \$89.

**FEATURES** 2 MIDI ins/8 outs. Output disable, LED data indicators. Realtime MIDI control of programs, configurations, or functions.

**DIMENSIONS** 8.87" W x 2.25" D x 1.5" H. 2 lbs.

**MX-8**

**DESCRIPTION** MIDI patchbay.

**MSRP** \$399.

**FEATURES** 6 MIDI ins/8 outs. Transpose, patch mapping, velocity scale/compan, velocity cross-switch, MIDI delay, and patch chaining. Panic button, alpha-numeric display. Realtime MIDI control of programs, configurations, or functions.

**DIMENSIONS** 1U rackmount. 6 lbs.

**DOEPFER**

**MCV4**

**DESCRIPTION** MIDI-to-CV interface.

**MSRP** \$120.

**FEATURES** 1 MIDI in/14 thru connectors. 1 gate, 4 CV outputs for note on/off, mono aftertouch, velocity, volume, or any controller.

**EDIROL**

**Roland Super MPU-II**

**DESCRIPTION** MIDI interface for PC.

**MSRP** \$98.

**FEATURES** ISA interface card for PC running Windows 95/98. 2 MIDI ins/out. MTC sync format.

**Roland Super MPU-64**

**DESCRIPTION** USB MIDI interface.

**MSRP** \$249.

**FEATURES** For PC and compatibles running Windows 98 via USB port. 4 MIDI ins/outs. MTC sync format.

**DIMENSIONS** 8-1/2" W x 4" D x 2" H.

**EMAGIC**

**Unitor 8**

**DESCRIPTION** MIDI interface for PC/Mac, sync box, MIDI patchbay.

**MSRP** \$799.

**FEATURES** 8 mergeable MIDI ins/out. SMPTE, MTC, and VTC sync formats. Performs MIDI filtering and generates MIDI status bytes based on click input. 8 units linkable for up to 1,024 MIDI channels.

**DIMENSIONS** 2U rackmount.

**ENCORE**

**Expressionist**

**DESCRIPTION** MIDI-to-CV interface.

**MSRP** \$599.

**FEATURES** Realtime MIDI control of programs, configurations, and functions.

**DIMENSIONS** 1U rackmount.

**JL COOPER**

**DataMaster**

**DESCRIPTION** Sync box.

**MSRP** \$649.95.

**FEATURES** Syncs ADAT via SMPTE to analog recorders and ADAT via MTC to hard disk recorders. SMPTE reader/generator with flywheeling. Sample-accurate. Translates ADAT control functions to and from MMC. User-selectable offset times. Chase and park for cueing. Backlit LCD with contrast control. MIDI merging. One-year warranty.

**DIMENSIONS** 1U rackmount. 9 lbs.

**DataSync2**

**DESCRIPTION** Sync box.

**MSRP** \$299.95.

**FEATURES** Sends MTC, SMPTE, and MIDI Clock with SPP. No wasted track for sync. Front-panel controls. Battery-backed memory saves tempo and meter data. MIDI merging input. Includes two 9-pin sync cables. MMC implementation.

**DIMENSIONS** 1/2U rackmount. 6 lbs.

**MLA-1**

**DESCRIPTION** MIDI line amplifier.

**MSRP** \$369.95.

**FEATURES** 4 MIDI ins/outs. Extends MIDI cable runs to over 1,000 feet. Panel-mount version. All barrier strip connections. Uses common twisted-pair wire. Multiple units networkable. Can be used in pairs or in combination with MLA-10s.

**DIMENSIONS** 6.6" W x .85" D x 6.2" H. 2 lbs.

**MLA-10**

**DESCRIPTION** MIDI line amplifier.

**MSRP** \$499.95.

**FEATURES** 4 MIDI ins/outs. Detachable terminal strip connectors. MIDI activity LED. Extends MIDI cable runs to over 1,000 feet. Uses common twisted-pair wire. Multiple units networkable. Self-powered. Can supply power to multiple MLA-1s. Front-panel power switch. Brushed aluminum finish, heavy-duty rack enclosure.

**DIMENSIONS** 1U rackmount. 3 lbs., 4 oz.

**MMC 9-Pin**

**DESCRIPTION** MMC-to-Sony 9-pin connector.

**MSRP** \$499.95.

**FEATURES** SMPTE (RCA), MTC out. Allows remote control of VTRs from any PC.

**PPS-2**

**DESCRIPTION** Sync box.

**MSRP** \$169.95.

**FEATURES** SMPTE, FSK sync modes. SMPTE jam sync/regeneration. 1 MIDI in with auto merge and 1 MIDI out. SMPTE stripe can be started at any time. SMPTE 24, 25, 30, and 50 drop rates formats supported. Optional MTC-to-SMPTE connection and PPS-2 software for Macintosh and Windows.

**DIMENSIONS** 1/4U rackmount. 3 lbs.

**PPS-100**

**DESCRIPTION** Sync box and event generator.

**MSRP** \$449.95.

**FEATURES** Realtime MIDI control. 2 MIDI ins/outs. Reads and writes SMPTE, FSK, SPP, DTL, DIN sync, and ppqn sync.

**DIMENSIONS** 1U rackmount. 8 lbs.

**MARK OF THE UNICORN**

**Digital Timepiece**

**DESCRIPTION** Sync box and digital audio sync generator.

**MSRP** \$995.

**FEATURES** ADAT, DAB8, Digidesign, S/PDIF sync, Sony 9-pin, MMC, SMPTE, video-sync, VTC, SMPTE, MTC, word clock, Digidesign Super Clock, and ADAT sync formats. Universal synchronizer for SMPTE, digital audio, and video systems.

**FastLane**

**DESCRIPTION** MIDI interface for Mac.

**MSRP** \$59.

**FEATURES** 1 MIDI in/3 outs for Macintosh MIDI interface. Compatible with all Mac MIDI software. MIDI thru button. Status lights for visual MIDI transmission confirmation. Includes serial cable. Self-powered.

**DIMENSIONS** 6" W x 1-7/8" D x 1-3/4" H. 4 oz.

**Micro Express**

**DESCRIPTION** MIDI interface for PC/Mac, sync box, MIDI patchbay.

**MSRP** \$295.

**FEATURES** 4 mergeable MIDI ins/6 outs, 96 MIDI channels. SMPTE, MTC, and MMC sync formats. Macintosh and PC/Windows 3.x/95. Can connect both Mac and PC concurrently and as stand-alone MIDI patchbay/merger/processor. SMPTE tape sync in all formats. Supports MIDI Machine Control transport messages. 16 presets with 8 programmable, battery-backed programs. Internal power supply. Includes software console for Macintosh and Windows, Mac serial cable and PC parallel cable.

**DIMENSIONS** 1/2U rackmount.

**MIDI Express XT**

**DESCRIPTION** MIDI interface.

**MSRP** \$395.

**FEATURES** 8 mergeable MIDI ins/8 outs, 128 MIDI channels. For Macintosh and PC/Windows 3.x/95. SMPTE, MTC, and MMC sync formats. Can connect both concurrently or work as stand-alone MIDI patchbay/merger/processor. SMPTE tape sync in all formats. Front-panel presets. Converts audio click into MIDI data. 16 presets with 8 programmable, battery-backed programs. Includes software for Macintosh and Windows. Internal power supply.

**DIMENSIONS** 1U rackmount.

**MIDI Timepiece AV**

**DESCRIPTION** MIDI interface for PC/Mac, sync box, MIDI patchbay, and digital audio sync generator.

**MSRP** \$595.

**FEATURES** 8 mergeable MIDI ins/outs, 128 MIDI channels. SMPTE, MTC, FSK, MMC, word clock, Digidesign Super Clock, and ADAT sync formats. Macintosh and PC/Windows 3.x/95. MIDI patchbay/merger/processor. Synchronization for ADAT, digital audio, and video. ADAT Sync Out, Word Sync Out, and Video Sync In. 8x8 MIDI merge matrix. Front-panel programmable. Includes software for Mac and Windows. Realtime MIDI control of programs, configurations, and functions. MIDI filtering. SMPTE time-code generator and reader, converts LTC to MTC, ADAT Sync, and word clock. Converts MTC to LTC, ADAT Sync, and word clock. Supports all SMPTE frame rates (24, 25, 29.97 drop/non-drop, 30 drop/non-drop).

**DIMENSIONS** 1U rackmount.

**PC-MIDI Flyer**

**DESCRIPTION** MIDI interface for PC.

**MSRP** \$79.

**FEATURES** For PC and compatibles running Windows 3.x/95. 2 MIDI ins/outs, 32 MIDI channels. Compatible with all Windows MIDI software. MIDI bypass button.

**DIMENSIONS** 3-3/4" W x 4" D x 1-1/4" H. 9.6 oz.

**Pocket Express**

**DESCRIPTION** MIDI interface for PC/Mac, sync box.

**MSRP** \$165.

**FEATURES** 2 mergeable MIDI ins/4 outs. SMPTE and MTC sync formats. 32-channel MIDI/SMPTE interface. 32 MIDI channels. Compatible with all Mac and Windows MIDI software. Full SMPTE sync in all formats.

**DIMENSIONS** 6-3/4" W x 3-3/4" D x 1-1/4" H. 1 lb. 3 oz.

**MIDI SOLUTIONS**

**F8**

**DESCRIPTION** MIDI footswitch controller.

**MSRP** \$329.

**FEATURES** Controls footswitches and any momentary contact to trigger MIDI events. 8 1/4" mono phone jack inputs. 1 MIDI in/out. Note, controller, pitchbend, program change, start/stop, and sys-ex messages programmable per switch. All settings retained after powering off. MIDI-powered. Power and MIDI activity LED.

**DIMENSIONS** 1U rackmount. 5 lbs.

**Footswitch Controller**

**DESCRIPTION** MIDI event generator.

**MSRP** \$99.

**FEATURES** Controls footswitches and any momentary contact to trigger MIDI events. 1/4" mono input. 1 storable user configuration. 1 MIDI in/out. MIDI sync format. Note, controller, pitchbend, program change, start/stop, and sys-ex control. MIDI channelize, note transpose, and tempo tap. Footswitch polarity automatically detected on power up. MIDI-powered. Power and MIDI activity LED.

**DIMENSIONS** 4-7/16" W x 2-3/8" D x 1-1/4" H. .25 lb.

**M8**

**DESCRIPTION** MIDI merger.

**MSRP** \$279.

**FEATURES** 8 MIDI in/1 out merger. Sys-ex and MTC messages merged. MIDI-powered. Power and MIDI activity LED display. MTC, MMC, and MIDI System Realtime sync format.

**DIMENSIONS** 1U rackmount. 5 lbs.

**Mapper**

**DESCRIPTION** Realtime MIDI mapper.

**MSRP** \$99.

**FEATURES** Maps MIDI messages from one type to another in real time. 1 MIDI in/out. MTC, MMC, and MIDI System Realtime sync formats. Controller, program change, channel pressure, pitchbend, note numbers, and note velocity message types. All settings retained after powering off. MIDI-powered. Power and MIDI activity LED display. Realtime MIDI control of programs, configurations, and functions.

**DIMENSIONS** 4-7/16" W x 2-3/8" D x 1-1/4" H. .25 lb.

**Merger**

**DESCRIPTION** MIDI merger.

**MSRP** \$79.

**FEATURES** 2 mergeable MIDI ins/1 out. Sys-ex and MTC messages merged. MIDI-powered. Power and MIDI activity LED display. MTC, MMC, and MIDI System Realtime sync formats.

**DIMENSIONS** 4-7/16" W x 2-3/8" D x 1-1/4" H. .25 lb.

**P8**

**DESCRIPTION** MIDI pedal controller.

**MSRP** \$329.

**FEATURES** Controls pedals or other variable resistances which can be used to control realtime MIDI parameters. 1 MIDI in/out. 8 1/4" stereo phone jack inputs. Controller, aftertouch, pitchbend, and sys-ex programmable per pedal input. All settings retained after powering off. MIDI-powered. Power and MIDI activity LED.

**DIMENSIONS** 1U rackmount. 5 lbs.

**Pedal Controller**

**DESCRIPTION** Continuous MIDI data generator.

**MSRP** \$99.

**FEATURES** Controls pedal or other variable resistance for realtime MIDI control. Stereo 1/4" stereo phone input. 1 storable user configuration. 1 MIDI in/out. Programmable controller, aftertouch, pitchbend, and sys-ex. All settings retained after powering off. MIDI-powered. Power and MIDI activity LED.

**DIMENSIONS** 4-7/16" W x 2-3/8" D x 1-1/4" H. .25 lb.

**Quadra Merge**

**DESCRIPTION** MIDI merger.

**MSRP** \$129.

**FEATURES** 4 mergeable MIDI ins/1 MIDI out. Sys-ex and MTC messages merged. MIDI-powered. Power and MIDI activity LED display. MTC, MMC, and MIDI System Realtime sync formats.

**DIMENSIONS** 4-7/16" W x 2-3/8" D x 1-1/4" H. .25 lb.

**Quadra Thru**

**DESCRIPTION** Active MIDI thru box.

**MSRP** \$59.

**FEATURES** 1 MIDI in/4 thru box. Cleans up MIDI data bit skewing at input. MIDI-powered. Power and MIDI activity LED display. MTC, MMC, and MIDI System Realtime sync formats.

**DIMENSIONS** 4-7/16" W x 2-3/8" D x 1-1/4" H. .25 lb.

**R8**

**DESCRIPTION** MIDI-controlled relay array.

**MSRP** \$429.

**FEATURES** 8 1/4" mono phono inputs open or close in response to MIDI events. 1 MIDI in/out. Programmable note, controller, program change, and sys-ex events. All settings retained after powering off. Relay response time of less than 2ms, relay contacts rated at 0.5A. MIDI-powered. Power and MIDI activity LED.

**DIMENSIONS** 1U rackmount. 5 lbs.

**Relay**

**DESCRIPTION** MIDI-controlled relay switch.

**MSRP** \$99.

**FEATURES** 1/4" mono phono input opens or closes in response to MIDI events. 1 MIDI in/out. Programmable note, controller, program change, and sys-ex MIDI events. All settings retained after powering off. Relay response time of less than 2ms, relay contacts rated at 0.5A. MIDI-powered. Power and MIDI activity LED.

**DIMENSIONS** 4-7/16" W x 2-3/8" D x 1-1/4" H. .25 lb.

**Router**

**DESCRIPTION** MIDI message router.

**MSRP** \$99.

**FEATURES** 1 MIDI in/2-out router/filter and MIDI rechannelizer. MTC, MMC, and MIDI System Realtime sync formats. Note, pressure controller, program change, pitchbend, and sys-ex data types. Keyboard range data type allows notes to be split into ranges with all other channel messages sent to both ranges. All settings retained after powering off. MIDI-powered. Power and MIDI activity LED indicator. Realtime MIDI control of programs, configurations, and functions. MIDI filtering.

**DIMENSIONS** 4-7/16" W x 2-3/8" D x 1-1/4" H. .25 lb.

**T8**

**DESCRIPTION** Active MIDI thru box.

**MSRP** \$199.

**FEATURES** 1 MIDI in/8-out thru box. Cleans up MIDI data bit skewing at inputs. MIDI-powered. Power and MIDI activity LED display. MTC, MMC, and MIDI System Realtime sync formats.

**DIMENSIONS** 1U rackmount. 5 lbs.

**Thru**

**DESCRIPTION** Active MIDI thru box.

**MSRP** \$49.

**FEATURES** 1 MIDI in/2 thrus. Cleans up MIDI data bit skewing at input.

MIDI-powered. Power and MIDI activity LED display. MTC, MMC, and MIDI System Realtime sync formats.

**DIMENSIONS** 4-7/16" W x 2-3/8" D x 1-1/4" H. .25 lb.

**Velocity Converter**

**DESCRIPTION** MIDI velocity processor.

**MSRP** \$99.

**FEATURES** Applies selected velocity curves to incoming MIDI velocity data with 40 preset or user-defined curves. 1 MIDI in/out. MTC, MMC, and MIDI System Realtime sync formats. Each MIDI channel assignable to different curve. All settings retained after powering off. MIDI-powered. Power and MIDI activity LED display. Realtime MIDI control of programs, configurations, and functions.

**DIMENSIONS** 4-7/16" W x 2-3/8" D x 1-1/4" H. .25 lb.

**OP CODE**

**Music Quest 2 Port/SE**

**DESCRIPTION** MIDI interface for PC.

**MSRP** \$199.95.

**FEATURES** 2 MIDI ins/2 outs/1 thru for PCs running Windows 3.1/95.

SMPTTE and MTC sync formats. External in-socket (wall-wart) adapter.

**DIMENSIONS** 6.6" W x 4" D x 1.5" H. 3 oz.

**Music Quest MQX-32 M**

**DESCRIPTION** MIDI interface for PC.

**MSRP** \$249.95.

**FEATURES** 2 MIDI ins/outs for PCs running Windows 3.1/95. SMPTTE sync format.

**DIMENSIONS** 1" W x 6.5" D x 5" H. 3 oz.

**Music Quest PC MIDI Card II**

**DESCRIPTION** MIDI interface for PC.

**MSRP** \$99.95.

**FEATURES** 1 MIDI in/out PC interface card for Windows 3.1/95 and MPU-401 uart mode for DOS software.

**Studio 128X**

**DESCRIPTION** MIDI interface for Mac/PC.

**MSRP** \$429.

**FEATURES** 8-in/9-out MIDI patchbay for PC/486MHz or faster running Windows 3.1/95/98 and Macs/68030 or faster running OS 7/8. 128 MIDI channels. Reads/writes all formats of SMPTTE and converts to MTC, passes/routes MMC commands. 8 user-programmable patchbay configurations selectable from front panel, computer, or patch change. Footswitch/trigger input. Limited networking on the Mac with another 128X, 64XTC, or the Studio 4. Networks on a PC with Windows 98 only. OMS studio patches support (Mac only). Works with all Mac OMS and Windows 95 or 3.1 software.

**DIMENSIONS** 1U rackmount. 6 lbs.

**Studio 51X**

**DESCRIPTION** MIDI interface for Mac, sync box, and MIDI patchbay.

**MSRP** \$1,195.

**FEATURES** 15 mergeable MIDI ins/outs/2 thru connectors, 240 MIDI channels. SMPTTE, MTC, and MMC sync formats. Realtime MIDI control of programs, configurations, or functions. OMS Studio patch editor. Networkable.

**DIMENSIONS** 2U rackmount. 8 lbs.

**Studio 64XTC**

**DESCRIPTION** MIDI interface for PC/Mac, sync box, MIDI patchbay, and digital audio sync generator.

**MSRP** \$495.95.

**FEATURES** 4 mergeable MIDI ins/6 MIDI outs for Mac OS and Windows 3.1/95. SMPTTE, MTC, MMC, word clock, Digidesign Super Clock, and ADAT sync formats. OMS-compatible. Sends Super Clock and word clock simultaneously for sample-accurate lock up between Super Clock Digidesign gear and any word clock device. Realtime MIDI control of programs, configurations, or functions. Black burst/video reference in. Sony 9-pin video control option. External in-socket (wall-wart) adapter.

**DIMENSIONS** 1U rackmount. 2 lbs., 3 oz.

**Studio 64X**

**DESCRIPTION** MIDI interface for PC/Mac, sync box, and MIDI patchbay.

**MSRP** \$319.95.

**FEATURES** 4 mergeable MIDI ins/6 outs/1 thru for Mac OS and Windows 3.1/95. SMPTTE, MTC, and MMC sync formats. OMS compatible. Supports OMS Studio Patches on Mac. Realtime MIDI control of programs, configurations, or functions. External in-socket (wall-wart) adapter.

**DIMENSIONS** 1U rackmount. 2 lbs.

**Translator II**

**DESCRIPTION** MIDI interface for Mac.

**MSRP** \$59.95.

**FEATURES** 1 MIDI in/3 outs/1 MIDI thru connectors.

**DIMENSIONS** 4" W x 3" D x 1.25" H. .3 lbs.

**Translator PC**

**DESCRIPTION** MIDI interface for PC.

**MSRP** \$129.95.

**FEATURES** 2 MIDI ins/2 outs/1 MIDI thru box for PCs running Windows 3.1/95. Up to 4 units dockable for up to 128 MIDI channels.

**DIMENSIONS** 4.1" W x 3.3" D x 1.3" H. 4 oz.

**Translator Pro**

**DESCRIPTION** MIDI interface for Mac.

**MSRP** \$109.95.

**FEATURES** 2 MIDI ins/6 outs/2 thru connectors.

**DIMENSIONS** 9" W x 6" D x 1.6" H. 1 lb., 4 oz.

**PEAVEY**

**PC 1600x**

**DESCRIPTION** MIDI control station.

**MSRP** \$399.99.

**FEATURES** 16 assignable faders, 16 assignable buttons, 2 assignable CV inputs, assignable footswitch input. 1 mergeable MIDI in/out/thru. MIDI transpose and filtering. User presets, user scenes, three merge modes. Data wheel can be linked to any fader. Realtime MIDI control of programs, configurations, or functions.

**RUSSIAN DRAGON**

**RD-R3**

**DESCRIPTION** Timing accuracy meter.

**MSRP** \$299.

**FEATURES** Measures timing and accuracy of musicians or machines by indicating if signal is rushing or dragging. For tightening up music tracks, verifying machine sync, and setting delay time of a delayed loudspeaker.

**DIMENSIONS** 1U rackmount. 3 lbs.

**SOUNDSCAPE**

**Rosendahl WIF**

**DESCRIPTION** Sync box.

**MSRP** \$775.

**FEATURES** Converts LTC to MTC, word clock or x256 Super Clock; VTC to MTC, word clock, or x256 Super Clock. Resolves word clock or x256 Super Clock to composite sync. Supports 48kHz and 44.1kHz sample rates. Fast lock up time and low jitter dock. Other models available for bi-phase, VTC, and LTC.

**DIMENSIONS** 4.48" W x 1.26" D x 6.61" H. 1.8 lbs.

**STEINBERG**

**ACI ADAT Computer Interface**

**DESCRIPTION** Sync box and ADAT sync-to-MTC converter.

**MSRP** \$399.

**FEATURES** 1 MIDI in/out. MTC, MMC, and ADAT sync formats. Converts ADAT sync to MTC, sends MMC to ADAT. Allows Cubase VST or any MIDI sequencer utilizing MMC to control ADAT tape transport functions. Does not use ADAT track for sync. Optional rackmount adaptor kit.

**DIMENSIONS** 1/2U rackmount.

**WAVEFRONT**

**MIDI-Wave**

**DESCRIPTION** MIDI-to-CV interface.

**MSRP** \$675.

**FEATURES** 11 mergeable MIDI ins/1 out/2 thru connectors. Realtime MIDI control of programs, configurations, or functions. MIDI patch mapping. Converts theremin or continuous analog signal to MIDI note-on and pitchbend. 128 programmable patches. Real-time pitch readout.

**DIMENSIONS** 1U rackmount. 3 lbs.

**MIDI Retrofits**

**BIG BRIAR**

**Lintronics MIDI Controller**

**DESCRIPTION** MIDI retrofit for the Minimoog by Bob Moog.

**MSRP** Kit, \$295; installed, \$495.

**FEATURES** Receives pitchbend and modulation. User-installable.

## ENCORE ELECTRONICS

## JP8MK

**DESCRIPTION** Roland Jupiter-8 MIDI retrofit and memory expansion.  
**MSRP** \$275.

**FEATURES** Receives pitchbend, modulation, and continuous controllers. User-installable. Additional 64 patches, dual-channel MIDI response, all functions are programmable from the front panel. Sends and receives controllers for real-time performance editing. Arpeggiator syncs to MIDI clock. Sys-ex patch transfer.

## QB8MK

**DESCRIPTION** Oberheim QB8 MIDI retrofit.  
**MSRP** \$175.

**FEATURES** User-installable. Responds to pitchbend, modulation, sustain, tune request, and sys-ex patch transfers. Transmits note, pitchbend, and modulation. Retains current parameters when powered down.

## OBXMK

**DESCRIPTION** Oberheim OBX MIDI retrofit and memory expansion.  
**MSRP** \$250.

**FEATURES** Responds to pitchbend, modulation, sustain, VCF control, tune request, and other various controllers. Transmits notes, and tune request. The memory has been expanded from 32 to 120 patches; can be saved via sys-ex. Original factory sounds in ROM.

## SMK

**DESCRIPTION** Moog Source MIDI retrofit.  
**MSRP** \$225.

**FEATURES** Receives pitchbend and the following controllers: resonance from CC 11, portamento from CC 5, filter cutoff from NRPN 2. User-installable. Expands patches from 16 to 256. Responds to patch change, filter control, and sys-ex patch transfers. Internal arpeggiator syncs to MIDI clock.

## JKJ ELECTRONICS

## CV-4

**DESCRIPTION** MIDI-to-CV converter for monophonic analog synths.  
**MSRP** \$199; Hz/V option, \$25.

**FEATURES** External unit or internal board. Pitch, gate/S-trigger, and filter outputs. Assignable output for duophonic CV or AUX controller. High quality portamento, pitchbend, and LFOs. Many controller routings. DIN sync out. Receives pitchbend, modulation, and the following controllers: velocity, aftertouch, and CC# 1, 2, 3, 4, 11, 64, and 65. User-installable.

## PME ENGINEERING

Daughterboard Docking Station  
(DBDS Box)

**DESCRIPTION** Daughterboard to module converter.  
**MSRP** \$159.

**FEATURES** Turns GM, XG wavetable daughterboard normally used with soundcard into stand-alone external MIDI sound modules. MIDI in, MIDI thru, and audio line outputs. User-installable.

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details.

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READER SERVICE NO. 26

# GearTalk DIGITAL AUDIO SEQUENCERS

Audio sequencers combine two of today's hottest technological breakthroughs: MIDI sequencing and random access hard disk recording. Nothing beats the creative freedom of a computer-based MIDI/Digital Audio rig, regardless of your musical style. Here are four of the leading programs — all proven, multi-award winning, professional powerhouses!

## Cakewalk Pro Audio 7

The undisputed leader in Windows based sequencing. **Cakewalk** is now pumped up with even more recording and effects processing power, on-screen consoles with aux sends and returns, Yamaha DSP Factory support, online tutorials, real-time MIDI control and beyond! Yet even with all this new power, the interface is easier than ever to use with dockable toolbars, streamlined menus and faster access to editing. Music, films, games or even for live performance . . . **Cakewalk Pro Audio 7** makes it easy!



## Digital Performer 2.4

Years of hit records, film scores and concert tours are reflected in the design of **Mark of the Unicorn's Digital Performer**. Version 2.4 includes dozens of real-time audio and MIDI plug-ins including arpeggiator, tube pre-amp, eVerb, Sonic Modulator, 40-band EQ per track, Chorus, Flange, Echo, Dynamics, DC offset removal and more! Also plug-in grouping, 24-bit recording, stereo tracks, drag and drop audio transfers with samplers, PureDSP stereo pitch shifting and time stretching. **Digital Performer** offers the best combination of advanced features and power.



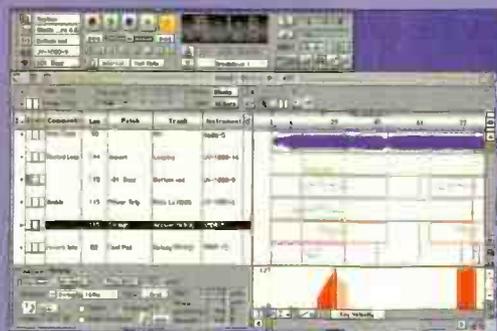
## Logic Audio Platinum 3.5

960 PPQ! Simultaneous multiple hardware support! Stereo Sample Editor! Audio Cycle Record! Non-destructive realtime crossfades! 24-Bit support! New improved, easier to use user interface! Hit after hit is being made with **Logic Audio** from **Emagic!** A myriad of plug-in options from TDM to VST to Premiere, all with real-time DSP. BIAS Peak SE (for Mac) or Cool Edit Pro LE (for Windows) bundled at no additional charge! Want a configurable user interface that lets you choose how to work? Want professional score publishing? Have it all with **Logic!**



## Studio Vision Pro 4.0

With over 100 new user-requested features and a streamlined interface, **Opcode** proves that powerful software can also be easy to use. The goal of **Studio Vision Pro 4.0** is first and foremost one of ultimate musicality and user friendliness. After literally inventing the category of integrated MIDI and Audio software, Opcode has refined the art in stunning fashion, winning many thousands of dedicated fans around the world. Now you're in control . . . so you set the course. What's your **Studio Vision?**



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READER SERVICE NO. 17

# Samplers



Samplers become more powerful, more sophisticated, and less expensive with each passing year. But among the traditional menu-heavy, RAM-loaded, ultra-polyphonic super-samplers on the following pages, you'll also find several that harken back to an older, simpler way of working: the sampling drum machine/sequencer. Designed mostly for the DJ or remix artist, these user-friendly machines are helping to fuel the fire behind the popularity of the dance music scene. Other interesting surprises include a software sampler and a portable phrase sampler.

# Vital Stats: Samplers

MODEL	TYPE	MEMORY	POLYPHONY	CD-ROM COMPATIBILITY	MSRP
<b>Akai MPC2000</b>	Tabletop electronic percussion sampler.	2MB/32MB maximum	32 voices	Akai, E-mu (v. 1.5), Roland (v. 1.5)	\$1,499
<b>Akai S20</b>	Tabletop phrase sampler	1MB/17MB maximum		Akai floppy format only	\$649
<b>Akai S2000</b>	Rackmount sampler	2MB/32MB maximum	32 voices	Akai, E-mu, Roland	\$899
<b>Akai S3000XL</b>	Rackmount sampler	2MB/32MB maximum	32 voices	Akai, E-mu, Roland	\$1,499
<b>Akai S5000</b>	Rackmount sampler	8MB/256MB maximum	64 voices/ 128 maximum		\$1,999
<b>Akai S6000</b>	Rackmount sampler	8MB/256MB maximum	128 voices		\$2,999
<b>CreamWare Scope</b>	PC software sampler				\$6,500
<b>E-mu ESI-4000 6225</b>	Rackmount sampler	16MB/128MB maximum			\$1,449
<b>E-mu ESI-4000 Turbo 6226</b>	Rackmount sampler	16MB/128MB maximum	64 voices		\$1,949
<b>E-mu ESI-4000 Turbo Zip 6227</b>	Rackmount sampler	16MB/128MB maximum	64 voices		\$2,149
<b>Ensoniq ASR-X</b>	Dance-oriented sampler	2MB/34MB maximum	32 voices		\$1,595
<b>Gemini DS-1224</b>	Dance-oriented sampler				\$239
<b>Gemini DS-2024</b>	Rackmount sampler				\$259
<b>Kurzweil K2500AES Audio Elite System</b>	Keyboard sampler	128MB maximum	48 voices		\$20,000
<b>Kurzweil K2500RS</b>	Rackmount sampler	4MB/128MB maximum	48 voices		\$4,950
<b>Kurzweil K2500S</b>	Keyboard sampler	4MB/128MB maximum	48 voices		\$6,140
<b>Kurzweil K2500XS</b>	Keyboard sampler	4MB/128MB maximum	48 voices		\$6,700
<b>Kurzweil K2vxs</b>	Keyboard sampler	2MB/64MB maximum			\$4,195
<b>NemeSys GigaSampler</b>	PC software sampler	1GB/4GB maximum	64 voices	.WAV, Akai S1000, GigaSampler	\$795
<b>Roland SP-202</b>	Tabletop sampler	1MB/3MB maximum	4 voices		\$395
<b>Roland SP-808 Groove Sampler</b>	Tabletop sampler	100MB maximum	4 voices		\$1,695
<b>Yamaha A3000 Version 2</b>	Rackmount sampler	2MB/128MB maximum	64 voices		\$1,995
<b>Yamaha SU10</b>	Tabletop sampler	36MB maximum	4 voices		\$399.95

## Samplers

### AKAI

#### MPC2000

**INPUT/OUTPUT** 1/4" analog ins/outs. S/PDIF coaxial digital I/O.

**STORAGE MEDIA** Internal floppy, SCSI.

**SAMPLE ENGINE** Lowpass and highpass filters. Non-realtime loop, reverse, truncate, and pitch shift DSP. Realtime chorus, delay, EQ, flange, pitch shift, and reverb DSP.

**SEQUENCER** 64 tracks, 96 ppq, 100,000-note capacity, 99 sequences. Imports SMF files. 3.5" disk.

**SPECIAL FEATURES** MIDI sample transfer. 2 mergeable MIDI ins and 2 independent MIDI outs for 32 MIDI-channel operation. Note variation slider for each pad. Optional Multi-BDM 8-output S/PDIF digital I/O expansion, SampleVerb II 4-bus multi-effects processor, IB-M20T SMPTE reader/generator for SMPTE sync, and up to 16MB flash ROM.

**DIMENSIONS** 16" W x 13" D x 5" H. 14 lbs.

#### S20

**INPUT/OUTPUT** RCA analog inputs/outputs.

**STORAGE MEDIA** Internal floppy.

**SAMPLE ENGINE** Non-realtime loop, reverse, truncate, and pitch shift DSP.

**SEQUENCER** 4 tracks. 3.5" drive.

**SPECIAL FEATURES** Beat Loop automatically syncs phrase samples. Tap tempo. Reads S01, Remix 16, S20, S1000, S3000, S2000, XL series. MIDI sample transfer.

**DIMENSIONS** 12" W x 8" D x 3.5" H. 13 lbs.

#### S2000

**INPUT/OUTPUT** 1/4" analog ins/outs. S/PDIF coaxial digital I/O.

**STORAGE MEDIA** Internal floppy, SCSI.

**SAMPLE ENGINE** Lowpass, highpass, bandpass, EQ, and resonant filters.

Non-realtime normalize, loop, time-compress/expand, reverse, truncate, and pitch shift DSP. Realtime chorus, delay, EQ, flange, pitch shift, and reverb DSP.

**SEQUENCER** SMF player. 3.5" disk.

**SPECIAL FEATURES** MIDI sample transfer. ProFilter adds filtering modes including highpass, bandpass, and EQ, all with resonance. Plays back Type 0/1 DOS SMFs. MESA II Modular Editing System for Mac/PC. MIDI sample transfer. Optional 16MB flash ROM upgrade, S2000



CreamWare Scope

Reader Service No. 141

Studio version with Multi-DM 8-output, S/PDIF digital I/O, and SampleVerb 4-bus multi-effects processor expansions.

**DIMENSIONS** 2U rackmount. 17 lbs.

### SS000XL

**INPUT/OUTPUT** 1/4" analog ins/outs. S/PDIF coaxial digital I/O.

**STORAGE MEDIA** Internal floppy, SCSI.

**SAMPLE ENGINE** Lowpass, highpass, bandpass, EQ, and resonant filters.

Non-realtime normalize, loop, time-compress/expand, reverse, truncate, and pitch shift DSP. Realtime chorus, delay, EQ, flange, pitch shift, and reverb DSP.

**SEQUENCER** SMF player. 3.5" disk.

**SPECIAL FEATURES** SampleVerb II 4-bus multi-effects processor allows up to 6 simultaneous effects. MIDI sample transfer. ProFilter adds filtering modes including highpass, bandpass, and EQ, all with resonance. Plays back Type 0/1 DOS SMFs. MESA II Modular Editing System for Mac/PC. MIDI sample transfer. Optional 16MB flash ROM upgrade, S2000 Studio version with Multi-DM 8-output, S/PDIF digital I/O, and SampleVerb 4-bus multi-effects processor expansions.

**DIMENSIONS** 19" W x 17" D x 3.5" H. 17 lbs. 2U rackmount.

### SS000

**INPUT/OUTPUT** 2 balanced 1/4" analog inputs, 8 unbalanced 1/4" analog outputs. AES/EBU, optical, 2 ADAT digital I/Os.

**STORAGE MEDIA** Internal floppy and hard drive, Zip.

**SAMPLE ENGINE** Lowpass, highpass, bandpass, notch, and resonant filters. EQ. Non-realtime lowpass, highpass, bandpass, reverse, truncate, and pitch shift DSP. Realtime lowpass, highpass, bandpass, flanger, pitch shift, reverb, and phase shift DSP. Cut, copy, paste.

**SPECIAL FEATURES** Optional VOX64 64-voice expansion board, EB20 SampleVerbII 4-Bus multi-effects processor, IB1616A 16-channel ADAT optical I/O, IBS508P 8-output S5000 expansion board, MESA II Modular Editing System for Mac/PC. Virtual sampling. 32-part multi-timbral. 6" 320x240 display. Dual SCSI and MIDI ports.

**DIMENSIONS** 3U rackmount

### S6000

**INPUT/OUTPUT** 2 balanced 1/4" analog inputs, 16 unbalanced 1/4" analog outputs. AES/EBU, optical, 2 ADAT input/16 ADAT output digital I/Os.

**STORAGE MEDIA** Internal floppy and hard drive, JAZ, Zip, SyQuest.

**SAMPLE ENGINE** Lowpass, highpass, bandpass, notch, and resonant filters. EQ. Non-realtime lowpass, highpass, bandpass, reverse, truncate, and pitch shift DSP. Realtime lowpass, highpass, bandpass, flanger, pitch shift, reverb, and phase shift DSP. Cut, copy, paste.

**SPECIAL FEATURES** Includes VOX64 64-voice expansion board, EB20 SampleVerbII 4-bus multi-effects processor, IB1616A 16-channel ADAT optical I/O, MESA II Modular Editing System for Mac/PC. Virtual sampling. Removable front panel control. 32-part multi-timbral. 6" 320x240 display. Dual SCSI and MIDI ports.

**DIMENSIONS** 4U rackmount.

## CREAMWARE

### Scope

**STORAGE MEDIA** Internal floppy. PCMCIA card. JAZ, internal hard drive, Zip, CD-ROM, and SyQuest.

**SAMPLE ENGINE** Lowpass, highpass, bandpass, notch, and resonant filters. EQ. Non-realtime lowpass, highpass, bandpass, reverse, truncate, pitch shift. Realtime lowpass, highpass, bandpass, flanger, pitch shift, reverb, time compression, expansion, and cut, copy, paste.

**SPECIAL FEATURES** Open architecture with analog/digital I/O. Number of voices and sample memory limited only by drive size. Realtime DSP effects including loop, reverse, truncate. Supports granular/acoustic modeling. Digital mixing/routing environment. 2.7 Giga-flops on base board. Extensive third-party support. User-definable mixing and DSP modules.

## EMU

### ESI-4000 6225

**INPUT/OUTPUT** 2 unbalanced 1/4" analog ins, 4 unbalanced 1/4" analog outs.

**STORAGE MEDIA** Internal floppy.

**SAMPLE ENGINE** 19 types of filters including lowpass, highpass, bandpass, and resonant. EQ. Non-realtime lowpass, highpass, bandpass, reverse, truncate, and pitch shift DSP. Cut, copy, paste.

**SPECIAL FEATURES** Sonic Enhancer DSP. Optional three 1/4" analog input, S/PDIF coaxial I/O, and ESI Turbo (3 stereo out, S/PDIF I/O, dual 24-bit FX) interfaces.

**DIMENSIONS** 2U rackmount. 10.2 lbs.

### ESI-4000 Turbo 6226

**INPUT/OUTPUT** 2 unbalanced 1/4" analog inputs, 10 RCA analog outputs. Coaxial digital I/O.

**STORAGE MEDIA** Internal floppy.

**SAMPLE ENGINE** 19 filter types including lowpass, highpass, bandpass, and resonant. EQ. Non-realtime lowpass, highpass, bandpass, reverse, truncate, and pitch shift DSP. Realtime lowpass, highpass, bandpass, flanger, reverb, and distortion DSP. Cut, copy, paste.

**SPECIAL FEATURES** Sonic Enhancer DSP.

**DIMENSIONS** 2U rackmount. 10.2 lbs.

### ESI-4000 Turbo Zip 6227

**INPUT/OUTPUT** 2 unbalanced 1/4" analog inputs, 10 unbalanced 1/4" analog outputs. Coaxial digital I/O.

**STORAGE MEDIA** Internal storage on Zip.

**SAMPLE ENGINE** 19 filter types including lowpass, highpass, bandpass,

and resonant. EQ. Non-realtime lowpass, highpass, bandpass, reverse, truncate, and pitch shift DSP. Realtime lowpass, highpass, bandpass, flanger, reverb, and distortion DSP. Cut, copy, paste.

**SPECIAL FEATURES** Sonic Enhancer DSP.

**DIMENSIONS** 17" W x 10.4" D x 3.4" H. 10.2 lbs.

## ENSONIQ

### ASR-X

**INPUT/OUTPUT** 2 balanced 1/4" ins/2 balanced 1/4" outs.

**STORAGE MEDIA** Internal floppy.

**SAMPLE ENGINE** Lowpass, highpass, bandpass, and resonant filters.

Non-realtime lowpass, highpass, bandpass, reverse, and truncate. Realtime lowpass, highpass, bandpass, flanger, pitch shift, and reverb.

**SEQUENCER** 16 tracks, 384 ppq. 3.5" disk drive.

**SPECIAL FEATURES** Built-in multi-timbral synth. 24-bit onboard effects.

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READER SERVICE NO. 18



Yamaha A3000

Reader Service No. 140

Optional EXP Sound/Wave and X8 8-output expansion boards.  
**DIMENSIONS** 17" W x 13" D x 4" H. 12.5 lbs.

**GEMINI****DS-1224**

**INPUT/OUTPUT** 4 RCA analog ins, 2 RCA outs.

**DS-2024**

**INPUT/OUTPUT** 4 RCA analog ins, 2 RCA analog outs.  
**DIMENSIONS** 1U rackmount.

**KURZWEIL****K2500AES (Audio Elite System)**

**INPUT/OUTPUT** 1 balanced 1/4" and XLR analog input, 10 unbalanced 1/4" analog outputs. AES/EBU, optical, coaxial, T/DIF, ADAT digital I/Os.

**STORAGE MEDIA** Internal floppy and hard drive, JAZ, Zip, CD-ROM, SyQuest, and magneto optical.

**SAMPLE ENGINE** Lowpass, highpass, bandpass, notch, and resonant filters. Parametric EQ. Non-realtime lowpass, highpass, bandpass, reverse, truncate, and pitch shift DSP. Realtime lowpass, highpass, bandpass, flanger, and reverb DSP. Cut, copy, paste.

**SEQUENCER** 32 tracks, 768 ppq. Cut/copy/paste editing. 3.5" drive.  
**SPECIAL FEATURES** Includes all KDFX Stereo Bus FX card, KB3 Mode, Live Mode, and DMTI ADAT/TDIF K2500-series options. External CD-ROM drive w/ bundled Producer's Series 40-disk, 23GB library. 128MB sample RAM, 1.25MB PRAM. 2GB internal hard drive. Extended 3-year warranty.  
**DIMENSIONS** 54.3" W x 17.8" D x 4.8" H. 72 lbs.

**K2500RS**

**INPUT/OUTPUT** 1 balanced 1/4", 2 XLR analog inputs. 10 unbalanced 1/4" analog outputs. AES/EBU, optical, and coaxial digital I/Os.

**STORAGE MEDIA** Internal floppy and hard drive, JAZ, Zip, CD-ROM, SyQuest, and magneto optical.

**SAMPLE ENGINE** Lowpass, highpass, bandpass, notch, and resonant filters. Parametric EQ. Non-realtime lowpass, highpass, bandpass, reverse, truncate, and pitch shift DSP. Realtime lowpass, highpass, bandpass, flanger, pitch shift, and reverb DSP. Cut, copy, paste.

**SEQUENCER** 32 tracks, 768 ppq. Cut/copy/paste editing. 3.5" drive.  
**SPECIAL FEATURES** 192-oscillator synth. 8MB/28MB maximum expandable piano, orchestral, and contemporary ROM blocks. Upgradable flash ROM. 2 built-in ribbons, arpeggiator, breath, footswitch, continuous controllers. Optional KDFX stereo bus FX processor card for additional filters, time-based FX, dynamic-based FX. Digital Format and Signal Rate Converter, Kurzweil Digital Stream interface for DMTI. KB-3 Mode tone wheel emulation software. Live Mode realtime VAST input software.  
**DIMENSIONS** 3U rackmount. 23.75 lbs.

**K2500S**

**INPUT/OUTPUT** 1 balanced 1/4" and XLR analog in, 10 unbalanced 1/4" analog outs. AES/EBU, optical, coaxial digital I/Os.

**STORAGE MEDIA** Internal floppy and hard drive, JAZ, Zip, CD-ROM, SyQuest, and magneto optical.

**SAMPLE ENGINE** Lowpass, highpass, bandpass, notch, and resonant filters. Parametric EQ. Non-realtime lowpass, highpass, bandpass, reverse, truncate, and pitch shift DSP. Realtime lowpass, highpass, bandpass, flanger, and reverb DSP. Cut, copy, paste.

**SEQUENCER** 32 tracks, 768 ppq.  
**SPECIAL FEATURES** 192-oscillator synth. 8MB/28MB maximum expandable piano, orchestral, and contemporary ROM blocks. Upgradable flash ROM. 2 built-in ribbons, arpeggiator, breath, footswitch, continuous controllers. Optional KDFX stereo bus FX processor card for additional filters, time-based FX, dynamic-based FX. Digital Format

and Signal Rate Converter, Kurzweil Digital Stream interface for DMTI. KB-3 Mode tone wheel emulation software. Live Mode realtime VAST input software.

**DIMENSIONS** 47.8" W x 17.8" D x 4.8" H. 55.5 lbs.

**K2500XS**

**INPUT/OUTPUT** 1 balanced 1/4" and XLR analog in, 10 unbalanced 1/4" analog outs. AES/EBU, optical, and coaxial digital I/Os.

**STORAGE MEDIA** Internal floppy and hard drive, JAZ, Zip, CD-ROM, SyQuest, and magneto optical.

**SAMPLE ENGINE** Lowpass, highpass, bandpass, notch, and resonant filters. Parametric EQ. Non-realtime lowpass, highpass, bandpass, reverse, truncate, and pitch shift DSP. Realtime lowpass, highpass, bandpass, flanger, and reverb DSP. Cut, copy, paste.

**SEQUENCER** 32 tracks, 768 ppq. Cut/copy/paste editing. 3.5" drive.

**SPECIAL FEATURES** 192-oscillator synth. 8MB/28MB maximum expandable piano, orchestral, and contemporary ROM blocks. Upgradable flash ROM. 2 built-in ribbons, arpeggiator, breath, footswitch, continuous controllers. Optional KDFX stereo bus FX processor card for additional filters, time-based FX, dynamic-based FX. Digital Format and Signal Rate Converter, Kurzweil Digital Stream interface for DMTI. KB-3 Mode tone wheel emulation software. Live Mode realtime VAST input software.  
**DIMENSIONS** 54.3" W x 17.8" D x 4.8" H. 72 lbs.

**K2vxs**

**INPUT/OUTPUT** Balanced 1/4" analog ins, 6 unbalanced 1/4" analog outs. AES/EBU, optical, coaxial digital I/Os.

**STORAGE MEDIA** Internal floppy and hard drive, JAZ, Zip, CD-ROM, SyQuest, and magneto optical.

**SAMPLE ENGINE** Lowpass, highpass, bandpass, notch, and resonant filters. Parametric EQ. Non-realtime lowpass, highpass, bandpass, reverse, truncate, and pitch shift DSP. Realtime lowpass, highpass, bandpass, flanger, and reverb DSP. Cut, copy, paste.

**SEQUENCER** 32 tracks, 768 ppq. Cut/copy/paste editing. 3.5" drive.

**SPECIAL FEATURES** 96-oscillator synth. New 3.54 OS adds 8 drum channels, 3-zone controller. 24MB built-in ROM sounds, 600 preset factory sounds, 300 setups.  
**DIMENSIONS** 40.9" W x 13.4" D x 4.1" H. 26 lbs.

**NEMESYS****Giga Sampler**

**INPUT/OUTPUT** Balanced 1/4" soundcard ins/outs.

**STORAGE MEDIA** Internal hard drive

**SAMPLE ENGINE** Lowpass, highpass, bandpass, notch, and resonant filters. Non-realtime lowpass, highpass, bandpass, reverse, and truncate DSP. 32-bit realtime reverb and delay DSP. Cut, copy, paste.

**SPECIAL FEATURES** 1GB grand piano sample, 500MB East-West sounds CD-ROM, and Sample Wrench XE included. 4GB sampling capacity.

**ROLAND****SP-202**

**INPUT/OUTPUT** 2 mic-balanced 1/4" and 2 RCA analog inputs, 2 RCA analog outputs

**STORAGE MEDIA** Internal Smart Media.

**SAMPLE ENGINE** Lowpass filter. Non-realtime lowpass, reverse, truncate, pitch shift, and ring modulation DSP. Realtime lowpass, and time compression/expansion DSP.

**SPECIAL FEATURES** PSA-120 adapter, built-in mic, battery-powered. Maximum 2MB RAM (Lo-Fi2), 4MB (Hi-Fi). Optional 2 & 4MB Smart Media cards.  
**DIMENSIONS** 5-3/4" W x 8-3/4" D x 3-5/16" H. 1 lb., 14 oz.

**SP-808 Groove Sampler**

**INPUT/OUTPUT** 1 balanced 1/4" and 4 RCA analog ins, 4 RCA analog outs.

**STORAGE MEDIA** Internal Zip storage.

**SAMPLE ENGINE** Lowpass, highpass, bandpass, notch, resonant, and EQ filters. Non-realtime lowpass, highpass, bandpass, reverse, truncate, and pitch shift DSP. Realtime lowpass, highpass, bandpass, flange, pitch shift, reverb, and time compression/expansion DSP.

**SEQUENCER** 4 tracks, 96 ppq. Cut/copy/paste editing.

**SPECIAL FEATURES** 4 stereo-voice polyphony. Virtual analog synth. Real-time effects. Optional SP-808-CP1 SCSI data backup to external Zip, coaxial/optical digital I/O. track direct out.

**DIMENSIONS** 8-5/8" W x 9-1/16" D x 1-13/16" H. 4 lbs., 7 oz.

**YAMAHA****YAMAHA®****A3000 Version 2**

**INPUT/OUTPUT** 2 unbalanced 1/4" analog inputs, 4 RCA analog outputs. Optional digital I/Os.

**STORAGE MEDIA** Internal floppy and hard drive, CD-ROM.

**SAMPLE ENGINE** Lowpass, highpass, bandpass, notch, and resonant filters. EQ. Non-realtime lowpass, highpass, bandpass, reverse, truncate, and pitch shift DSP. Realtime lowpass, highpass, bandpass, flanger, pitch shift, reverb, time compression/expansion DSP.

**SEQUENCER** 16 tracks. 3.5" drive.

**SPECIAL FEATURES** Dance-oriented sampler. Optional S/PDIF optical/coaxial digital I/O and six analog outs connectors. 10 new filters includes peak, dip, and dual IPH + peak with distance filters. 3 effects blocks with 54 effects types. 5 floppies and CD-ROM included. New loop remix and loop divide features. MIDI-controlled LFO.

**DIMENSIONS** 2U rackmount. 15.2 lbs.

**SU10**

**INPUT/OUTPUT** 1/8" stereo analog audio I/O.

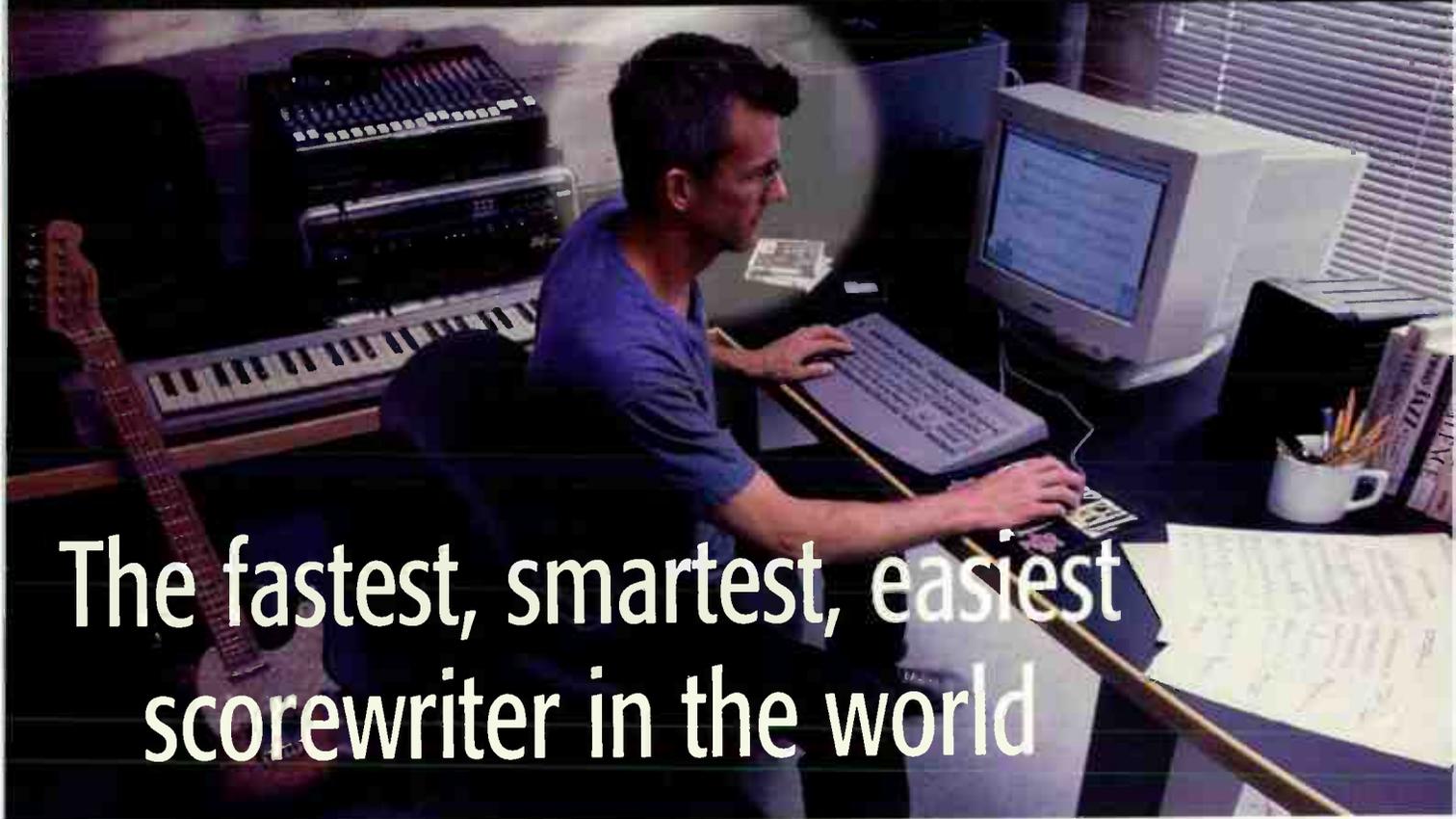
**SAMPLE ENGINE** Lowpass filter. Non-realtime lowpass and reverse DSP.

**SEQUENCER** 1 track, 24 ppq.

**SPECIAL FEATURES** Stereo digital sampler with ribbon controller, looping capability, custom LCD. 4-voice polyphony. Up to 48 samples. Real-time filter and playback speed effects. Two sample CDs included.  
**DIMENSIONS** 6.61" W x 4.09" D x 1.27" H. 0.88 lbs.

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READER SERVICE NO. 15

World Radio History

# What is Music Technology Direct?



**Sweetwater**  
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In 1990, Sweetwater Sound created **a new way to serve musicians and studios:** We combined the **convenience** of gracious, direct mail service with an exclusive **focus** on **music technology**. Like L. L. Bean®, Dell®, and other specialty direct marketing leaders, Sweetwater is fortunate to have grown by leaps and bounds, while offering **greater and greater value**. Our exclusive "Music Technology Direct" approach has helped over 100,000 artists and engineers make their **musical dreams come true!**

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**2 SAVINGS:**  
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*You get expert technical  
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# Soundware

AUDIO SAMPLING  
CDS, CD ROMS, &  
SYNTH PATCHES



The following section contains sounds of all types: audio CDs for use with any sampler or digital recording program, CD-ROMs and floppy disks for particular samplers or systems, and synth patches

in every

imaginable format. You'll find MIDI files listed in the Software section (page 172).

All listings are by manufacturer, except in the case when the distributor is different from the manufacturer. In that case, the distributor's name appears first in a black bar and the manufacturer's name follows it after a slash. Many of the sound developers represented will be happy to send you samples of their work, and several have Web site demos as well.

## Soundware

ALESIS

### Classical QCard

DESCRIPTION PCMCIA card.

MSRP \$249.

INSTRUMENTS SUPPORTED Alesis QuadraSynth, QuadraSynth Plus Piano, S4, S4 Plus, QS6, QS6.1, QS7, QS8, QSR.

CONTENT Additional program banks included on floppy disk.

### EuroDance QCard

DESCRIPTION PCMCIA card.

MSRP \$249.

INSTRUMENTS SUPPORTED Alesis QuadraSynth, QuadraSynth Plus Piano, S4, S4 Plus, QS6, QS6.1, QS7, QS8, QSR.

CONTENT Additional program banks included on floppy disk.

### Hip Hop Grooves & Instruments QCard

DESCRIPTION PCMCIA card.

MSRP \$249.

INSTRUMENTS SUPPORTED Alesis QuadraSynth, QuadraSynth Plus Piano, S4, S4 Plus, QS6, QS6.1, QS7, QS8, QSR.

CONTENT Additional program banks included on floppy disk.

### Latin QCard

DESCRIPTION PCMCIA card.

MSRP \$249.

INSTRUMENTS SUPPORTED Alesis QuadraSynth, QuadraSynth Plus Piano, S4, S4 Plus, QS6, QS6.1, QS7, QS8, QSR.

CONTENT Additional program banks included on floppy disk.

### Rap/Techno/Dance QCard

DESCRIPTION PCMCIA card.

MSRP \$199.

INSTRUMENTS SUPPORTED Alesis QuadraSynth, QuadraSynth Plus Piano, S4, S4 Plus, QS6, QS6.1, QS7, QS8, QSR.

CONTENT Additional program banks included on floppy disk.

### Sanctuary QCard

DESCRIPTION PCMCIA card.

MSRP \$249.

INSTRUMENTS SUPPORTED Alesis QuadraSynth, QuadraSynth Plus Piano, S4, S4 Plus, QS6, QS6.1, QS7, QS8, QSR.

CONTENT Additional program banks included on floppy disk.

### Stereo Grand Piano QCard

DESCRIPTION PCMCIA card.

MSRP \$249.

INSTRUMENTS SUPPORTED Alesis QuadraSynth, QuadraSynth Plus Piano, S4, S4 Plus, QS6, QS6.1, QS7, QS8, QSR.

CONTENT Additional program banks included on floppy disk.

### Vintage Keyboards QCard

DESCRIPTION PCMCIA card.

MSRP \$249.

INSTRUMENTS SUPPORTED Alesis QuadraSynth, QuadraSynth Plus Piano, S4, S4 Plus, QS6, QS6.1, QS7, QS8, QSR.

CONTENT Additional program banks included on floppy disk.



Big Fish Black II Black

Reader Service No. 181

CONTENT Additional program banks included on floppy disk.

### Vintage Synthesizers & Classic Beatboxes QCard

DESCRIPTION PCMCIA card.

MSRP \$249.

INSTRUMENTS SUPPORTED Alesis QuadraSynth, QuadraSynth Plus Piano, S4, S4 Plus, QS6, QS6.1, QS7, QS8, QSR.

CONTENT Additional program banks included on floppy disk.

### BIG FISH AUDIO



### 160DB The Drum 'n' Bass Interface

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Drum breaks, upright bass licks and deep bass sounds, gated and musical FX, live drum breaks, Rhodes licks, ambient atmospheres, sax licks, synth pads, noise, and more.

### Abrecatabla

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$249.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai.

CONTENT A huge selection of ethnic percussion.

### Alien Guitars

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Exotic guitar loops and samples.

### Analog Keyboard Bass

DESCRIPTION Audio CD.

MSRP \$79.95.

CONTENT 800 fat synth samples.

### Animalog Analog Grooves

DESCRIPTION Audio CD.

MSRP \$79.95.

CONTENT Techno, house, acid, and trance synth loops.

### Asian Traditions

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Traditional stringed instruments and percussion.

### Back II Bass Synthasia 2

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Bass loops and samples.

### Black II Black Killer Vocals, Vol. 1-3

DESCRIPTION Audio CD.

MSRP \$99.95 each.

CONTENT Massive collection of vocal samples, phrases, and hooks.

### Black II Black, Vols. 1-2

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$199.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai.

CONTENT Hip-Hop and R&amp;B.

### Black II Black, Vol. 3

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Soul, hip-hop loops.

### Black II Black Vol. 4

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Hundreds of beats plus horn, guitar, bass, and synth licks and hits.



Big Fish Beats Beats Beats

Reader Service No. 182

### Blackbeat 96th Street

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Wide-ranging mix of dance vocals, FX, and more.

### Breakbeat

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Crispy vinyl sounds used by top producers.

### Brotherhood

DESCRIPTION Audio CD.

MSRP \$79.95.

### Bruce Gary's Drum Vocabulary

DESCRIPTION Audio CD.

MSRP \$79.95.

CONTENT Live drum loops. Funk, pop, rock, and jazz.

### Classic Keyboards & Vintage Synths

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Vintage synth sounds.

### Coldcut's Kleptomaniac

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Loops, fills, rolls, turntable FX and stops, scratches, basses, pianos, clavs, organs, synths, and more.

### d-Day Megaton Bomb 2

DESCRIPTION Audio CD.

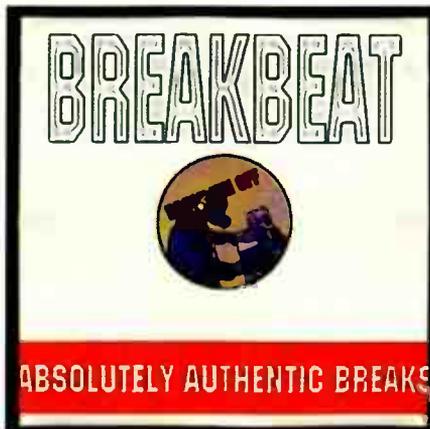
MSRP \$99.95.

CONTENT Techno, house construction kits, drum loops, and sounds.

### David Ruffey's Drums

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$199.95 CD-ROM.



Big Fish Breakbeat

Reader Service No. 183

## Sampling CDs, CD-ROMs, and Synth Patches

INSTRUMENTS SUPPORTED Roland.

CONTENT Drum loops.

**Deep Inside Tim Farris**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Guitar samples, drum loops, dialogue, FX, hits, and more.

**Didgeridoo and Other Primitive Instruments**

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$299.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, Kurzweil.

CONTENT Sounds and loops from Australian didgeridoos, Native American flutes, bullroarer, jawharp, percussion, and more.

**Drum Loops, Vols. 1 & 2**

DESCRIPTION Audio CD.

MSRP \$69.95 each.

CONTENT Over 500 rap, hip-hop, techno, DJ scratches, percussion FX, industrial, rave, and go-go loops.

**Drum Loops, Vol. 3**

DESCRIPTION Audio CD.

MSRP \$79.95.

CONTENT Hip-hop, house, and slow jams.

**Drum 'n' Bass Carnage Keith Le Blanc, Vol. 4**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Ultra hard drum 'n' bass with alternate mixes. Snare work and tons of combinations of beats.

**First Call Vintage Keyboards**

DESCRIPTION CD-ROM.

MSRP \$299.95.

INSTRUMENTS SUPPORTED Akai.

CONTENT Library of vintage synths, electric pianos, and organs including Rhodes, Hammond B-3, Moog, and more.

**Freaky Jazzy Funky**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Construction kits, loops, sounds, and MIDI files.

**Freekee Jack Swing Blackbeat**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Features new jack swing, rap, and ragga.

**Full Phat**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Drum loops, gated FX, SH101 riffs, dub FX, rhythmic riffs and phrases, gated scratches, pads and sweeps, shortwave FX, synths, and more.

**Funk Stew 2**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT 3-way harmony, wah wah guitars, live bass, and hundreds of programmed East Coast and live West Coast beats



Big Fish Freaky Jazzy Funky

Reader Service No. 184

**Global Trance Mission, Vol. 1**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Analog synthesis, dance loops, synth sequences, ambient pads, and more.

**Global Trance Mission, Vol. 2**

DESCRIPTION Audio CD.

MSRP \$69.95.

CONTENT Analog synthesis, dance loops, synth sequences, ambient pads, and more.

**Greene Machine**

DESCRIPTION Audio CD.

**Big Fish Funk Stew 2**

Reader Service No. 185

MSRP \$79.95.

CONTENT Live funk and hip-hop drum loops.

**Groove Activator Gota Yashiki**

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$199.95 CD-ROM.

CONTENT By programmer for Alanis Morissette, Soul II Soul, and others. Grooves, single hits, loops, and percussion.

**Groove Dimensions**

DESCRIPTION Audio CD.

MSRP \$99.95.

**Guitar Expressions**

DESCRIPTION CD-ROM.

MSRP \$299.95.

INSTRUMENTS SUPPORTED Akai, E-mu.

CONTENT Electric guitar library of rock, funk, techno, industrial, jazz, blues, reggae, and country sounds.

**Guitarras Atomicas**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Original guitar sample collection featuring electric and acoustic guitars.

**Hot & Sweaty House Cuts**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT House, dance.

**JJ Jezalik's Art of Sampling**

DESCRIPTION Audio CD.

MSRP \$49.95.

CONTENT Collection of off-the-wall sounds, many Art of Noise classics, and more.

**Karma Chopra**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Ethnic dance samples.

**Kickin' Lunatic Beats, Vols. 1 & 2**

DESCRIPTION Audio CD.

MSRP \$99.95 each.

CONTENT Extreme drum beats and breakbeats played by Keith Le Blanc.

**Komputer Inside**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT UK synthesists Komputer beats, events, loops, and effects.

**Kritical Massive Soun' Bwoy**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Ragga and dub samples.

**L.A. Hardcore**

DESCRIPTION Audio CD.

MSRP \$79.95

**Loop Land Synthasia 3**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Acid and house analog-synthesized 303 loops.

**Loop Soup**

DESCRIPTION Audio CD.

MSRP \$99.95

CONTENT Highlights from Skip To My Loops, Megabass Remix 1, Pascal Gabriel Dance Samples, and Coldcut Kleptomania.

**Loopalicious**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Beats, scratches and transforms. Hip-hop, soul, deep bass, and more.

**Loopzilla, Vols. 1 & 2**

DESCRIPTION Audio CD.

MSRP \$99.95 each.

CONTENT Gangsta rap, hip-hop, and acid jazz.

**Loopzilla, Vol. 3**

DESCRIPTION 2 audio CDs.

MSRP \$99.95.

CONTENT New drums, guitar, bass, Rhodes, vocals, horns, turntable wizardry, and more. 145 minutes of construction kits, sounds, and loops.

**Loopzilla Funk Guitar and Bass**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Clean and jazzy to low-res. Features players from the Gap Band and Dr. Dre's posse.

**LP Music Percussion Library**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Loops and multisamples.

**Megabass REMIX! Vols. 1 & 2**

DESCRIPTION Audio CD.

MSRP \$99.95 each.

CONTENT Houseloops, slow loops, rave loops, drum hits, human beat-box, vocal phrases, choral vox, and more.



Big Fish Loopzilla 3

Reader Service No. 186

**Megaton Bomb**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Hardcore, ambient, trance, and trip-hop construction kits including drums, bass, synth grooves, and textural layers.

**Neil Conti's Funky Drums From Hell**

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$199.95 CD-ROM.

INSTRUMENTS SUPPORTED Roland.

CONTENT Long developing grooves offering thousands of potential loops.

**Norman Cook Skip to My Loops**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Loops from 84 bpm to very fast.

**On The Beaten Track Steve White**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Live funk to acid jazz.

**Orchestra Gold Edition**

DESCRIPTION CD-ROM.

MSRP \$39.95.

INSTRUMENTS SUPPORTED WAV.

CONTENT Orchestral multi-sampled instruments.

**Orchestral Collection**

DESCRIPTION CD-ROM.

MSRP \$299.95.

INSTRUMENTS SUPPORTED Akai, Kurzweil, SampleCell, WAV.

CONTENT The Prosonus Orchestral library formatted for various samplers.

**Orchestral Strings**

DESCRIPTION CD-ROM.

MSRP \$199.95.

INSTRUMENTS SUPPORTED Roland.

**Pascal Gabriel's Colourful World**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Industrial samples, impact noises, electric guitar and FX, organs, pianos, strings, FX, and more.

**Pascal Gabriel's Dance Samples**

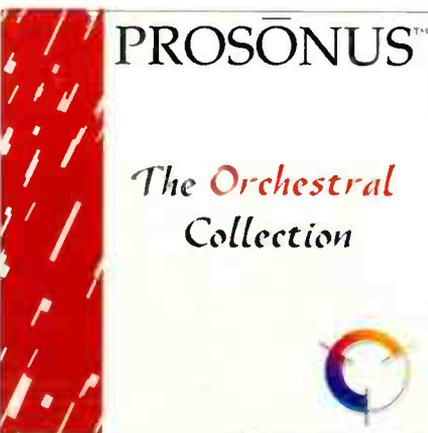
DESCRIPTION Audio CD.

MSRP \$49.95.

CONTENT Loops and sounds.

**Pascal's Bongo Massive**

DESCRIPTION Audio CD.

**Big Fish Orchestral Collection** Reader Service No. 187

MSRP \$99.95.

CONTENT Percussion loops.

**Pete Gleadall's Samplegraphy**

DESCRIPTION Audio CD.

MSRP \$49.95.

CONTENT Loops and sounds.

**Pianos & Organs Gold Edition**

DESCRIPTION CD-ROM.

MSRP \$39.95.

INSTRUMENTS SUPPORTED WAV.

CONTENT Piano and organ multisamples.

**Prime Funk Keith Le Blanc, Vol. 3**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Drum loops.

**Pro FX**

DESCRIPTION CD-ROM.

MSRP \$299.95.

INSTRUMENTS SUPPORTED Akai, Kurzweil.

CONTENT Sound Ideas sound FX collections.

**Prosonus Grand Piano**

DESCRIPTION CD-ROM.

MSRP \$199.95.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil.

CONTENT Steinway grand piano. Up to 128MB multisamples.

**Real Drums**

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$79.95.

INSTRUMENTS SUPPORTED Akai, Kurzweil.

CONTENT Mixed-mode CD/CD-ROM with MIDI files.

**Rhythm of Life**

DESCRIPTION Audio CD, CD-ROM.

MSRP \$49.95 CD; \$199.95 CD-ROM.

INSTRUMENTS SUPPORTED Roland.

CONTENT Creative grooves with many different mixes.

**Rhythm of Life 2 Groove Gurus**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Exotic percussion grooves and hits.

**Ruff Cutz Dave Ruffly**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Extensive post-production.

**Salsa All Stars**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Salsa and Afro-Cuban rhythms played by Latin percussionist Eddie Montalvo. Congas, bongos, guero, cascara, and maracas.

**SampleCell, Vol. 2**

DESCRIPTION CD-ROM.

MSRP \$199.95.

INSTRUMENTS SUPPORTED SampleCell.

**Siggi's Sugarloops**

DESCRIPTION Audio CD.

MSRP \$99.95.

INSTRUMENTS SUPPORTED SampleCell.

**Sound Palette 1 Drums**

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$29.95.

INSTRUMENTS SUPPORTED AIFF, WAV.

**Sound Palette 2 Hip-Hop**

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$29.95.

INSTRUMENTS SUPPORTED AIFF, WAV.

**Sound Palette 3 Techno**

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$29.95.

INSTRUMENTS SUPPORTED AIFF, WAV.

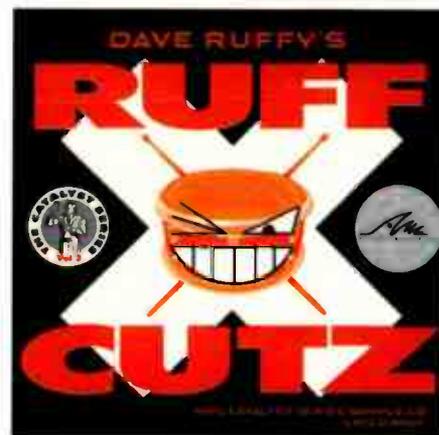
**Sound Palette Drums**

DESCRIPTION CD-ROM.

MSRP \$29.95.

INSTRUMENTS SUPPORTED AIFF, WAV, audio.

CONTENT Drum hits, multisamples, and kits.

**Big Fish Ruff Cutz**

Reader Service No. 188

**Sound Palette Hip-Hop**

DESCRIPTION CD-ROM.

MSRP \$29.95.

INSTRUMENTS SUPPORTED AIFF, WAV, audio.

CONTENT Hip-hop construction kits and sounds.

**Sound Palette Techno**

DESCRIPTION CD-ROM.

MSRP \$29.95.

INSTRUMENTS SUPPORTED AIFF, WAV, audio.

CONTENT Techno, house, and trance construction kits and sounds.

**Street by Neftali Santiago**

DESCRIPTION Audio CD.

MSRP \$69.95.

INSTRUMENTS SUPPORTED AIFF, WAV.

**Strictly 12-Inch**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT House, dance, and hip-hop 12-inch sounds.

**Strictly House**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Loops from 120 - 130 bpm and drum samples. Club, garage, deep, and ruff house.

**Strictly R'n'B**

DESCRIPTION Audio CD.

MSRP \$99.95.

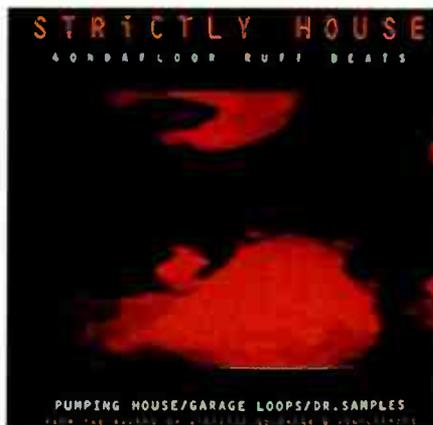
CONTENT R&amp;B, swingbeat, and hip-hop loops in variations with samples.

**Synclav FM**

DESCRIPTION CD-ROM.

MSRP \$299.95.

INSTRUMENTS SUPPORTED Akai, Kurzweil.

**Big Fish Strictly House**

Reader Service No. 193

## Sampling CDs, CD-ROMs, and Synth Patches

**Synclav FM**

DESCRIPTION CD-ROM.  
MSRP \$299.95.  
INSTRUMENTS SUPPORTED Akai, Kurzweil, audio.  
CONTENT From NED Synclavier programmers.

**Synthasia**

DESCRIPTION Audio CD.  
MSRP \$99.95.  
CONTENT Analog dance samples.

**Synthesizers Gold Edition**

DESCRIPTION CD-ROM.  
MSRP \$39.95.  
INSTRUMENTS SUPPORTED WAV.  
CONTENT Synthesizer multisamples.

**Terminalhead, Vols. 1 & 2**

DESCRIPTION Audio CD.  
MSRP \$99.95 each.  
CONTENT Industrial dance.

**The Beats, the Whole Beats & Nothing But the Beats**

DESCRIPTION Audio CD.  
MSRP \$99.95.  
CONTENT Collection of hip-hop, rock, old school, new school, industrial, and R&B.

**The Drum Doctor Does Drums**

DESCRIPTION Audio CD.  
MSRP \$69.95 CD; \$149.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell, SampleCell PC, WAV.  
CONTENT 1,200 samples.

**The Drum Doctor's Drums 2**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$79.95 CD; \$199.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai, Kurzweil.  
CONTENT Over 1,500 samples from the Drum Doctor's collection of instruments from Ross Garfield.

**The Rhythm Guitar Project**

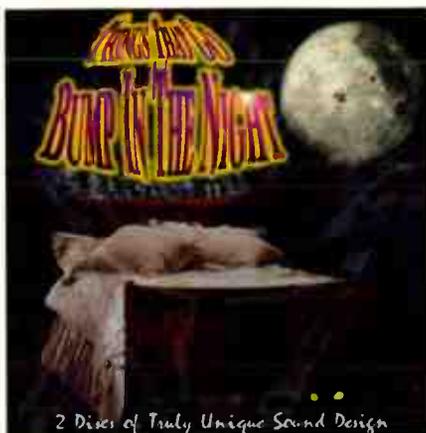
DESCRIPTION CD-ROM.  
MSRP \$299.95.  
INSTRUMENTS SUPPORTED SampleCell.  
CONTENT Acoustic guitar multisamples including complete library of chords.

**The Studio Grand**

DESCRIPTION CD-ROM.  
MSRP \$99.95.  
INSTRUMENTS SUPPORTED Akai.

**The Treasure Chest**

DESCRIPTION Audio CD.  
MSRP \$99.95.  
CONTENT Drum, guitar, bass, keyboard, and FX breaks for hip-hop, trip-

**Big Fish Things That Go Bump** Reader Service No. 190

hop, and modern rock.

**Things That Go Bump In The Night**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$99.95 CD; \$199.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai, audio.  
CONTENT Sounds comprised of pulsar data, proprietary synth engines, and effects.

**Titanium Rhythms 1 & 2**

DESCRIPTION Audio CD.  
MSRP \$99.95 each.  
CONTENT Industrial, techno, ambient loops, and sounds.

**Tony Mason's "Smokin"**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$99.95 CD; \$199.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai.  
CONTENT Dance flavor, blues, live drum loops.

**Tony Mason's "Steamin"**

DESCRIPTION Audio CD.  
MSRP \$99.95.  
CONTENT Live drums and triggered loops with sampled sounds, hat, and brush loops, fills and a selection of hits. Grooves are generally 2-4 bars.

**Travelogue**

DESCRIPTION Audio CD.  
MSRP \$99.95.  
CONTENT Collection of ambient, chant, and rhythms. Ambient to world music to techno.

**Vince Clarke Lucky Bastard**

DESCRIPTION Audio CD.  
MSRP \$99.95.  
CONTENT Techno-pop and ambient dance.

**Vynilistics 1 & 2**

DESCRIPTION Audio CD.  
MSRP \$99.95 each.  
CONTENT Breakbeats with an off-the-record sound and extended tracks.

**Vynilistics 3**

DESCRIPTION Audio CD.  
MSRP \$99.95.  
CONTENT 1,000 measures of new hip-hop and R&B beats and breaks. Loops plus component drum samples.

**Vocal Bytes 1 & 2**

DESCRIPTION Audio CD.  
MSRP \$99.95 each.  
CONTENT Vocal samples.

**Voltage**

DESCRIPTION Audio CD.  
MSRP \$79.95.  
CONTENT Progressive techno and jungle loops and sounds.

**Wall of Vinyl**

DESCRIPTION Audio CD.  
MSRP \$99.95.  
CONTENT Beats and cut-up breaks in extended construction kits, breaks, live drums, FX, and scratches.

**Wave Kit**

DESCRIPTION CD-ROM.  
MSRP \$99.95.  
INSTRUMENTS SUPPORTED WAV.  
CONTENT Samples from the entire Big Fish Audio Library. Multi-samples and loops.

**West Coast Funk Stew**

DESCRIPTION Audio CD.  
MSRP \$99.95.  
CONTENT Live funk and R&B construction kits, drum loops, and hits.

**X-Files of House**

DESCRIPTION Audio CD.  
MSRP \$99.95.  
CONTENT 1,000 loops and sounds from the progressive New York house scene.

**X-Files of Techno**

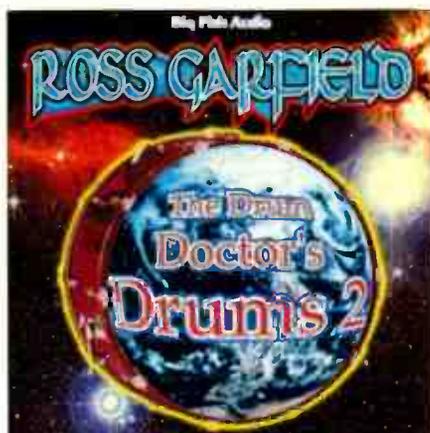
DESCRIPTION Audio CD.  
MSRP \$99.95.  
CONTENT Underground acid, hardcore, and trance loops.

**X-Static Goldmine 1**

DESCRIPTION Audio CD.  
MSRP \$99.95.  
CONTENT The original dance production mega-collection. Over 4,000 samples including 600 loops all with tempos.

**X-Static Goldmine 2**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$99.95 each.

**Big Fish Drum Doctor's Drums 2** Reader Service No. 189**Big Fish Vynilistics 3** Reader Service No. 191**Big Fish Wall of Vinyl** Reader Service No. 192

**INSTRUMENTS SUPPORTED** Akai.

**CONTENT** Over 1,500 hip-hop construction kits, drum loops, guitar loops, and more.

**X-Static Goldmine 3**

**DESCRIPTION** Audio CD, CD-ROM.

**MSRP** \$99.95 each.

**INSTRUMENTS SUPPORTED** Akai.

**CONTENT** House, techno, and hardcore loops.

**X-Static Goldmine 4**

**DESCRIPTION** Audio CD.

**MSRP** \$99.95.

**CONTENT** Trancey phase loops, trip-hop, ethnic crossover breaks, ragga loops, jungle, cone blower subs, transformed ethnic chants, and analogue Tempos from 80-110 bpm.

**X-Static Goldmine 5**

**DESCRIPTION** Audio CD.

**MSRP** \$99.95.

**CONTENT** Electro, techno, trance, ambient, and house loops, and samples.

**XTortion**

**DESCRIPTION** Audio CD.

**MSRP** \$99.95.

**CONTENT** Kicks, transformed vocals, super-distorted sounds.

**BIG FISH AUDIO/BACK IN TIME RECORDS****Mediterranean Atmosphere**

**DESCRIPTION** Mixed-mode audio CD/CD-ROM.

**MSRP** \$299.95.

**INSTRUMENTS SUPPORTED** Akai.

**Minimoog Classics**

**DESCRIPTION** Audio CD.

**MSRP** \$79.95.

**BIG FISH AUDIO/MIDI MARK****Vocal Bytes 1**

**DESCRIPTION** Audio CD.

**MSRP** \$99.95.

**Vocal Bytes 2**

**DESCRIPTION** Audio CD.

**MSRP** \$99.95.

**BIG FISH AUDIO/MST****The Museum of Synthesizer Technology**

**DESCRIPTION** Audio CD.

**MSRP** \$79.95.

**BIG FISH AUDIO/TSI****Ultimate Waves**

**DESCRIPTION** CD-ROM.

**MSRP** \$199.95.

**INSTRUMENTS SUPPORTED** Akai.

**CESIUM SOUND****Sound Libraries**

**DESCRIPTION** Floppy disk.

**MSRP** Varies.

**INSTRUMENTS SUPPORTED** Roland JD-990, Korg O1/W, Yamaha SY-85, Korg Wavestation, Ensoniq ESQ-1, Ensoniq SQ-80, E-mu Proteus/1, E-mu Proteus/2, Yamaha TX81Z, Roland D-50, Ensoniq VFX VFXSD SD-1, Ensoniq EPS, EPS16+, ASR-10.

**CONTENT** Sound libraries organized by category. Most formats available on disk.

**W D COAKLEY****Perfect Piano Series**

**DESCRIPTION** CD-ROM and expansion board.

**MSRP** \$299.

**INSTRUMENTS SUPPORTED** Akai S3000/S1000, Ensoniq ASR-10, Roland 700 series, Kurzweil K2000/2500, E-mu E3/ESI/EIV, SampleCell II.

**CONTENT** Grand piano samples.

**DISCOVERY FIRM****Akai CD-ROMS**

**DESCRIPTION** CD-ROM.

**MSRP** \$79.95 - \$99.95.

**INSTRUMENTS SUPPORTED** Akai.

**CONTENT** \$79.95 CD/CD-ROM hybrids: S1000 format History of Roland, History of Korg, Vintage, DX7; S3000 format Piano, Guitar, Strings,

William  
Coakley  
SOUND DESIGNER

**W.D. Coakley Perfect Piano** Reader Service No. 240

Horn and Brass, Orchestra, Bass. \$99.95 CD-ROMs: S3000 format Drum-1 Dry, Drum-2 Wet, Drum-3 Dance, Percussion, Vintage-1 Sustain, Vintage-2 Decay, and Vintage-3 Synth.

**Audio CDs**

**DESCRIPTION** Audio CD.

**MSRP** \$19.95 - \$99.95.

**CONTENT** Discovery Sound Effects Series six-pack, Flamenco Made in Spain, John Arif Verners's Ambient Atmospheres, From East Europe, Oriental Groove, Techno, Flesh and Blood, TR-808, TR-909, History of Roland, History of Korg, TB-303, Guitar/Clean, Guitar/Wah-Wah, Guitar/Comp Chorus, Disc Jam, Techno Trance, Neo Breakbeats, Jungle Techno, Neo Jungle, Reggae Beats, Vintage Rhythm, Hip-Hop Beats, World Groove, Jazz, R&B, and many other volumes at various prices.

**Kurzweil CD-ROMs**

**DESCRIPTION** CD-ROM.

**MSRP** \$199.95.

**INSTRUMENTS SUPPORTED** Kurzweil.

**CONTENT** Discovery Sound Effects, Guitar, Keyboards, Neo-Groove Combo, History of Analog, Groove Master, Hip-Hop Beats, Jazz, R&B, Vintage Rhythm/Neo Jungle, World Groove/Reggae Beats, TB-303, and TR-808/909 volumes.

**Roland CD-ROMs**

**DESCRIPTION** CD-ROM.

**MSRP** \$199.95.

**INSTRUMENTS SUPPORTED** Roland.

**EAST WEST****Advanced Media Trax**

**DESCRIPTION** Mixed-mode audio CD/CD-ROM.

**MSRP** \$199.95.

**INSTRUMENTS SUPPORTED** Akai, WAV.

**Advanced Orchestra**

**DESCRIPTION** CD, CD-ROM.

**MSRP** \$495 CD; \$995 CD-ROM.

**INSTRUMENTS SUPPORTED** Akai, E-mu.

**Advanced Orchestra Upgrade**

**DESCRIPTION** CD-ROM.

**MSRP** \$399.95.

**INSTRUMENTS SUPPORTED** Akai, E-mu.

**Alibaba**

**DESCRIPTION** Audio CD.

**MSRP** \$99.95.

**Beats In The Hood**

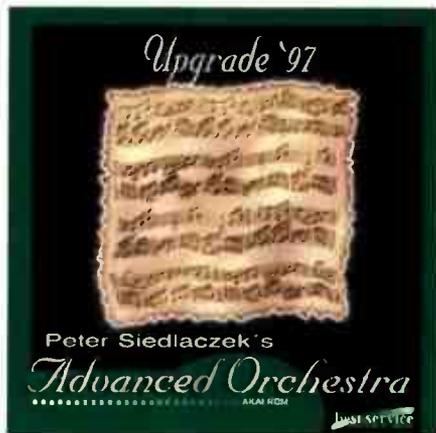
**DESCRIPTION** Audio CD.

**MSRP** \$99.95.

**Black Butta**

**DESCRIPTION** Audio CD, MIDI files.

**MSRP** \$99.95.

**East-West Advanced Mediatrax** Reader Service No. 159**East-West Advanced Orchestra** Reader Service No. 160**Bob Clearmountain Drums 1**

**DESCRIPTION** Audio CD, CD-ROM.

**MSRP** \$99.95 CD; \$149.95 CD-ROM.

**INSTRUMENTS SUPPORTED** Akai, E-mu.

**Bob Clearmountain Drums 2**

**DESCRIPTION** Audio CD, CD-ROM.

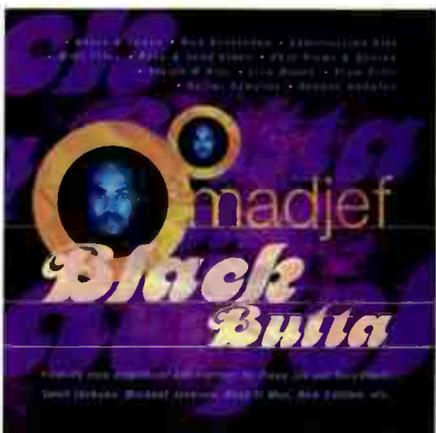
**MSRP** \$99.95 CD; \$149.95 CD-ROM.

**INSTRUMENTS SUPPORTED** Akai, Kurzweil, SampleCell, Gigasampler.

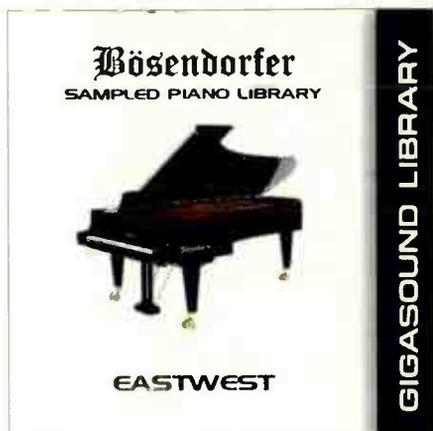
**Bob Clearmountain Percussion/Bass**

**DESCRIPTION** Audio CD, CD-ROM.

**MSRP** \$99.95 CD; \$149.95 CD-ROM.

**East-West Black Butta**

Reader Service No. 161



East-West Bosendorfer Giga-Piano Reader Service No. 162

INSTRUMENTS SUPPORTED Akai, E-mu.

### Bosendorfer Giga-piano

DESCRIPTION CD-ROM.

MSRP \$TBA.

INSTRUMENTS SUPPORTED Gigasampler.

### Brass Super Section

DESCRIPTION Audio CD; CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, Ensoniq.

### BS-122

DESCRIPTION CD-ROM.

MSRP \$35.

INSTRUMENTS SUPPORTED WAV.

### Chronic Horns

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai.

### Classical Choir

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai.

### Clockwork

DESCRIPTION Audio CD.

MSRP \$49.95.

### Crunchy Nut Drum Loops

DESCRIPTION Audio CD.

MSRP \$99.95.

### Cuckooland Ghost In The Machine

DESCRIPTION Audio CD.

MSRP \$99.95.

### Cuckooland Unhinged

DESCRIPTION Audio CD.

MSRP \$99.95.

### Dance Industrial 1

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai 3000, E-mu, SampleCell.

### Dance Industrial 2

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai.

### Dance Mega Drums

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$99.95.

INSTRUMENTS SUPPORTED Akai, E-mu.

### Dance Mega Hip-Hop/Electro

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$99.95.



East-West Dance Mega Jungle/Rave Reader Service No. 163

INSTRUMENTS SUPPORTED Akai, E-mu.

### Dance Mega House/Dance

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$99.95.

INSTRUMENTS SUPPORTED Akai, E-mu.

### Dance Mega Jungle/Rave

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$99.95.

INSTRUMENTS SUPPORTED Akai, E-mu.

### Dance Mega Synth

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$99.95.

INSTRUMENTS SUPPORTED Akai, E-mu.

### Diffusion of Useful Noise

DESCRIPTION Audio CD, CD-ROM.

MSRP \$89.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED AIFF.

### Dream Experience

DESCRIPTION Audio CD.

MSRP \$99.95.

### Drone Archaeology

DESCRIPTION Audio CD.

MSRP \$99.95.

### Drum 'n' Bass Construction Kit

DESCRIPTION Audio CD.

MSRP \$99.95.

### Drum 'n' Bass Elements

DESCRIPTION CD-ROM.

MSRP \$35.

INSTRUMENTS SUPPORTED AIFF, WAV.



East-West Drum 'n' Bass Resonance Reader Service No. 164



East-West Electronica

Reader Service No. 165

### Drum 'n' Bass Resonance

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai.

### Electronica

DESCRIPTION Audio CD.

MSRP \$99.95.

### Electroshock

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$99.95.

INSTRUMENTS SUPPORTED Akai.

### Electroshock 2

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$99.95.

INSTRUMENTS SUPPORTED Akai.

### EMoog

DESCRIPTION CD-ROM.

MSRP \$149.95.

INSTRUMENTS SUPPORTED E-mu.

### Fast Animation

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai.

### Film Collection

DESCRIPTION Audio CD.

MSRP \$69.95.

### Flash Trackz Drum 'n' Bass

DESCRIPTION Audio CD.

MSRP \$99.95.

### Funky Ass Loops

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, SampleCell.

### Funky Element

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$199.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, SampleCell.

### FX Sound Collection

DESCRIPTION Audio CD.

MSRP \$69.95.

### Gigapack

DESCRIPTION CD-ROM.

MSRP \$299.95.

INSTRUMENTS SUPPORTED Kurzweil, SampleCell.

### Hallelujah

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai.

**Housemaster**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$99.95 CD; \$149.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai.

**Hypnotica**

DESCRIPTION Audio CD.  
MSRP \$99.95.

**Independance**

DESCRIPTION Audio CD.  
MSRP \$99.95.

**Interface Dance**

DESCRIPTION Audio CD.  
MSRP \$99.95.

**Interface Guitar**

DESCRIPTION Audio CD.  
MSRP \$99.95.

**Jam Box**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$99.95 CD; \$149.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai, WAV.

**Jazz Quartet**

DESCRIPTION Audio CD.  
MSRP \$99.95.

**Junk Percussion**

DESCRIPTION Audio CD.  
MSRP \$99.95.

**Kick-n Jazz**

DESCRIPTION Audio CD.  
MSRP \$99.95.

**Killer Horns**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$99.95 CD; \$149.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai, E-mu, Ensoniq.

**LA. Riot 3**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$99.95 CD; \$149.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai.

**Loopmatic**

DESCRIPTION Mixed-mode audio CD/CD-ROM.  
MSRP \$99.95.  
INSTRUMENTS SUPPORTED Akai.

**Matt Rollings Keyboards**

DESCRIPTION Audio CD.  
MSRP \$99.95.

**MIDI Cube**

DESCRIPTION Floppy disk.

**East-West Quantum Leap Guitar & Bass**

Reader Service No. 167

MSRP \$49.95.  
INSTRUMENTS SUPPORTED MIDI files.

**MIDI Cube 2**

DESCRIPTION Floppy disk.  
MSRP \$49.95.  
INSTRUMENTS SUPPORTED MIDI files.

**MPC Production Tools**

DESCRIPTION CD-ROM.  
MSRP \$99.95.  
INSTRUMENTS SUPPORTED Akai MPC2000.

**Orchestra**

DESCRIPTION CD-ROM.  
MSRP \$149.95.  
INSTRUMENTS SUPPORTED Akai, Kurzweil.

**Orchestral Colors**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$99.95 CD; \$149.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai, Ensoniq.

**Overdub**

DESCRIPTION Mixed-mode audio CD/CD-ROM.  
MSRP \$99.95.  
INSTRUMENTS SUPPORTED Akai.

**Phat & Phunky**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$99.95 CD; \$149.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai, SampleCell.

**Poke In The Ear**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$89.95 CD; \$149.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai.

**Quantum Leap Guitars**

DESCRIPTION CD-ROM.  
MSRP \$249.95.  
INSTRUMENTS SUPPORTED Akai.

**Rave 'n' Dance Elements**

DESCRIPTION CD-ROM.  
MSRP \$35.  
INSTRUMENTS SUPPORTED WAV.

**Real Mega Rhythm**

DESCRIPTION Mixed-mode audio CD/CD-ROM.  
MSRP \$99.95.  
INSTRUMENTS SUPPORTED Akai.

**Real Megadrums**

DESCRIPTION Mixed-mode audio CD/CD-ROM.  
MSRP \$99.95.  
INSTRUMENTS SUPPORTED Akai, E-mu.

**Robots & Computers**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$99.95 CD; \$149.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai, SampleCell.

**Science Fiction**

DESCRIPTION Audio CD.  
MSRP \$49.95.

**Scoring Tools**

DESCRIPTION CD-ROM.  
MSRP \$399.95.  
INSTRUMENTS SUPPORTED Akai, GigaSampler.

**Smooov Grooves**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$99.95 CD; \$149.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai.

**Soundcube**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$149.95 CD; \$199.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai, AIFF, WAV.

**Steinway B Giga-piano**

DESCRIPTION CD-ROM.  
MSRP \$TBA.  
INSTRUMENTS SUPPORTED GigaSampler.

**Steve Stevens**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$99.95 CD; \$149.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai, SampleCell, GigaSampler.

**Symphonic Adventures**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$99.95 CD; \$199.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai, GigaSampler.

**Technophobia**

DESCRIPTION Audio CD.  
MSRP \$99.95.

**Technotrance**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$99.95 CD; \$199.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai, SampleCell, AIFF, WAV.

**Tekno/Industrial**

DESCRIPTION Audio CD, CD-ROM.  
MSRP \$99.95 CD; \$149.95 CD-ROM.  
INSTRUMENTS SUPPORTED Akai.

**Textural Ambience**

DESCRIPTION CD-ROM.  
MSRP \$149.95.  
INSTRUMENTS SUPPORTED AIFF.

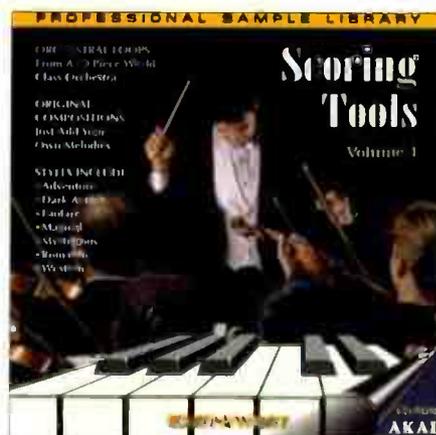
**Total Control**

DESCRIPTION Mixed-mode audio CD/CD-ROM.  
MSRP \$99.95.



East-West Hypnotica

Reader Service No. 166



East-West Scoring Tools

Reader Service No. 168

## Sampling CDs, CD-ROMs, and Synth Patches

INSTRUMENTS SUPPORTED Akai.

**Trance 'n' Ambient Elements**

DESCRIPTION CD-ROM.

MSRP \$39.95.

INSTRUMENTS SUPPORTED WAV.

**Uberschall Sound Effects**

DESCRIPTION Audio CD.

MSRP \$99.95.

**Ultimate Piano**

DESCRIPTION CD-ROM.

MSRP \$399.95.

INSTRUMENTS SUPPORTED Akai.

**Ultimate Strings**

DESCRIPTION CD-ROM.

MSRP \$399.95.

INSTRUMENTS SUPPORTED Akai, GigaSampler.

**Vindaloops**

DESCRIPTION Audio CD.

MSRP \$99.95.

**Voice Spectral**

DESCRIPTION Audio CD.

MSRP \$49.95.

**Voice Spectral 2**

DESCRIPTION Audio CD.

MSRP \$99.95.

**Voodoo Grooves**

DESCRIPTION Audio CD.

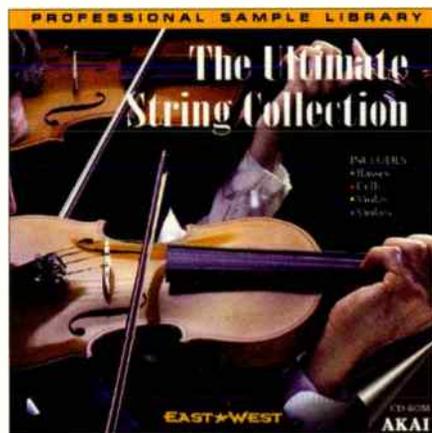
MSRP \$99.95.

**World Colors**

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai.



East-West Ultimate Strings

Reader Service No. 169

**World Rock Flavors**

DESCRIPTION Audio CD.

MSRP \$99.95.

**XX Large Analogue Dreams**

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, SampleCell.

**XX Large Extreme**

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, SampleCell.

**XX Large Extreme 2**

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, SampleCell.

**XX Large Most Wanted**

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai.

**XX Large No Kick**

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, SampleCell.

**XX Large Pads**

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, SampleCell.

**XX Large String Machines**

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, SampleCell.

**XX Large the Killer**

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai.

**XX Large the Killer 2**

DESCRIPTION Audio CD, CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, SampleCell.

**EAST-WEST/BEATBOY****Richie Gajate-Garcia Percussion Ensembles**

DESCRIPTION Audio CD.

MSRP \$99.95.

CONTENT Ensembles, small groups, and sample hits of Latin percussion grooves for traditional Latin, hip-hop, and house.

**EAST-WEST/SAMPLEHEADS****New York City Drumworks**

DESCRIPTION Audio CD and CD-ROM.

MSRP \$99.95 CD; \$249.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, SampleCell.

**New York City Percussionworks**

DESCRIPTION Audio CD and CD-ROM.

MSRP \$99.95 CD; \$249.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, SampleCell.

**Peter Erskine Living Drums**

DESCRIPTION Audio CD and CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

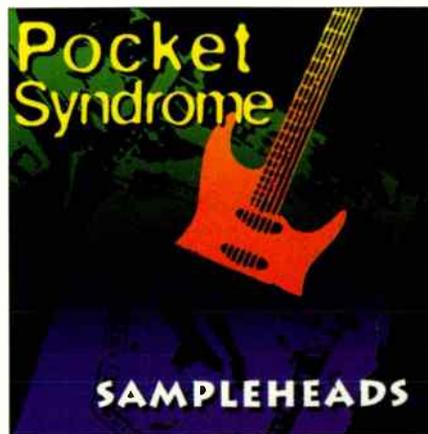
INSTRUMENTS SUPPORTED Akai, SampleCell.

**Pocket Syndrome**

DESCRIPTION Audio CD and CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.



Sampleheads Pocket Syndrome Reader Service No. 171

**The Will Lee Bass Library**

DESCRIPTION Audio CD and CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, SampleCell.

**Whole Lotta Country**

DESCRIPTION Audio CD and CD-ROM.

MSRP \$99.95 CD; \$249.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai.

**Will Lee Ultra Freakin' Bass, Vol. 2**

DESCRIPTION Audio CD and CD-ROM.

MSRP \$99.95 CD; \$149.95 CD-ROM.

INSTRUMENTS SUPPORTED Akai, SampleCell.

**EAST-WEST/TIME+SPACE****Chemical Beats**

DESCRIPTION CD-ROM.

MSRP \$199.95.

INSTRUMENTS SUPPORTED Akai, S3000.

CONTENT Beat Generator System variations.

**Clubsphere 1-5**

DESCRIPTION Audio CD.

MSRP \$39.95 each.

CONTENT Range of bpm grooves, many with different loops on the right and left sides of the stereo field.

**Creative Essentials Series**

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$29.95 each.

INSTRUMENTS SUPPORTED AIFF, WAV.

CONTENT Percussion, vocals, guitar, bass, synth bass, techno, funk, latin, India, Africa, vintage keyboards, strings, woodwinds, orchestral effects, drum hits, drum loops, horns, reggae, ambient, and electronic.

**Cuckooland: Asylum**

DESCRIPTION Audio CD.

MSRP \$99.95.

**Deepest India**

DESCRIPTION Audio CD.

MSRP \$129.95.

CONTENT Vocals, solo, group, instruments, film orchestras from India's film industry.

**Fields Of Motion**

DESCRIPTION Audio CD or CD-ROM, with MID file disk.

MSRP \$99.95 CD; \$199.95 Akai CD-ROM.

INSTRUMENTS SUPPORTED Akai.

CONTENT Machine grooves.

**Flamenco Sounds**

DESCRIPTION Audio CD.

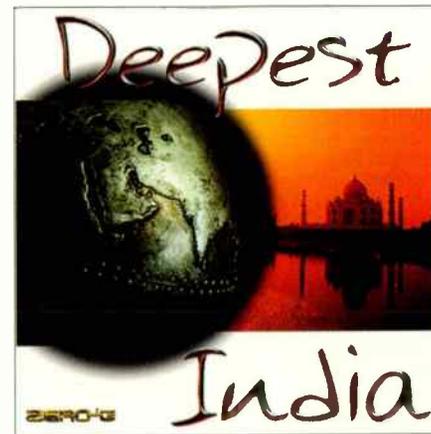
MSRP \$99.95.

CONTENT Flamenco guitar, singing, and tap-dance sounds.

**George Clinton Mixman Soundisc**

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$39.95.



Time + Space Deepest India

Reader Service No. 170

**INSTRUMENTS SUPPORTED** WAV, Mixman Studio .trk files.  
**CONTENT** License-free sounds, riffs, and grooves from Dr. Funkenstein.

### Gloss Mixman Soundisc

**DESCRIPTION** Mixed-mode audio CD/CD-ROM.  
**MSRP** \$39.95.

**INSTRUMENTS SUPPORTED** WAV, Mixman Studio .trk files.  
**CONTENT** Euro disco sounds.

### Guitar Odyssey

**DESCRIPTION** Audio CD.

**MSRP** \$99.95.

**CONTENT** Guitar riffs for dance styles. Clean/dirty, vintage stompbox processing, classic guitars, and amps.

### Jungle Warfare Series

**DESCRIPTION** Audio CD.

**MSRP** \$99.95 each.

**CONTENT** 3 volumes in series. Complete jungle construction set.

### K-Klass Mixman Soundisc

**DESCRIPTION** Mixed-mode audio CD/CD-ROM.

**MSRP** \$39.95.

**INSTRUMENTS SUPPORTED** WAV, Mixman Studio .trk files.  
**CONTENT** House, techno, electronic.

### Malice In Wonderland

**DESCRIPTION** Audio CD.

**MSRP** \$99.95 CD; \$199.95 Akai

**INSTRUMENTS SUPPORTED** Akai (ReCycled-w/midfile disk).

**CONTENT** Ambient/electronic pads, loops, and events.

### NY Cutz by Vinnie Zummo

**DESCRIPTION** Audio CD.

**MSRP** \$99.95.

**CONTENT** East coast hip-hop collection.

### Old School Flavours Series

**DESCRIPTION** Audio CD.

**MSRP** \$99.95 each.

**CONTENT** Vintage soul, Philly and Motown, Blue Note jazz/funk, Super-funk. Multiple bpm and single drum sounds.

### Phantom Horns

**DESCRIPTION** Audio CD.

**MSRP** \$99.95 CD; \$199.95 Akai.

**INSTRUMENTS SUPPORTED** Akai.

### Planet Of The Breaks

**DESCRIPTION** Audio CD.

**MSRP** \$99.95.

### Skinned

**DESCRIPTION** Audio CD.

**MSRP** \$99.95.

**CONTENT** From archives of Skinny Puppy.

### Skinny Puppy Mixman Soundisc

**DESCRIPTION** Mixed-mode audio CD/CD-ROM.

**MSRP** \$39.95.

**INSTRUMENTS SUPPORTED** WAV, Mixman Studio .trk files.

### Street Level Mixman Soundisc

**DESCRIPTION** Audio CD.

**MSRP** \$39.95.

**INSTRUMENTS SUPPORTED** WAV, Mixman Studio .trk files.

**CONTENT** Collection of West coast sounds for hip-hop construction.

### Twisted City

**DESCRIPTION** Audio CD.

**MSRP** \$99.95.

**CONTENT** Bristol sounds of Portishead, Sneaker Pimps, Space, and others.

## EMU-ENSONIQ

### Emulator Classic I & II Series

**DESCRIPTION** CD-ROM.

**MSRP** \$95.

**INSTRUMENTS SUPPORTED** E-mu.

**CONTENT** Classic E-mu library.

### EOS Producer Series

**DESCRIPTION** CD-ROM.

**MSRP** \$195 each.

**INSTRUMENTS SUPPORTED** E-mu.

**CONTENT** Includes sounds from Producer, Denny Jaeger Private Collection, 3D Sound, and Hollywood SFX collections.

### Formula 4000 Series

**DESCRIPTION** CD-ROM.

**MSRP** \$79 each; \$295 for 5-disc Pentapack.

**INSTRUMENTS SUPPORTED** E-mu, ESI-4000.

**CONTENT** Hip-hop, techno, trance, and other styles from Orbit + Beats, Vintage Keys/Vintage Plus, Proteus 3, and other E-mu synths.

### ModuleMania Series

**DESCRIPTION** CD-ROM.

**MSRP** \$29 each; \$99 for 5-disc Pentapack.

**INSTRUMENTS SUPPORTED** SoundFont format compatible with E-mu APS, Creation Studio, and Creative Sound Blaster PC soundcards.

**CONTENT** Features Planet Phatt, Vintage Keys, and Proteus 1/2/3 sounds.

### Peter Siedlaczek's Advanced Orchestra

**DESCRIPTION** CD-ROM.

**MSRP** \$999.

**INSTRUMENTS SUPPORTED** E-mu.

**CONTENT** Orchestral composition library for the Emulator EOS sampler series.

### Spin Series

**DESCRIPTION** Audio CD.

**MSRP** \$29.95.

**CONTENT** License-free grooves for DJ, sampling, multimedia, and Web uses. All tracks have timing and bpm information.

## F7 SOUND AND VISION

### Concept:FX

**DESCRIPTION** CD-ROM.

**MSRP** \$49.95.

**INSTRUMENTS SUPPORTED** AIFF, WAV, Macintosh and PC DAWs.

**CONTENT** 195 original sound effects including metallic hits, cyber shocks, explosions, and synthetic drones.

## GREYTSOUNDS

### 12-bit Floppy Disk Library

**DESCRIPTION** Floppy disk.

**MSRP** \$10 per disk.

**INSTRUMENTS SUPPORTED** Akai, Ensoniq.

**CONTENT** 100 titles including bass, drums and percussion, brass, strings, woodwinds, pianos, vintage keyboards, synthesizers, guitars, vocals, sound effects, and Fairlights.

### 16-bit Floppy Disk Library

**DESCRIPTION** Floppy disk.

**MSRP** \$10 per disk.

**INSTRUMENTS SUPPORTED** Akai, Ensoniq, Kurzweil.

**CONTENT** 100 titles including bass, drums and percussion, brass, strings, woodwinds, pianos, vintage keyboards, synthesizers, guitars, vocals, sound effects, and Fairlights.

### Alesis HR/SR-16 R&B Industrial Rhythms

**DESCRIPTION** Floppy disk.

**MSRP** \$24.95; \$14.95 via email.

**INSTRUMENTS SUPPORTED** Alesis HR-16/SR-16.

**CONTENT** 100 rhythm patterns in contemporary dance and pop styles. 24 edited drum kits. Patterns are grouped by style with a number of variations in each group including hip-hop, rasta, exotic funk, Euro-industrio.

### Audio Assassin

**DESCRIPTION** Audio CD.

**MSRP** \$99.95.

**CONTENT** Construction kit rap, techno, house, rock, rave, dance, and acid loops From the producer of LA Riot.

### Casio CZ series synth patches

**DESCRIPTION** Floppy disk.

**MSRP** \$29.95 each; \$19.95 via email.

**INSTRUMENTS SUPPORTED** Casio CZ-101/1000/3000/5000.

**CONTENT** Analog, digital, and emulative textures.

### Casio VZ series/PG380 synth patches

**DESCRIPTION** Floppy disk.

**MSRP** \$39.95; \$29.95 via email.

**INSTRUMENTS SUPPORTED** Casio VZ-1, VZ-10M, VZ-8M, and PG-380 guitar synthesizer.

**CONTENT** 64 Normal programs plus 64 operation memories. 16-voice polyphony and splits, layers, and crossfades.

### Classic Beatboxes & Drum Machines

**DESCRIPTION** Audio CD, CD-ROM.

**MSRP** \$99.95 CD; \$199.95 CD-ROM.

**INSTRUMENTS SUPPORTED** Akai, Ensoniq, Kurzweil.

**CONTENT** Classic beatboxes and drum machines. Programmed by vintage keyboard collector Dave Kerzner.

### Classic Keyboards & Vintage Synthesizers

**DESCRIPTION** Audio CD, CD-ROM.

**MSRP** \$99.95 CD; \$199.95 CD-ROM.

**INSTRUMENTS SUPPORTED** Akai, Ensoniq, Kurzweil.

**CONTENT** '60s and '70s keyboard classics programmed by Dave Kerzner.

### E-mu Emax 5-Pack Disk Library

**DESCRIPTION** Floppy disk.

**MSRP** \$49.95.

**INSTRUMENTS SUPPORTED** E-mu, Emax.

**CONTENT** Pop/rock sounds, orchestral instruments, ambient pop/rock textures, dance and rap effects and sounds.

### E-mu Proteus 1/XR Synth Patches

**DESCRIPTION** Floppy disk.

**MSRP** \$29.95 each.

**INSTRUMENTS SUPPORTED** Emu Proteus/1 and Proteus/XR.

**CONTENT** Includes K1000 Impressions, Fantasy Textures, and FM Textures.

### E-mu Proteus MPS Synth Patches

**DESCRIPTION** Floppy disk.

**MSRP** \$29.95 each.

**INSTRUMENTS SUPPORTED** Emu Proteus MPS.

**CONTENT** Enhanced acoustic emulations, vintage synthesizer re-creations, and contemporary electronic-oriented patches.

### Ensoniq EPS 5-Pack Floppy Disk Sets

**DESCRIPTION** Floppy disk.

**MSRP** \$39.95 per 5-pack; \$379.95 for all 15 packs.

**INSTRUMENTS SUPPORTED** Ensoniq.

### Ensoniq EPS-16 5-Pack Floppy Disk Sets

**DESCRIPTION** Floppy disk.

**MSRP** \$49.95 per 5-pack; \$299.95 for all 9 packs.

**INSTRUMENTS SUPPORTED** Ensoniq.

**CONTENT** Atmospheric, waveform construction sets, horns, famous synths, and more.

### Ensoniq SQ1/SQ2/SQ3/KS32 Synth Patches

**DESCRIPTION** Floppy disk.

**MSRP** \$39.95 each.

**INSTRUMENTS SUPPORTED** Ensoniq SQ1, SQ2, SQ3, KS32.

**CONTENT** Includes Masteram Collection, Film Textures, and R&B/Top 40 volumes.

### Ensoniq VFX/VFXSD/SD-1 Synth Patches

**DESCRIPTION** Floppy disk.

**MSRP** \$39.95 each.

**INSTRUMENTS SUPPORTED** Ensoniq VFX, VFX-SD, SD-1.

**CONTENT** Includes Samplers & Synthesizers, Super Stage & Studio, and other volumes.

### Greysounds, Vol. 1, Best of Everything

**DESCRIPTION** CD-ROM.

**MSRP** \$199.95.

**INSTRUMENTS SUPPORTED** Akai, E-mu, Ensoniq, Kurzweil, Peavey, WAV.

**CONTENT** 400-600MB of bass, drums, percussion, brass, strings, woodwinds, pianos, vintage keyboards, synthesizers, guitars, vocals, sound effects, Fairlights, and other samples.

### Kawai K1 Synth Patches

**DESCRIPTION** Floppy disk.

**MSRP** \$29.95 each.

**INSTRUMENTS SUPPORTED** Kawai K1, K1R, K1M and K1II.

**CONTENT** Includes Platinum Collection, Fantasy Collection, Pop/Rock Collection, and Orchestral Collection volumes.

### Kawai K4 Synth Patches

**DESCRIPTION** Floppy disk.

**MSRP** \$29.95 each.

**INSTRUMENTS SUPPORTED** Kawai K4, K4R.

**CONTENT** Includes M1 Impressions, D50 Impressions, Stage & Studio Collection volumes, and more.

### Kawai XD-5 Synth Patches

## Sampling CDs, CD-ROMs, and Synth Patches

**DESCRIPTION** Floppy disk.

MSRP \$29.95 each.

**INSTRUMENTS SUPPORTED** Kawai XD-5.**CONTENT** Includes R&B/Pop and Rock/FX volumes.**Killer Loops****DESCRIPTION** Audio CD.

MSRP \$99.95.

**CONTENT** Rap, techno, house, rock, rave, and dance loops produced by Chris Lang. 150 loops and 170 individual samples including DJ FX.**Korg A1 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95.

**INSTRUMENTS SUPPORTED** Korg A1 effects processor.**CONTENT** Includes LA. Super Session volume.**Korg A2/A3 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95.

**INSTRUMENTS SUPPORTED** Korg A2 and A3 effects processors.**CONTENT** Includes Guitar Heroes Studio Collection of simulations of famous guitar tones.**Korg DSS-1 Floppy Disk Library****DESCRIPTION** Floppy disk.

MSRP \$10 per disk; \$99.95 for 12-disk set.

**INSTRUMENTS SUPPORTED** Korg DSS-1.**CONTENT** Fairlight Soundtrax, Fairlight Orchestra Hits, Fairlight Vocals, Ultimate Piano, Ultimate Brass, Ultimate Strings, Synclav Soundtrax, and more.**Korg M1/M1R Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95 each.

**INSTRUMENTS SUPPORTED** Korg M1, M1R, M1Rex.**CONTENT** Includes New World Collection, Film Textures, Synthesizer Collection, Classical Organs, and other volumes.**Korg M1Rex Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95 each.

**INSTRUMENTS SUPPORTED** Korg M1Rex.**CONTENT** Includes Super R&B, Classical Organs and Sonic Landscapes/FX volumes.**Korg M3R Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95 each.

**INSTRUMENTS SUPPORTED** Korg M3R.**Korg O1/W Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$39.95 each.

**INSTRUMENTS SUPPORTED** Korg O1/W, O1/W FD, O1/W Pro, O1/W ProX.**CONTENT** Includes Symphonic Collection, Non-Linear Explorations, Urban Dance/Pop, Radical Film Textures, Industrial Cybertech volumes, and more.**Korg O3R/W Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$34.95 each.

**INSTRUMENTS SUPPORTED** Korg O3R/W.**CONTENT** Includes Symphonic Collection, Modern Synthesis, Urban Dance/Pop, Radical Film Textures, Country/Acoustic Folk volumes, and more.**Korg S3 Synth Patches/Rhythm Patterns****DESCRIPTION** Floppy disk.

MSRP \$29.95.

**INSTRUMENTS SUPPORTED** Korg S3.**CONTENT** Pop/Rock volume.**Korg T-Series 5-Pack Floppy Disks****DESCRIPTION** Floppy disk.

MSRP \$49.95 per 5-pack.

**INSTRUMENTS SUPPORTED** Korg T1, T2EX, T3EX.**CONTENT** PCM sample data for T-series keyboards.**Korg T-Series Floppy Disk Library****DESCRIPTION** Floppy disk.

MSRP \$10 per disk.

**INSTRUMENTS SUPPORTED** Korg T1, T2EX, T3EX.**CONTENT** 16 disks with PCM sample data and 20 patches per disk.**Korg T-Series Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$34.95 each.

**INSTRUMENTS SUPPORTED** Korg T1, T2, T3.**CONTENT** Soundtrack, New Age, Classical Organ Collection volumes and more.**Korg Wavestation A/D Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$39.95 each.

**INSTRUMENTS SUPPORTED** Korg Wavestation A/D.**CONTENT** Super Vocoder, Animated Orchestra, and Pop/Rock volumes.**Korg Wavestation Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$39.95 each.

**INSTRUMENTS SUPPORTED** Korg Wavestation, Wavestation A/D.**CONTENT** New Age Collection, Synthesizer Textures, Vector Atmospheres, SY77 Impressions, Granular Emulations volumes, and more.**Korg X2/X3****DESCRIPTION** Floppy disk.

MSRP \$34.95 each.

**INSTRUMENTS SUPPORTED** Korg X2, X3.**CONTENT** Symphonic Collection, Modern Synthesis, Urban Dance/Pop, New Age Textures, Stage & Studio volumes, and more.**Kurzweil K2000 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$39.95 each.

**INSTRUMENTS SUPPORTED** Kurzweil K2000, K2000VP, K2VX, K2500.**CONTENT** Hybrid Textures, Modern Synthesis, Stage & Studio, and Radical Film Textures volumes.**LP Percussion Library Vol. 1 Afro-Caribbean****DESCRIPTION** Audio CD, CD-ROM.

MSRP \$99.95 CD; \$199.95 CD-ROM.

**INSTRUMENTS SUPPORTED** Akai.**CONTENT** Single hits and rhythms by Marc "Inspector Clave" Quinones. Bata, bongos, claves, congas, cowbells, flexitones, guiros, maracas, tambora, timbales, vibra-slap, and wood blocks.**LP Percussion Library Vol. 2 Afro-Brazilian****DESCRIPTION** Audio CD.

MSRP \$119.95.

**CONTENT** Single hits and authentic rhythms played by Ron Powell including agogos, berimbau, cabasas, caxixis, claves, crickets, cuicas, djembe, frigidieras, guiros, pandieros, rain sticks, and others. Rhythms included.**Marco's Loop-d-Loops/John Wilmer's Live Loops****DESCRIPTION** Audio CD.

MSRP \$99.95.

**CONTENT** 170 house, acid house, R&B, dance, ambient, tribal, and techno loops Marco. Also modular synths, vocal fx, sound fx, hits, tape stops, record scratches, and TB 303 baseline loops.**MPC2000 CD-ROM****DESCRIPTION** CD-ROM.

MSRP \$199.95.

**INSTRUMENTS SUPPORTED** Akai.**CONTENT** Includes all 88 titles of MPC-2000 floppy disk library.**MPC60/MPC2000/MPC3000 Floppy Disks****DESCRIPTION** Floppy disk.

MSRP \$10 per disk.

**INSTRUMENTS SUPPORTED** Akai.**CONTENT** 88 titles of various drum and percussion sounds.**Peavey DPM/DPMV3 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95.

**INSTRUMENTS SUPPORTED** Peavey DPM, DPMV3.**CONTENT** Emulative Textures volume.**Philip Wolfe's Rock Keyboards****DESCRIPTION** CD-ROM.

MSRP \$199.95.

**INSTRUMENTS SUPPORTED** Akai, E-mu, Ensoniq, Kurzweil, Peavey, SampleCell.**CONTENT** B-3s sampled from the preamp and with mics on Leslie speaker.

Also includes Moog pads, filter sweeps, polysynths, polybrass, bass sounds, buzzy sawtooth, wah-filter, sample-and-hold, analog strings, sine and square wave synths.

**Pop, Rock, and R&B Sound Source Audio Sampling CD****DESCRIPTION** Audio CD.

MSRP \$99.95.

**CONTENT** 99 tracks of electric pianos, organs, strings, brass, bass, guitars, drums, and 20 hip-hop loops. All individual sounds taken from the Sound Source sound libraries.**Roland D-50/D-550 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95 each.

**INSTRUMENTS SUPPORTED** Roland D-50, D-550.**CONTENT** TV/Film, Power Synths, Dance Mix, Producer Series, Artist Series volumes, and more.**Roland D-70 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95 each.

**INSTRUMENTS SUPPORTED** Roland D-70.**CONTENT** Proteus/XR Impressions, Atmospheric Textures, Synthesizer Collection, Artist Series collections, and more.**Roland D-20/D-10/D-5/D-110 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95 each.

**INSTRUMENTS SUPPORTED** D-110, D-20, D-10, D-5.**CONTENT** Dance Mix, Digital Synths, New Age, and Multitimbral Artist volumes.**Roland JD-800/JD-990 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$39.95 each.

**INSTRUMENTS SUPPORTED** Roland JD-800, JD-990.**CONTENT** Urban Pop Collection, New Age Collection, Film Textures, Hybrid Textures volumes, and more.**Roland JV-80/880/1080 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$39.95 each.

**INSTRUMENTS SUPPORTED** Roland JV-80, JV-880, JV-1080.**CONTENT** Country/Acoustic Folk, Animated Textures, R&B Synths, Hybrid Textures, and Sequencer Companion volumes.**Roland MT-32 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$19.95 each.

**INSTRUMENTS SUPPORTED** Roland MT-32.**Roland SC-55/Sound Canvas Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95.

**INSTRUMENTS SUPPORTED** Roland SC-55 Sound Canvas.**CONTENT** Hybrid/Alternative, Film/New Age, and Stage & Studio volumes.**Roland U-20 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95.

**INSTRUMENTS SUPPORTED** Roland U-20.**CONTENT** Artist Series, Stage & Studio volumes.**Sonic Textures Sound Source Audio CD****DESCRIPTION** Audio CD.

MSRP \$99.95.

**CONTENT** Swirling, atmospheric, textural pads, ambient washes, and layered effects from Sound Source's sound libraries.**The Founder's Series Sound Effects****DESCRIPTION** CD-ROM.

MSRP \$199.95.

**INSTRUMENTS SUPPORTED** Akai, E-mu.**CONTENT** Original film sound effects as heard in Rear Window, Vertigo, North by Northwest, The Gauntlet, The Enforcer, The Outlaw Josey Wales, The Ten Commandments, Conan the Barbarian, The Entity, Judge Roy Bean, Red Line 7000, Onion Fields, and more.**The Patrick Moraz Private Collection****DESCRIPTION** CD-ROM.

**Ilio Fingerstyles**

Reader Service No. 151

MSRP \$199.95.

**INSTRUMENTS SUPPORTED** Akai, Kurzweil.**CONTENT** All of Patrick's favorite keyboards as heard in Yes and the Moody Blues. Includes custom Mellotron tapes, Arp 2600, Hammond C-3 organ, Roland VP-330 vocoder, and his custom-built Oberheim 8-voice SEM.**TX81Z Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$19.95 each.

**INSTRUMENTS SUPPORTED** Yamaha TX81Z.**CONTENT** Designer Series, R&B Dance, Guitars, Digital Synths, Custom Wind Voices, L/A Collection, Classic FM Collection volumes, and more.**Wolfe/Crozier Saxophones****DESCRIPTION** CD-ROM.

MSRP \$199.95.

**INSTRUMENTS SUPPORTED** Akai, Ensoniq, Kurzweil.**CONTENT** Sampled chromatically and with up to 4 velocities. Produced and engineered by Philip Wolfe.**Yamaha DX-11 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$19.95 each.

**INSTRUMENTS SUPPORTED** Yamaha DX-11.**CONTENT** Designer Series, Digital Synths volumes.**Yamaha DX21/27/100 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95 each.

**INSTRUMENTS SUPPORTED** Yamaha DX21, DX27, DX100.**CONTENT** Unique FM Library Collection, Operator Assistance volumes.**Yamaha DX7 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95.

**INSTRUMENTS SUPPORTED** Yamaha DX7.**CONTENT** Stage & Studio Collection volume.**Yamaha DX7IIFD Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95 each.

**INSTRUMENTS SUPPORTED** Yamaha DX7II, DX7IIFD.**CONTENT** New Age Collection, Super R&B volumes.**Yamaha SY22 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$49.95 each.

**INSTRUMENTS SUPPORTED** Yamaha SY22, SY35.**CONTENT** SY77 Impressions, Proteus Impressions, Vector Atmospheres, and Ultimate Top 40 volumes.**Yamaha SY55/TG55 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$49.95 each.

**INSTRUMENTS SUPPORTED** Yamaha SY55, TG55.**CONTENT** Modern Artist Soundscapes and Analog Soundscapes dual soundbank volumes.**Yamaha SY77/TG77 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95 each.

**INSTRUMENTS SUPPORTED** Yamaha SY77, TG77.**CONTENT** Manhattan Collection, California Collection, Atmospheric Col-

lection, Pop Music Collection, Film Textures, Wavestation Impressions volumes, and more.

**Yamaha SY85 PCM Sample Disks & Patches****DESCRIPTION** Floppy disk.

MSRP \$14.95 each.

**INSTRUMENTS SUPPORTED** Yamaha SY85.**CONTENT** Acoustic Guitars, Dyno Rhodes, Full Violin Section, French Horn Ensemble, and Violas Attack volumes.**Yamaha SY85/TG500 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95 each.

**INSTRUMENTS SUPPORTED** Yamaha SY85, TG500.**CONTENT** Super R&B, Country/Acoustic Folk, Hybrid Textures, and Radical Film Textures volumes.**Yamaha SY99 Optimized SY77 banks****DESCRIPTION** Floppy disk.

MSRP \$49.95 each.

**INSTRUMENTS SUPPORTED** Yamaha SY 99.**CONTENT** Pop/Rock/R&B and Atmospheric/Film volumes.**Yamaha SY99 PCM Sample Disk 5-Packs****DESCRIPTION** Floppy disk.

MSRP \$69.95 per 5-pack.

**INSTRUMENTS SUPPORTED** Yamaha SY99.**CONTENT** Guitar and Bass, Orchestra, Synths, Ethnic, Drums, Claviers volumes, and more.**Yamaha SY99 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95 each.

**INSTRUMENTS SUPPORTED** Yamaha SY99.**CONTENT** Radical Film Textures, Vector Emulations, Rock, Pop & Roll, and Killer B-3s volumes.**Yamaha TG33 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$49.95 each.

**INSTRUMENTS SUPPORTED** Yamaha TG33.**CONTENT** R&B/Vector Atmospheres and New Age/Orchestral volumes.**Yamaha TX16W Sample Disk Library****DESCRIPTION** Floppy disk.

MSRP \$9.95 per disk, all 89 \$499.

**INSTRUMENTS SUPPORTED** Yamaha TX-16W.**CONTENT** 89 disk sample library for Yamaha's TX16W.**Yamaha TX802 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95 each.

**INSTRUMENTS SUPPORTED** Yamaha TX802.**CONTENT** Power Synths and MIDI Wind Voices II volumes.**Yamaha V50 Synth Patches****DESCRIPTION** Floppy disk.

MSRP \$29.95 each.

**INSTRUMENTS SUPPORTED** Yamaha V50.**CONTENT** New York Collection, New Age Collection, Los Angeles Collection, Multi-Timbral Collection, Down Under Collection, and Urban Pop/Industrial volumes.**ILIO ENTERTAINMENTS****Double Platinum Drums****DESCRIPTION** CD-ROM, Audio CD.

MSRP \$299 CD-ROM; \$129 CD.

**INSTRUMENTS SUPPORTED** Akai, E-mu, Kurzweil, SampleCell.**CONTENT** Dry and ambient rock drum loops and kits. Rock, shuffle, funk, country, Latin, and more.**Double Platinum Rock Piano****DESCRIPTION** CD-ROM.

MSRP \$149.

**INSTRUMENTS SUPPORTED** Akai, E-mu, Kurzweil, SampleCell.**CONTENT** Vintage Steinway. 3 velocities, all 88 keys sampled. From 8MB to 64MB file sizes.**Fingerstyles****DESCRIPTION** CD-ROM and/or audio CD.

MSRP \$199 CD-ROM includes CD; \$99 CD.

**INSTRUMENTS SUPPORTED** Akai, E-mu, Kurzweil, SampleCell.**CONTENT** Acoustic guitar patterns, melodies, cadences and strums arranged in construction kits, from ballad to rock.**Fretworks****DESCRIPTION** CD-ROM and/or audio CD.

MSRP \$199 CD-ROM includes audio CD; \$99 CD.

**INSTRUMENTS SUPPORTED** Akai, E-mu, Kurzweil, SampleCell.**CONTENT** Hiram Bullock, Nunzio Signiore, Mr. Bill Simms, and others playing various acoustic stringed instruments. Styles include Delta blues, Appalachian folk, swing, and shuffle.**ILIO/IK MULTIMEDIA****IK Multimedia AXE****DESCRIPTION** Audio CD, Mac/PC CD-ROM.

MSRP \$99 CD; \$99 CD-ROM.

**INSTRUMENTS SUPPORTED** AIFF, WAV.**CONTENT** 800 Brazilian percussion loops. Save-on-the-fly groove capture.**IK Multimedia Contaminated****DESCRIPTION** Mac/PC CD-ROM.

MSRP \$49.

**INSTRUMENTS SUPPORTED** AIFF, WAV.**CONTENT** 500 loops of UK flux, metal dub, chemical, and aggressive uptempo beats for use with GrooveMaker remixing software. Includes 99 synth arpeggiator sounds.**IK Multimedia Drumbasstic****DESCRIPTION** Mac/PC CD-ROM.

MSRP \$49.

**INSTRUMENTS SUPPORTED** AIFF, WAV.**CONTENT** 500 loops of drum 'n' bass, trip-hop, psycho-trance, tribal grooves, and Soundscapes for use with GrooveMaker remixing software.**IK Multimedia GrooveMaker and Dancity****DESCRIPTION** Mac/PC CD-ROM.

MSRP \$69.

**INSTRUMENTS SUPPORTED** AIFF, WAV.**CONTENT** 500 loops of techno, house, progressive, Eurodance, jungle, and trash packaged with GrooveMaker remixing software. Royalty-free.**ILIO/PROPELLER ISLAND****Propeller Island Cathedral Organ****DESCRIPTION** Audio CD, CD-ROM.

MSRP \$99 CD; \$249 CD-ROM.

**INSTRUMENTS SUPPORTED** Akai, E-mu, Kurzweil.**CONTENT** German Cathedral Organ with variety of manual settings and program options.**Propeller Island Complete Gamelan****DESCRIPTION** Audio CD, CD-ROM.

MSRP \$99 CD; \$249 CD-ROM.

**INSTRUMENTS SUPPORTED** Akai, E-mu, Kurzweil.**CONTENT** Metallic textures from Indonesian gamelan orchestra. Multi-samples of Gong Besar, Gong Kecil, Jenglongs, Bonangs, Sarons, and Gendangs.**Double Platinum Drums**

Reader Service No. 150

## Sampling CDs, CD-ROMs, and Synth Patches

**Spectrasonics Symphony of Voices**

Reader Service No. 155

**Propeller Island Giant Gongs**

DESCRIPTION Audio CD.

MSRP \$99.

CONTENT Standard and exotic gongs with both tonal and atonal timbres. Many sounds enhanced with computer-generated effects.

**Propeller Island Legendary M400**

DESCRIPTION CD-ROM and/or audio CD.

MSRP \$149 CD-ROM includes CD; \$79 CD.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil.

CONTENT All 35 keys of original M400 presets. Choir, 2 string sounds, Flute, Oboe, Brass, FX.

**ILIO/SPECTRASONICS****Spectrasonics Bass Legends**

DESCRIPTION CD-ROM, audio CD.

MSRP \$299 CD-ROM; \$99 CD.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT Bass multisamples and chromatically-sampled grooves from Marcus Miller, John Patitucci, and Abraham Laboriel, Sr.

**Spectrasonics Burning Grooves**

DESCRIPTION CD-ROM and/or audio CD.

MSRP \$199 CD-ROM includes CD; \$99 CD.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT Grooves and drum kit samples from drummer Abe Laboriel, Jr. 60+ multi-velocity layer drum kits are available only on CD-ROM version.

**Spectrasonics Distorted Reality, Vol. 1**

DESCRIPTION CD-ROM, audio CD.

MSRP \$199 CD-ROM; \$99 CD.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT Sound design by Eric Persing and Ryeland Allison including hits, fx, loops, pads, drones, and electronica.

**Spectrasonics Vocal Planet** Reader Service No. 156**Spectrasonics Distorted Reality  
Darkness & Light Vol. 2**

Reader Service No. 153

**Spectrasonics Distorted Reality, Vol. 2  
Darkness and Light**

DESCRIPTION CD-ROM, audio CD.

MSRP \$199 CD-ROM; \$99 CD.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT Hits, FX, loops, pads, drones, and electronica.

**Spectrasonics Hans Zimmer Guitars, Vol. 1**

DESCRIPTION CD-ROM, audio CD.

MSRP \$299 CD-ROM; \$99 CD.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT Vintage acoustic and electric guitars with up to 12 velocity layers per key.

**Spectrasonics Heart of Africa Tribal Voices  
and Phrases**

DESCRIPTION CD-ROM.

MSRP \$199.

INSTRUMENTS SUPPORTED Roland.

CONTENT African phrases and loops from "Heart of Africa" series for native Roland sampler users.

**Spectrasonics Heart of Africa, Vol. 1**

DESCRIPTION CD-ROM and/or audio CD.

MSRP \$299 CD-ROM includes CD; \$129 CD.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT African instrument multisamples, phrases, and vocals recorded in villages and studios in South, North, East, and West Africa.

**Spectrasonics Heart of Africa, Vol. 2**

DESCRIPTION CD-ROM, audio CD.

MSRP \$199 CD-ROM; \$99 CD.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil.

CONTENT Tribal phrases, loops, and performances from a festival in Kenya.

**Spectrasonics Heart of Asia**

DESCRIPTION CD-ROM, audio CD.

MSRP \$399 CD-ROM; \$129 CD.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT 1GB of Asian and Indian instruments and voices. Includes multisamples and phrases.

**Spectrasonics Liquid Grooves**

DESCRIPTION CD-ROM and/or audio CD.

MSRP \$199 CD-ROM includes CD; \$99 CD.

**Ilio TranceFusion** Reader Service No. 157**Ilio/USB Flamenco**

Reader Service No. 158

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT Drum and percussion grooves featuring Bob Wilson and Eric Boseman.

**Spectrasonics Supreme Beats African/  
Contemporary**

DESCRIPTION CD-ROM.

MSRP \$199.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT Percussion grooves and samples by Bashiri Johnson, Luis Conte, and others. Includes all material from African and Contemporary audio CDs, plus additional material from the International audio CD and more.

**Spectrasonics Supreme Beats Percussion  
Library Vol. 1-4**

DESCRIPTION Audio CD.

MSRP \$249.

CONTENT 4-CD set of percussion grooves and samples by Bashiri Johnson, Luis Conte, and others. Discs include African, World, Dance and Contemporary.

**Spectrasonics Supreme Beats Percussion  
Library World/Dance**

DESCRIPTION CD-ROM.

MSRP \$199.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT Percussion grooves and samples by Bashiri Johnson, Luis Conte, and others. Includes all material from World and Dance audio CDs, plus additional material from the International audio CD and more.

**Spectrasonics Supreme Beats, Vol. V  
International**

DESCRIPTION Audio CD.

MSRP \$99.

CONTENT Percussion grooves and samples by Bashiri Johnson, Luis Conte, and others. Styles include Brazilian, Latin, African, Native American, hip-hop, contemporary, and many hybrids.

**Spectrasonics Symphony of Voices**

DESCRIPTION CD-ROM.

MSRP \$499.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT Multisampled choirs and voices of large London choirs, boys choir, multitracked pop stacks, classical soloists, and gregorian chants.

**Spectrasonics Liquid Grooves** Reader Service No. 154

**Spectrasonics Vocal Planet**

DESCRIPTION CD-ROM and/or audio CD.

MSRP \$299 CD-ROM includes CD; \$149 CD.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT Black gospel choirs, jazz/acapella groups, R&amp;B, dance, and world voices. Includes Tuvan throat singers of Mongolia, Mississippi bluesmen, and Celtic singing.

**ILIO/SYNCLAVER****Synclavier Essential Audio CD**

DESCRIPTION Audio CD.

MSRP \$99.

CONTENT Drum, guitar, synth, keyboard, and bass samples from the Synclavier library.

**Synclavier Orchestral**

DESCRIPTION Audio CD.

MSRP \$99.

CONTENT Orchestral strings, brass, percussion, and world instruments from the Synclavier Library.

**Synclavier Sampler Library Brass and Winds**

DESCRIPTION CD-ROM.

MSRP \$249.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil.

CONTENT Close-miked orchestral brass and woodwind collection. Solo trumpet, trombone, tuba, French horn, flugelhorn, clarinet, bass clarinet, oboe, English horn, bassoon, sax, flute, ensemble trumpets, trombones, and more.

**Synclavier Sampler Library Essential Percussion**

DESCRIPTION CD-ROM.

MSRP \$187.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT Rock, pop, percussion, and dance drum sounds. Includes electric Bass and 280 kick and snare samples.

**Synclavier Sampler Library Keys and Guitars**

DESCRIPTION CD-ROM.

MSRP \$249.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT Acoustic and electric keyboards such as concert grand, electrics, vintage and digital synth sounds.

**Synclavier Sampler Library Strings**

DESCRIPTION CD-ROM.

MSRP \$249.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT Violin, viola, cello sections, harp notes, and glissandos.

**Synclavier Sampler Library World & Orchestral Percussion**

DESCRIPTION CD-ROM.

MSRP \$187.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT Orchestral and World Percussion instruments. Mostly multi-samples with up to 6 velocity steps.

**TranceFusion**

DESCRIPTION CD-ROM and/or audio CD.

MSRP \$199 CD-ROM includes CD; \$99 CD.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil, SampleCell.

CONTENT Sweeps, swirls, and swells from vintage and digital gear. Also percussion sweeps, textures, arpeggios, lasers, and stabs for remixing.

**ILIO/USB****USB Basicussions**

DESCRIPTION Mixed-mode audio CD, CD-ROM.

MSRP \$99.

INSTRUMENTS SUPPORTED Akai, E-mu.

CONTENT Dance grooves and hits using congas, djembes, bongos, shakers, and others.

**USB Church Organs Version 2**

DESCRIPTION CD-ROM.

MSRP \$299.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil.

CONTENT Four French pipe organs sampled in stereo. Many ranks and registers from the full great organ to the wood flutes.

**USB Def House**

DESCRIPTION CD-ROM, Audio CD.

MSRP \$199 CD-ROM; \$99 CD.

INSTRUMENTS SUPPORTED Akai, E-mu, Ensoniq ASR, Roland.

CONTENT Grooves, drum and bass samples. Features garage, house, and tribal grooves. CD-ROMs feature grooves from 110 to 140 bpm and tempo/key templates.

**USB Dope Headz**

DESCRIPTION CD-ROM and/or audio CD.

MSRP \$199 CD-ROM includes CD; \$99 CD.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil.

CONTENT Live performance jungle and trip-hop drum loops and multisamples.

**USB Flamenco**

DESCRIPTION CD-ROM, audio CD.

MSRP \$299 CD-ROM; \$99 CD.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil.

CONTENT Ensemble guitar patterns and riffs in major and minor keys, plus solo guitar chords and multisamples. Includes speaking and singing voices, hand claps, and foot stomps.

**USB Mediterranean Instruments**

DESCRIPTION CD-ROM.

MSRP \$299.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil.

CONTENT Chromatically-sampled phrases and multisamples of bouzouki, baglamas, tzouras, oud, saz, jubus, darbuka, and more.

**USB Pit Bull**

DESCRIPTION CD-ROM and/or Audio CD.

MSRP \$199 CD-ROM includes CD; \$99 CD.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil.

CONTENT Drum 'n' bass samples, jungle, and hardcore. Tempos from 150 to 175 bpm.

**USB Synth City**

DESCRIPTION CD-ROM.

MSRP \$199.

INSTRUMENTS SUPPORTED Akai, E-mu, Kurzweil.

CONTENT Multi-sampled digital synth sounds with M1 and JD-800 impressions.

**KAWAI****ASL-1 Session Tool Kit**

DESCRIPTION Floppy disk.

MSRP \$49.95.

INSTRUMENTS SUPPORTED Kawai K5000 Series.

**ASL-2 Bass, Solo, and Lead**

DESCRIPTION Floppy disk.

MSRP \$49.95.

INSTRUMENTS SUPPORTED Kawai K5000 Series.

**ASL-3 Classic Sounds**

DESCRIPTION Floppy disk.

MSRP \$49.95.

INSTRUMENTS SUPPORTED Kawai K5000 series.

**ASL-4 Pads and Comping**

DESCRIPTION Floppy disk.

MSRP \$49.95.

INSTRUMENTS SUPPORTED Kawai K5000 series.

**MASTERBITS****Euroshere Base Package**

DESCRIPTION Audio CD.

MSRP \$499.

CONTENT European sound effect and atmosphere library for TV, movie, broadcasting, commercials, theater, multimedia, and sampling.

**Euroshere Add-on Package**

DESCRIPTION Audio CD.

MSRP \$299.

CONTENT European sound effect and atmosphere library for TV, movie, broadcasting, commercials, theater, multimedia, and sampling.

**House TRAX.**

DESCRIPTION Audio CD.

MSRP \$69.

CONTENT Over 260 drum loops in three tempo groups. Multisamples of house pianos and organs. Female vocal kits.

**Sound Solution Vol. 11 Add Lips**

DESCRIPTION Audio CD.

MSRP \$39.

CONTENT Voice and vocals package of female hook lines, ad libs, scat and jazz vocals recorded throughout Europe and around the world.

**Sound X-Plorer**

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP Starts at \$5.

CONTENT Over 8 hours overall run time. 5,000 MPEG-3 format test samples, MPEG-3 player included). This demo CD offers PC and Mac users extra features via Internet.

**MATRIX PRODUCTIONS****Patches for Sequential Circuits Prophet 600**

DESCRIPTION Patch sheets.

MSRP \$24.95.

INSTRUMENTS SUPPORTED Prophet 600.

CONTENT 100 programs for most modern styles including rap, hip-hop, house, techno, industrial, and new age.

**Patches for the ARP Odyssey/Avatar**

DESCRIPTION Patch sheets.

MSRP \$19.95.

INSTRUMENTS SUPPORTED ARP Odyssey and Avatar.

CONTENT 50 programs for most modern styles of dance music.

**The Bass Machine**

DESCRIPTION Floppy disk.

MSRP \$19.95.

INSTRUMENTS SUPPORTED E-mu.

CONTENT 50 synth bass samples for most dance styles including rap, hip-hop, dance, and industrial.

**MIXMAN****George Clinton**

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$39.95.

INSTRUMENTS SUPPORTED WAV, Mixman .trk, stereo audio files.

CONTENT Grooves and solos of horns, drums, bass, keys, synths, and guitars.

**Gloss**

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$39.95.

INSTRUMENTS SUPPORTED WAV, Mixman .trk, stereo audio files.

CONTENT Classic drum sounds from TR-808 and TR-909, bass patterns, and synthesizer melodies.

**K-Klass**

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$39.95.

INSTRUMENTS SUPPORTED WAV, Mixman .trk, stereo audio files.

CONTENT European techno-house rhythms, techno sounds, and tribal vibes.

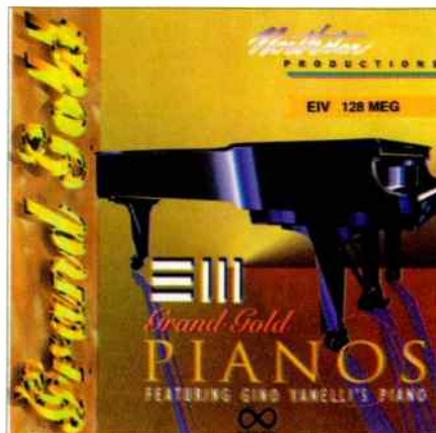
**Skinny Puppy**

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$39.95.

INSTRUMENTS SUPPORTED WAV, Mixman .trk, stereo audio files.

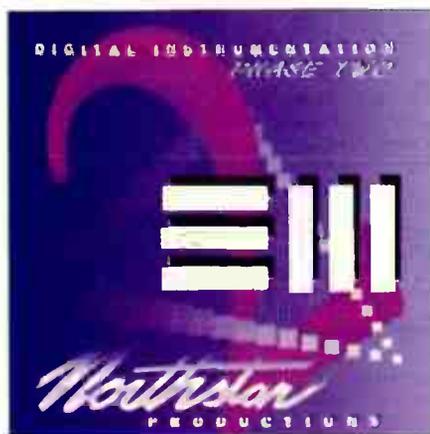
CONTENT Ambience, basslines, guitars, percussive loops, and keys.

**Street Level**

Northstar Grand Gold Pianos

Reader Service No. 174

## Sampling CDs, CD-ROMs, and Synth Patches

**Northstar Phase 3**

Reader Service No. 175

DESCRIPTION Mixed-mode audio CD/CD-ROM.

MSRP \$39.95.

INSTRUMENTS SUPPORTED WAV, Mixman .trk, stereo audio files.

CONTENT Mid-tempo hip-hop, West Coast disco funk, East Coast loops.

**NORTHSTAR PRODUCTIONS**

The logo for Northstar Productions, featuring the word "Northstar" in a stylized script font above the word "PRODUCTIONS" in a bold, sans-serif font.

P R O D U C T I O N S

**Dancescapes**

DESCRIPTION Audio CD.

MSRP \$89.95.

CONTENT 72 dance and rap 16-bar drum and percussion loops. Includes intros, breaks, verses, and chorus. 420 samples.

**Drumsapes 770**

DESCRIPTION CD-ROM.

MSRP \$395

INSTRUMENTS SUPPORTED Roland S-770.

CONTENT 50 banks of studio drum kit samples, loops, and fills.

**Drumsapes EIII**

DESCRIPTION CD-ROM.

MSRP \$495.

INSTRUMENTS SUPPORTED E-mu.

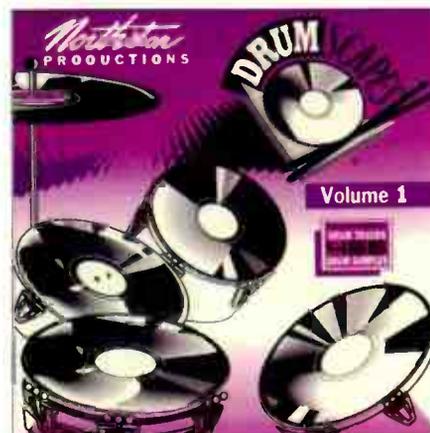
CONTENT Drum kit samples, loops, breaks, and fills by drummers Mark Schulman of Foreigner and Brian Willis of Quarterflash.

**Drumsapes, Vol. 1**

DESCRIPTION Audio CD.

MSRP \$89.95.

CONTENT 13 complete studio drum tracks with verses, choruses, and bridges. Plus 500 individual samples.

**Northstar Drumsapes Vol.1**

Reader Service No. 173

**Northstar Russian Masters**

Reader Service No. 176

**EFX 1 & 2 Hollywood Edge**

DESCRIPTION CD-ROM.

MSRP \$495 each.

INSTRUMENTS SUPPORTED E-mu.

CONTENT 161 banks of sound effects library for film and media.

**Global Instruments 1**

DESCRIPTION CD-ROM.

MSRP \$199.

INSTRUMENTS SUPPORTED Roland S-770.

CONTENT 35 banks of ethnic stringed and wind instrument samples and performances.

**Global Instruments 2**

DESCRIPTION CD-ROM.

MSRP \$199.

INSTRUMENTS SUPPORTED Roland S-770.

CONTENT 44 banks of ethnic and world percussion samples and performances.

**Graham Lear's Latin Rock Drumsapes, Vol. 3**

DESCRIPTION Audio CD.

MSRP \$89.95.

CONTENT Drum tracks and samples from Santana's former drummer Graham Lear and percussionist Orestes Vilato. 700 drum and percussion samples.

**Grand Gold Pianos**

DESCRIPTION CD-ROM.

MSRP \$495.

INSTRUMENTS SUPPORTED E-mu, Eiv, EIII, EIII, ESI.

CONTENT 4-position velocity switch with resonance sampling technique. 9' Steinway, 7'6" Yamaha C7, 6' Yamaha, and more.

**Hanna-Barbera FX**

DESCRIPTION CD-ROM.

**Northstar The Wizard**

Reader Service No. 177

**Northstar Studio Acoustic Guitar**

Reader Service No. 178

MSRP \$495

INSTRUMENTS SUPPORTED E-mu.

CONTENT Classic comedy sound effects. 150 Banks.

**Max 1**

DESCRIPTION CD-ROM.

MSRP \$195.

INSTRUMENTS SUPPORTED E-mu.

CONTENT 99 banks of pop, rock, and rap instruments. 33 4MB banks and 66 1MB banks.

**Max 2**

DESCRIPTION CD-ROM.

MSRP \$195.

INSTRUMENTS SUPPORTED E-mu.

CONTENT 99 banks of classical and ethnic instruments. 33 4MB banks and 66 1MB banks.

**Max 3**

DESCRIPTION CD-ROM.

MSRP \$195

INSTRUMENTS SUPPORTED E-mu.

CONTENT 99 banks of analog, digital, and hybrid synths. 33 4MB banks and 66 1MB banks.

**NewGold 1**

DESCRIPTION CD-ROM.

MSRP \$295.

INSTRUMENTS SUPPORTED Akai.

CONTENT 50 banks of rock, rap, and jazz instruments.

**NewGold 2**

DESCRIPTION CD-ROM.

MSRP \$295.

INSTRUMENTS SUPPORTED Akai.

CONTENT 50 banks of classical, pop, and jazz instruments.

**NewGold 3**

DESCRIPTION CD-ROM.

MSRP \$295.

INSTRUMENTS SUPPORTED Akai.

CONTENT 75 banks of ethnic and world instruments, and sound effects.

**Northstar E-mu SP1200 Library**

DESCRIPTION Floppy disk.

MSRP \$20 per disk.

INSTRUMENTS SUPPORTED E-mu.

CONTENT Drum samples for E-mu SP12 and SP1200 drum machines. 63 disks and kits.

**Northstar Emax I Library**

DESCRIPTION Floppy disk.

MSRP \$20 per disk.

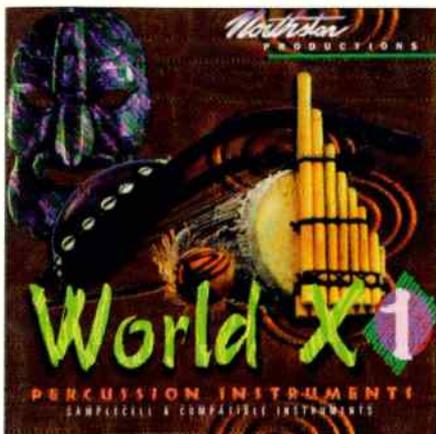
INSTRUMENTS SUPPORTED E-mu Emax.

CONTENT 301 Emax I format sound disks in all categories of instruments and effects.

**Northstar Emulator II Library**

DESCRIPTION Floppy disk.

MSRP \$20 each.

**Northstar World X1**

Reader Service No. 179

**INSTRUMENTS SUPPORTED** E-mu EII.**CONTENT** 500 different disks in all sound categories for the Emulator II. 5-1/4" floppies.**Phase 2****DESCRIPTION** CD-ROM.**MSRP** \$495 full version; \$199 lite.**INSTRUMENTS SUPPORTED** E-mu.**CONTENT** 72 banks of orchestral, ethnic, contemporary instruments, and vocals.**Phase 3****DESCRIPTION** CD-ROM.**MSRP** \$495 full version; \$199 lite.**INSTRUMENTS SUPPORTED** E-mu.**CONTENT** pop, classical, jazz instruments, and vocals. 85 banks.**Phase 4****DESCRIPTION** CD-ROM.**MSRP** \$495 full version; \$199 lite.**INSTRUMENTS SUPPORTED** E-mu.**CONTENT** Rare ethnic pitched and percussion instruments including bagpipes, shakuhachi, African percussion, and more.**Phase 5****DESCRIPTION** CD-ROM.**MSRP** \$495 Full Version, \$199 Lite.**INSTRUMENTS SUPPORTED** E-mu.**CONTENT** Jazz and pop instruments, percussion, and vocals. 85 banks.**Russian Masters****DESCRIPTION** CD-ROM.**MSRP** \$495 Full Version; \$199 Lite.**INSTRUMENTS SUPPORTED** E-mu.**CONTENT** Acoustic instruments from the former Soviet Union including balalaika, tremolande, and ensembles.**Northstar K2000**

Reader Service No. 180

**Sample It Loops****DESCRIPTION** CD-ROM.**MSRP** \$295.**INSTRUMENTS SUPPORTED** E-mu.**CONTENT** Old school and dance drum loops. Includes intros, breaks, verses, choruses, and Moog Bases. 56 Banks.**SampleCell, Vol. 1****DESCRIPTION** CD-ROM.**MSRP** \$395.**INSTRUMENTS SUPPORTED** SampleCell.**CONTENT** Classical, ethnic, jazz, and pop instruments. 95 banks.**Son of Drumscales, Vol. 2****DESCRIPTION** Audio CD.**MSRP** \$89.95.**CONTENT** 15 complete studio drum tracks with focus on street and modern rock. Includes 500 individual drum samples and fills from Mark Schulman of Simple Minds.**Studio Acoustic Guitar****DESCRIPTION** CD-ROM.**MSRP** \$495 Full Version, \$199 Lite.**INSTRUMENTS SUPPORTED** E-mu.**CONTENT** 900 chords in up, down, pull, long, and mute position, plus single notes.**The Wizard****DESCRIPTION** CD-ROM.**MSRP** \$395.**INSTRUMENTS SUPPORTED** E-mu.**CONTENT** 58 banks of film score textures and effects.**The Wizard II****DESCRIPTION** CD-ROM.**MSRP** \$395.**INSTRUMENTS SUPPORTED** Akai, E-mu.**CONTENT** 78 banks of techno score textures and ambiences.**VX 1-4 Valentino FX****DESCRIPTION** CD-ROM.**MSRP** \$199 each.**INSTRUMENTS SUPPORTED** E-mu.**CONTENT** 324 banks of sound effects, including famous speeches.**Warner Bros. FX****DESCRIPTION** CD-ROM.**MSRP** \$495 each.**INSTRUMENTS SUPPORTED** SampleCell.**CONTENT** 150 banks of comedy sound effects.**World X1****DESCRIPTION** CD-ROM.**MSRP** \$199.**INSTRUMENTS SUPPORTED** SampleCell.**CONTENT** 46 banks of acoustic strings and winds.**World X2****DESCRIPTION** CD-ROM.**MSRP** \$199.**INSTRUMENTS SUPPORTED** SampleCell.**CONTENT** 50 banks of world percussion.**Zdisk, Vol. 1****DESCRIPTION** CD-ROM.**MSRP** \$295.**INSTRUMENTS SUPPORTED** Kurzweil.**CONTENT** 41 banks of classical and ethnic instruments.**Zdisk, Vol. 2****DESCRIPTION** CD-ROM.**MSRP** \$295.**INSTRUMENTS SUPPORTED** Kurzweil.**CONTENT** 43 banks of rock, pop, and rap instruments.**PATCHMAN MUSIC****Akai EW13000m****DESCRIPTION** Floppy disk (Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).**MSRP** \$39.95.**INSTRUMENTS SUPPORTED** Akai EW13000.**CONTENT** Patches designed for use with a MIDI wind controller.**Akai EW13020m****DESCRIPTION** Floppy disk (Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).**MSRP** \$39.95 each. Both volumes \$69.95.**INSTRUMENTS SUPPORTED** Akai EW13000.**CONTENT** 2 volumes of 50 patches each designed for use with a MIDI wind controller.**Akai EW13030m****DESCRIPTION** Floppy disk (Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).**MSRP** \$39.95.**INSTRUMENTS SUPPORTED** Akai EW13000.**CONTENT** 128 patches designed for use with a MIDI wind controller.**Akai EWV2000****DESCRIPTION** Data Cassettes.**MSRP** \$39.95.**INSTRUMENTS SUPPORTED** Akai EWV2000.**CONTENT** 64 patches designed for use with a MIDI wind controller.**Akai S1000****DESCRIPTION** S1000 floppy disk.**MSRP** \$15 each or less depending on quantity.**INSTRUMENTS SUPPORTED** Akai.**CONTENT** Various Sample/Program disks.**Casio CZ-101, CZ-1000, CZ-3000, CZ-5000****DESCRIPTION** Data book, floppy disk (Opcode Galaxy, Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).**MSRP** \$14.95 each. All 4 volumes \$39.95.**INSTRUMENTS SUPPORTED** Casio CZ-101, CZ-1000, CZ-3000, CZ-5000.**CONTENT** 4 volumes of 42 patches each. Volume 4 is sound effects.**Ensoniq ESQ-1, ESQ-m, SQ-80****DESCRIPTION** ESQ-1 Data Cassette, floppy disk (Opcode Galaxy, Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).**MSRP** Vols. 1-4 \$14.95 each; all 4 \$39.95; Vol. 5 \$39.95; all 5 \$69.95.**INSTRUMENTS SUPPORTED** Ensoniq ESQ-1, ESQ-m, SQ-80.**CONTENT** 5 volumes of 40 patches each. Volume 4 is sound effects. Volume 5 contains 40 patches designed for use with a wind or breath controller.**Korg EX-800****DESCRIPTION** Data book, data cassette, floppy disk (Opcode Galaxy, Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).**MSRP** \$19.95 each; \$29.95 for both volumes.**INSTRUMENTS SUPPORTED** Korg EX-800.**CONTENT** 2 volumes of 64 patches each.**Korg M1, M1R****DESCRIPTION** Floppy disk (Opcode Galaxy, Mac/PC Standard MIDI File/Sysex, Mac Self-Loader).**MSRP** \$39.95.**INSTRUMENTS SUPPORTED** Korg M1, M1R.**CONTENT** 100 programs and 100 combinations designed for use with a wind or breath controller.**Korg M3R****DESCRIPTION** Floppy disk (Opcode Galaxy, Mac/PC Standard MIDI File/Sysex, Mac Self-Loader).**MSRP** \$39.95.**INSTRUMENTS SUPPORTED** Korg M3R.**CONTENT** 100 programs and 100 combinations designed for use with a wind or breath controller.**Korg OSR/W****DESCRIPTION** Floppy disk (Korg X5/O5 SoundEditor file, Opcode Galaxy, Mac/PC Standard MIDI File/Sysex, Mac Self-Loader).**MSRP** \$39.95.**INSTRUMENTS SUPPORTED** Korg OSR/W.**CONTENT** 100 programs and 100 combinations designed for use with a wind or breath controller.**Korg Poly-800, Poly 800 II****DESCRIPTION** Data book, data cassette, floppy disk (Opcode Galaxy, Mac/PC Standard MIDI File/Sysex, Mac Self-Loader). Poly-800 II patches available in data book format only.**MSRP** \$19.95 each; \$29.95 for both volumes.**INSTRUMENTS SUPPORTED** Korg Poly-800, Poly 800 II.**CONTENT** 2 volumes of 64 patches each.**Korg T1, T2, T3**

## Sampling CDs, CD-ROMs, and Synth Patches

**DESCRIPTION** T1, T2, or T3 floppy disk.

**MSRP** \$39.95 each; \$69.95 for both volumes.

**INSTRUMENTS SUPPORTED** Korg T1, T2, T3.

**CONTENT** 2 volumes of 100 programs and 100 combinations designed for use with a wind or breath controller.

### Korg X5DR

**DESCRIPTION** Floppy disk (Korg X5/O5 SoundEditor file, Opcode Galaxy, Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).

**MSRP** \$39.95.

**INSTRUMENTS SUPPORTED** Korg X5DR.

**CONTENT** 100 programs and 100 combinations designed for use with a wind or breath controller.

### Kurzweil K2000, K2500, and compatibles

**DESCRIPTION** Floppy disk CD-ROM, Iomega Zip disk.

**MSRP** CD-ROM \$195; floppies \$8 to \$39.95.

**INSTRUMENTS SUPPORTED** Kurzweil K2000, K2500, and compatibles.

**CONTENT** Over 121 soundbanks with programs and samples. Includes 4 volumes designed for use with a wind or breath controller.

### Oberheim Matrix-1000, Matrix-6, Matrix-6r

**DESCRIPTION** Floppy disk (Opcode Galaxy, Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).

**MSRP** \$39.95.

**INSTRUMENTS SUPPORTED** Oberheim Matrix-1000, Matrix-6, Matrix-6r.

**CONTENT** 100 patches designed for use with a wind or breath controller.

### Roland D-110

**DESCRIPTION** Floppy disk (Opcode Galaxy, Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).

**MSRP** \$19.95 each; \$29.95 for both volumes.

**INSTRUMENTS SUPPORTED** Roland D-110.

**CONTENT** FM and analog modulations, New Age impressions volumes. Each volume contains 64 patches, 64 timbres, and 64 tones.

### Roland JV-1080, JV-2080, and compatibles

**DESCRIPTION** Floppy disk (Opcode Galaxy, Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).

**MSRP** Vol. 1 \$29.95; Vol. 2 \$39.95; \$59.95 for both.

**INSTRUMENTS SUPPORTED** Roland JV-1080, JV-2080, and compatibles.

**CONTENT** Acoustic & Analog Essentials, Wind Controller #1 volumes (patches designed for use with a wind or breath controller). Each volume contains 128 patches and 32 performances.

### Roland JV-80, JV-880

**DESCRIPTION** Floppy disk (Roland Sound Brush, Opcode Galaxy, Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).

**MSRP** \$24.95 each; \$39.95 for both.

**INSTRUMENTS SUPPORTED** Roland JV-80, JV-880.

**CONTENT** Acoustic Essentials and Analog Emulations volumes. Each volume contains 64 patches, 16 performances, and 1 GM rhythm setup.

### Roland S-550, S-330, W-30

**DESCRIPTION** S-550, S-330, W-30 floppy disk.

**MSRP** \$8 - \$14.95; \$250 for entire set.

**INSTRUMENTS SUPPORTED** Roland S-550, S-330, W-30.

**CONTENT** 81-disk Elite Series sample disks, each containing samples and patches.

### Roland XP-50, XP-80, and compatibles

**DESCRIPTION** XP-50, XP-80 floppy disk.

**MSRP** Vol. 1 \$29.95; Vol. 2 \$39.95; \$59.95 for both.

**INSTRUMENTS SUPPORTED** Roland XP-50, XP-80, and compatibles.

**CONTENT** Acoustic & Analog Essentials, Wind Controller #1 volumes (patches designed for use with a wind or breath controller). Each volume contains 128 patches and 32 performances.

### Studio Electronics SE-1

**DESCRIPTION** Floppy disk (Opcode Galaxy, Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).

**MSRP** \$29.95.

**INSTRUMENTS SUPPORTED** Studio Electronics SE-1.

**CONTENT** Analog Essentials volume. Contains 99 all-new analog patches.

### Yamaha DX100, DX27, DX21

**DESCRIPTION** Data book, data cassette, floppy disk (Opcode Galaxy, Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).

**MSRP** \$19.95 each; \$29.95 for both.

**INSTRUMENTS SUPPORTED** Yamaha DX100, DX27, DX21.

**CONTENT** 2 volumes, each contains 48 patches.

### Yamaha DX7

**DESCRIPTION** Floppy disk (Opcode Galaxy, Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).

**MSRP** \$59.95.

**INSTRUMENTS SUPPORTED** Yamaha DX7.

**CONTENT** Favorites #1, Favorites #2, and Wind Controller #1 volumes (designed for use with a wind or breath controller). Each volume contains 32 patches.

### Yamaha DX7II, DX7II-FD

**DESCRIPTION** Floppy disk (DX7II-FD, Opcode Galaxy, Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).

**MSRP** Vol. 1 \$39.95; Vol. 2 \$24.95; \$54.95 for both.

**INSTRUMENTS SUPPORTED** Yamaha DX7II, DX7II-FD.

**CONTENT** Wind Controller (designed for use with a wind or breath controller) and Studio/New Age Impressions volumes. Each volume contains 32 performances and 64 voices.

### Yamaha MU100R

**DESCRIPTION** Floppy disk (Visual/Expert Editor file for Mac/PC, Standard MIDI File, Opcode Galaxy).

**MSRP** \$39.95 each; \$69.95 for both.

**INSTRUMENTS SUPPORTED** Yamaha MU100R.

**CONTENT** 2 volumes, each contains 64 VL voices designed for use with a wind or breath controller.

### Yamaha SY55, TG55

**DESCRIPTION** Floppy disk (Opcode Galaxy, Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).

**MSRP** \$39.95.

**INSTRUMENTS SUPPORTED** Yamaha SY55, TG55.

**CONTENT** 62 patches specially designed for use with a wind or breath controller, plus 2 bonus GM drum kits.

### Yamaha SY77, TG77

**DESCRIPTION** Floppy disk (SY77, Opcode Galaxy, Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).

**MSRP** \$15.30 - \$39.95; all 13 volumes \$199.

**INSTRUMENTS SUPPORTED** Yamaha SY77, TG77.

**CONTENT** 13 volumes, each containing 64 voices. Vol. 2 and 13 contain soundbanks designed for use with a wind or breath controller.

### Yamaha SY99

**DESCRIPTION** SY99 floppy.

**MSRP** \$10 - \$39.95; all 22 volumes \$235.

**INSTRUMENTS SUPPORTED** Yamaha SY99.

**CONTENT** 22 volumes, each containing 64 voices. Vol. 18-22 also contain new samples. Vol. 2 and 17 contain soundbanks designed for use with a wind or breath controller.

### Yamaha TX802

**DESCRIPTION** Floppy disk (Opcode Galaxy, Opcode DX/TX Librarian, Mac/PC Standard MIDI File/sys-ex, Mac Self-Loader).

**MSRP** Vol. 1 \$39.95; Vol. 2 \$24.95; \$54.95 for both.

**INSTRUMENTS SUPPORTED** Yamaha TX802.

**CONTENT** 2 volumes, each containing 64 performances and 64 voices.

### Yamaha TX81Z

**DESCRIPTION** Data cassette, Opcode and Mac/PC Standard MIDI file sys-ex, Mac self-loader.

**MSRP** \$19.95 Vol. 1 & 2, \$29.95 both; \$39.95 Vol. 3; all 3 volumes \$59.95.

**INSTRUMENTS SUPPORTED** Yamaha TX81Z.

### Yamaha VL1/VL1-m

**DESCRIPTION** Floppy disk.

**MSRP** \$39.95 each; \$69.95 for both.

**INSTRUMENTS SUPPORTED** Yamaha VL1/VL1-m.

### Yamaha VL70-m

**DESCRIPTION** Floppy disk.

**MSRP** \$39.95 each; \$69.95 for both.

**INSTRUMENTS SUPPORTED** Yamaha VL70-m.

**CONTENT** Visual/Expert LIB. editor for Mac/PC, Standard MIDI file, Opcode Galaxy formats.

### Yamaha WT11

**DESCRIPTION** Floppy disks (Data cassette, Mac/PC Standard MIDI file/sys-ex, Mac Self-Loader).

**MSRP** \$39.95.

**INSTRUMENTS SUPPORTED** Yamaha WT11

## PRO REC

### Akai Individual Drum Sample Disks

**DESCRIPTION** Floppy disk.

**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.

**INSTRUMENTS SUPPORTED** Akai.

**CONTENT** Over 20 drum kits.

### Akai Individual Piano & More Sample Disks

**DESCRIPTION** Floppy disk.

**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.

**INSTRUMENTS SUPPORTED** Akai.

**CONTENT** Includes Piano 1, B-3 Organs, Acoustic Strings, and more.

### Akai Individual Synth Sample Disks

**DESCRIPTION** Floppy disk.

**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.

**INSTRUMENTS SUPPORTED** Akai.

**CONTENT** Includes Piano 1, B-3 Organs, Acoustic Strings, and more.

### ASR-10 Individual Drum Sample Disks

**DESCRIPTION** Floppy disk.

**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.

**INSTRUMENTS SUPPORTED** Ensoniq, Yamaha A3000.

**CONTENT** Over 20 drum kits.

### ASR-10 Individual Piano & More Sample Disks

**DESCRIPTION** Floppy disk.

**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.

**INSTRUMENTS SUPPORTED** Ensoniq.

**CONTENT** Includes Piano 1, B-3 Organs, Acoustic Strings, and more.

### ASR-10 Individual Synth Sample Disks

**DESCRIPTION** Floppy disk.

**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.

**INSTRUMENTS SUPPORTED** Ensoniq.

### AWE32/64 Sample Disks

**DESCRIPTION** Floppy disk.

**MSRP** \$18 each; all 15 \$89.

**INSTRUMENTS SUPPORTED** WAV, AWE32/64.

**CONTENT** Includes Ultimate Pop, Analog Synths, and more.

### Bits of Expressive Guitar

**DESCRIPTION** Mixed-mode CD/CD-ROM.

**MSRP** \$99, any 2 for \$149.

**INSTRUMENTS SUPPORTED** Akai.

**CONTENT** Over 300 guitar samples including licks, riffs, leads, rhythm, chords, flageolettes, and gimmicks.

### D-50 Patches

**DESCRIPTION** ROM card, Mac/PC/Atari floppy disk.

**MSRP** \$69.90 ROM; \$39.90 disk.

**INSTRUMENTS SUPPORTED** ROLAND D-50.

**CONTENT** 64 classic synth, dance, and bass patches.

### D-70 Patches

**DESCRIPTION** ROM card, Mac/PC/Atari floppy disk.

**MSRP** \$39.90 per disk, all 4 \$69; \$69.90 per ROM, all ROMs \$129.

**INSTRUMENTS SUPPORTED** Roland D-70.

**CONTENT** Includes Power Dance, Natural, Supersynth, and Soundscape.

### DPM3 & DPM4 Patches

**DESCRIPTION** Floppy disk; ROM card.

**MSRP** \$19.90 on disk; \$39.90 ROM.

**INSTRUMENTS SUPPORTED** DPM3, DPM3SE+, DPM4, DPMV3.

**CONTENT** 1 bank designed for the DPM3 Super 3 Synth.

### DPM3SE+ & DPM4 Sample Disks

**DESCRIPTION** Floppy disk.

**MSRP** \$18 each, all 20 \$109.

**INSTRUMENTS SUPPORTED** DPM3, DPM3SE+, DPM4.

**CONTENT** Includes synth disks, dance drum kits, and 2 piano disks.

### Drums & Percussion

**DESCRIPTION** Audio CD.

**MSRP** \$29; any 2 for \$49.

**CONTENT** Natural, acoustic, rock, and orchestral drums, snares, bass drums, cymbals, concert hall drums, orchestral percussion instruments, and more.

### Ecstatic Acid Bytes

**DESCRIPTION** Audio CD.

**MSRP** \$29.

**CONTENT** Over 3,000 analog acid, dance, and techno synths, including TB-303 and SH-101. Double CD on one disc.

**EPS16-Plus & EPS Individual Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.  
**INSTRUMENTS SUPPORTED** Ensoniq EPS, EPS16-Plus.  
**CONTENT** Includes analog synths, 20 dance drum kits and more.

**ESI-32 Individual Drum Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.  
**INSTRUMENTS SUPPORTED** E-mu.  
**CONTENT** Over 20 drum kits.

**ESI-32 Individual Piano & More Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.  
**INSTRUMENTS SUPPORTED** E-mu.  
**CONTENT** Includes Piano 1, 8-3 Organs, Acoustic Strings, and more.

**ESI-32 Individual Synth Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.  
**INSTRUMENTS SUPPORTED** E-mu.

**Generalmusic S2 & S3 Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each; all 25 \$149.  
**INSTRUMENTS SUPPORTED** Generalmusic S2, S3.  
**CONTENT** Includes Analog Synths, Ultimate Pop, Super Jupiter, and more.

**I-Series Patches**

**DESCRIPTION** Floppy disk.  
**MSRP** \$39.90 per disk; all 7 \$129.  
**INSTRUMENTS SUPPORTED** Korg I-series.  
**CONTENT** 7 banks including Heaven Synth, Urban Sound, Filmscape, and X3 Natural.

**JD-800 Patches**

**DESCRIPTION** ROM card, Mac/PC/Atari floppy disk.  
**MSRP** \$39.90 per disk, all 6 \$119; \$69.90 per ROM, all 6 \$199.  
**INSTRUMENTS SUPPORTED** Roland JD-800.  
**CONTENT** Includes Ultradance, Wondersynth, Supersound, Wonder Mix, Super Jupiter, and more.

**JD-990 Patches**

**DESCRIPTION** ROM card, Mac/PC/Atari floppy disk.  
**MSRP** \$39.90 per disk, all 6 \$119; \$69.90 per ROM, all 6 \$199.  
**INSTRUMENTS SUPPORTED** Roland JD-990.  
**CONTENT** Includes Supersound, Wonder Mix, Super Jupiter, and Filmscape.

**JV-1080 Patches**

**DESCRIPTION** ROM card, Mac/PC/Atari floppy disk.  
**MSRP** \$39.90 per disk; all 8 \$139; \$69.90 per ROM; all 8 ROMs \$269.  
**INSTRUMENTS SUPPORTED** JV-1080, JV-2080, XP-50, XP-80.  
**CONTENT** 8 banks including Super Dance, Power Keys, Ultra Natural, Supersynth, Vintage Collection, and more.

**JV-80 Patches**

**DESCRIPTION** ROM card, Mac/PC/Atari floppy disk.  
**MSRP** \$39.90 per disk; all 8 \$139; \$69.90 per ROM; all 8 ROMs \$269.  
**INSTRUMENTS SUPPORTED** JV-80, JV-1080, JV-2080, JV-1000, JV-90.  
**CONTENT** 8 banks including Super Dance, Power Keys, Ultra Natural, Supersynth, Filmtexture, and more.

**K2000 Individual Drum Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.  
**INSTRUMENTS SUPPORTED** Kurzweil.  
**CONTENT** Over 20 drum kits.

**K2000 Individual Piano & More Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.  
**INSTRUMENTS SUPPORTED** Kurzweil.  
**CONTENT** Includes Piano 1, B-3 Organs, Acoustic Strings, and more.

**K2000 Individual Synth Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.  
**INSTRUMENTS SUPPORTED** Kurzweil.

**K2000 Program Disks**

**DESCRIPTION** Floppy disk.

**MSRP** \$29.90 per disk; all 4 \$59.  
**INSTRUMENTS SUPPORTED** Kurzweil K2000 series.  
**CONTENT** Includes Pop/Dance, Super K Synth, and Superscape.

**K2000 Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 per disk; any 10 \$99; all 38 \$169.  
**INSTRUMENTS SUPPORTED** Kurzweil K2000 series.  
**CONTENT** Includes synth disks, dance drum kits, piano disks, and more.

**Korg Trinity Patches**

**DESCRIPTION** Floppy disk.  
**MSRP** \$39.90 per disk; all 7 \$129.  
**INSTRUMENTS SUPPORTED** Korg Trinity, TR-Rack.  
**CONTENT** 4 banks including Dance, Techno/Rave, Filmscape, and more.

**Korg Z-1 Patches**

**DESCRIPTION** Mac/PC/Atari floppy disk.  
**MSRP** \$44.90 per disk; all 3 \$99.  
**INSTRUMENTS SUPPORTED** Korg Z-1.  
**CONTENT** 3 banks including Dance, Techno, and Film 3-D.

**M1 Patches**

**DESCRIPTION** ROM card, Mac/PC/Atari floppy disk.  
**MSRP** \$39.90 per disk, all 4 \$99; \$69.90 per ROM, all 4 \$169.  
**INSTRUMENTS SUPPORTED** Korg M1.  
**CONTENT** Includes Super Dance, Super M Synth, Filmtexture, and more.

**Maui Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 per disk; all 16 \$99.  
**INSTRUMENTS SUPPORTED** WAV, Maui.  
**CONTENT** Includes synth disks, dance drum kits, and guitars.

**Mega-Synth CD-ROM for K2000**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99.  
**INSTRUMENTS SUPPORTED** Kurzweil.  
**CONTENT** Over 750 instruments including analog synth hits and leads, fat basses, lush pads, ambient 3-D sounds, and drum kits.

**Mega-Synth CD-ROM for Mac SampleCell**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99.  
**INSTRUMENTS SUPPORTED** SampleCell Mac.  
**CONTENT** Over 300 analog synth hits and leads, fat basses, lush pads, ambient 3-D sounds, and drum kits.

**N-Series Patches**

**DESCRIPTION** Floppy disk.  
**MSRP** \$39.90 per disk; all 7 \$129.  
**INSTRUMENTS SUPPORTED** Korg N-series.  
**CONTENT** 7 banks including Super Dance, Urban Sound, Filmscape, and more.

**Newtronic MIDI Files/Pro Studio Loops**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each, all 7 \$99.  
**INSTRUMENTS SUPPORTED** Type 1 and Type 0 Standard MIDI Files.  
**CONTENT** Includes Original Jungle, Intelligent Drum'n' Bass, Swingbeat & Breakbeat, and more.

**O1/W Patches**

**DESCRIPTION** Floppy disk.  
**MSRP** \$39.90 floppy; all 7 \$129.  
**INSTRUMENTS SUPPORTED** Korg O1/W.  
**CONTENT** 7 banks including Super Dance, Urban Sound, Filmscape, and X3 Natural.

**O3R Patches**

**DESCRIPTION** CD-ROM; Mac/PC/Atari floppy disks.  
**MSRP** \$39.90 floppy, \$129 for all 7; \$69.90 ROM card, \$209 for all ROMs.  
**INSTRUMENTS SUPPORTED** Korg O3R.  
**CONTENT** 7 banks including Super Dance, Colorbrush, X3 Dance, Heaven Synth, Urban Sound, Filmscape, and more.

**O5R Patches**

**DESCRIPTION** Mac/PC/Atari floppy disks.  
**MSRP** \$59.90 per disk; all 7 \$129.  
**INSTRUMENTS SUPPORTED** Korg O5R.  
**CONTENT** 7 banks including Super Dance, Colorbrush, X3 Dance, O1 Natural, and more.

**Peavey SP Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each; all 26 \$129.  
**INSTRUMENTS SUPPORTED** Peavey SP.  
**CONTENT** Includes Analog Synths, Pop/Dance, dance drum kits, and more.

**SoundCanvas and Compatibles Patches**

**DESCRIPTION** Mac, PC, Atari or DataDisk disks.  
**MSRP** \$29.90 each, all 4 SC-55+ disks \$39.  
**CONTENT** Includes Super Dance, Pop Collection, Ultrabrush, and more.

**State of the Art CD-ROM for E-III**

**DESCRIPTION** CD-ROM.  
**MSRP** \$149.  
**INSTRUMENTS SUPPORTED** E-mu.  
**CONTENT** Contains both State of the Art Synths and Natural CD-ROM libraries.

**State of the Art Natural CD-ROM**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99; any 2 for \$149.  
**INSTRUMENTS SUPPORTED** Akai, Kurzweil.  
**CONTENT** Pianos, Rhodes, Hammonds, strings, horns, drums, guitars, and more.

**State of the Art Prophecy CD-ROM for Akai**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99; any 2 for \$149.  
**INSTRUMENTS SUPPORTED** Akai.  
**CONTENT** Classic sounds from Korg Prophecy synth.

**State of the Art Synths CD-ROM for Akai**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99; any 2 for \$149.  
**INSTRUMENTS SUPPORTED** Akai, Kurzweil.  
**CONTENT** Classic analogs including Fairlight, ARP, Moog, Matrix 12, SY77, WS, MicroWave, JD-800, and more.

**SY77 Patches**

**DESCRIPTION** ROMs, disk.  
**MSRP** \$39.90 each.  
**CONTENT** Includes Wonder Dance, Ultrasound, Power Synth, and more.

**SY85 and TG500 Patches**

**DESCRIPTION** ROMs, Disks, Galaxy, more.  
**MSRP** \$39.90 per disk, all 3 \$99; \$69.90 per ROM, all 3 ROMs \$139.  
**CONTENT** 3 banks including Dance, Supersynth, and Filmscape.

**SY85 Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each; 10 disks \$99.90; all 24 \$149.  
**CONTENT** Titles include synth disks, dance drum kits, and more.

**SY99 Patches**

**DESCRIPTION** Floppy disk.  
**MSRP** \$39.90 per disk, all 4 \$99; \$69.90 per ROM, all 4 \$179.  
**CONTENT** Includes Wonder Dance, Ultrasound, Power Synth, and more.

**SY99 Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each, all 18 \$99.  
**CONTENT** Includes synth disks, dance drum kits, and B-3 organs.

**Synth Collections Sample Disk Sets**

**DESCRIPTION** Floppy disk.  
**MSRP** \$69.90; any 3 for \$129.  
**INSTRUMENTS SUPPORTED** Akai, E-mu, Ensoniq, Kurzweil, Peavey, WAV.  
**CONTENT** Includes Z-1 Dance, Film 3-D, Trinity Pads, Vintage Keys, and more.

**SynthSonic CD-ROM for Akai**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99; any 2 for \$149.  
**INSTRUMENTS SUPPORTED** Akai, Kurzweil.  
**CONTENT** 200MB of Z-1, Trinity, and JV-1080 sounds.

**SynthSonic CD-ROM for K2000**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99; any 2 for \$149.  
**INSTRUMENTS SUPPORTED** Akai, Kurzweil.  
**CONTENT** 200MB of Z-1, Trinity, and JV-1080 sounds.

## Sampling CDs, CD-ROMs, and Synth Patches

**T-Series EX Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each, all 19 \$109.  
**CONTENT** Includes synth disks, dance drum kits, and 2 piano disks.

**T-Series Patches**

**DESCRIPTION** ROM card, Mac/PC/Atari floppy disk.  
**MSRP** \$39.90 each, all 3 on disk \$49.  
**CONTENT** Three double program banks including Super Pop/Dance, Power Natural & Superscape, and more.

**TechnoLogic Audio Sampling CD**

**DESCRIPTION** Audio CD.  
**MSRP** \$29; any 2 for \$49.  
**CONTENT** 21 techno drum loops, 180 dance synths and basses, three 909 drum kits.

**TG100 Patches**

**DESCRIPTION** Mac, PC, Atari or DataDisk disks.  
**MSRP** \$29.90 each on disk, all 4 TG100 program disks \$39.  
**CONTENT** Includes Super Pop/Dance, Synth Collection, and SuperTexture.

**TS10/12 Individual Synth Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.  
**INSTRUMENTS SUPPORTED** Ensoniq ASR-10, 1S-10/12.

**Ultimate CD-ROM for Akai**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99; any 2 for \$149.  
**INSTRUMENTS SUPPORTED** Akai.  
**CONTENT** Over 2,600 sounds including SY85, D-70, D-50, 01/W, M1, Vintage Keys, JV-80, and more.

**Ultimate CD-ROM for ASR-10**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99; any 2 for \$149.  
**INSTRUMENTS SUPPORTED** Ensoniq.  
**CONTENT** Over 1,100 sounds including SY85, D-70, D-50, 01/W, M1, Vintage Keys, JV-80, WS, and more.

**Ultimate CD-ROM for K2000**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99; any 2 for \$149.  
**INSTRUMENTS SUPPORTED** Kurzweil.  
**CONTENT** Over 2,600 sounds including SY85, D-70, D-50, 01/W, M1, Vintage Keys, JV-80, and more.

**Ultimate CD-ROM for K2000**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99; any 2 for \$149.  
**INSTRUMENTS SUPPORTED** Kurzweil.  
**CONTENT** Over 2,600 sounds including SY85, D-70, D-50, 01/W, M1, Vintage Keys, JV-80, and more.

**Ultimate CD-ROM for Mac SampleCell**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99, both SampleCell discs for \$129.  
**INSTRUMENTS SUPPORTED** SampleCell Mac.  
**CONTENT** Over 1,400 sounds including SY85, D-70, D-50, 01/W, M1, Vintage Keys, JV-80, WS, and more.

**Vintage Keys Patches**

**DESCRIPTION** Mac, PC or Atari DataDisks.  
**MSRP** \$39.90 each.  
**CONTENT** Includes Analog Dance and Filmscape.

**Wavestation Patches**

**DESCRIPTION** ROM card, Mac/PC/Atari floppy disk.  
**MSRP** \$39.90 per disk, all 9 \$149; \$69.90 per ROM, all 9 \$299.  
**INSTRUMENTS SUPPORTED** Wavestation, WS EX, WS AD, WS SR.  
**CONTENT** Includes Super WaveDance, UltraTexture, SoundBrush, Power WaveSynth, and more.

**X-5 Patches**

**DESCRIPTION** Mac/PC/Atari floppy disk.  
**MSRP** \$39.90 per disk; all 7 \$129.  
**CONTENT** 7 banks including Super Dance, Colorbrush, 01 Dance, Heaven Synth, Urban Sound, and more.

**X-Series Patches**

**DESCRIPTION** Floppy disk.  
**MSRP** \$39.90 per disk; all 7 \$129.  
**CONTENT** 7 banks including Urban Sound, Filmscape, and X3 Natural.

**XP-50/XP-80 Patches**

**DESCRIPTION** Floppy disk.  
**MSRP** \$39.90 per disk; all 8 \$139.  
**CONTENT** 8 banks including Filmtecture, Super Pop, and more.

**Yamaha A3000 Individual Drum Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.  
**INSTRUMENTS SUPPORTED** Yamaha A3000.  
**CONTENT** Over 20 drum kits.

**Yamaha A3000 Individual Piano Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.  
**INSTRUMENTS SUPPORTED** Yamaha A3000.  
**CONTENT** Includes Piano 1, B-3 Organs, Acoustic Strings, and more.

**Yamaha A3000 Individual Synth Sample Disks**

**DESCRIPTION** Floppy disk.  
**MSRP** \$18 each; 10 disks \$99.90; 25 disks \$199.  
**INSTRUMENTS SUPPORTED** Yamaha A3000.  
**CONTENT** Includes Super Dance, Super Synth, Super Pop, and more.

**Q-UP ARTS****Ambient Realms by Kit Watkins**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99 CD; \$249 CD-ROM.  
**INSTRUMENTS SUPPORTED** Akai.  
**CONTENT** Textures, effects, noises, and novelties organized into 7 groups and scenes.

**Audio Grooves**

**DESCRIPTION** CD-ROM.  
**MSRP** \$29.  
**INSTRUMENTS SUPPORTED** AIFF, WAV.  
**CONTENT** Techno grooves and ethnic rhythms.

**David Torn Pandora's Tool Box, Vol. 1**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99 CD; \$249 CD-ROM.  
**INSTRUMENTS SUPPORTED** Akai, AIFF, WAV.  
**CONTENT** Unusual sounds and textures.

**David Torn Tonal Textures, Vol. 1**

**DESCRIPTION** Mixed-mode audio CD/CD-ROM.  
**MSRP** \$99 CD; \$199 CD-ROM.  
**INSTRUMENTS SUPPORTED** Akai, AIFF, WAV.  
**CONTENT** Ambience, music beds, and textures.

**Drum Scores by Steve Gadd**

**DESCRIPTION** CD-ROM.  
**MSRP** \$149 2-disc CD, separately \$99; \$199 CD-ROM; \$79 AIFF/WAV.  
**INSTRUMENTS SUPPORTED** AIFF, WAV.  
**CONTENT** Full song length and 2-, 4-, and 8-bar grooves and loops. Samples of 2 kits with sticks and brushes.

**Heavy Guitars**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99 CD; \$199 CD-ROM.  
**INSTRUMENTS SUPPORTED** E-mu.  
**CONTENT** Rock and heavy metal electric guitar chords, riffs, licks, and notes.

**Jason Miles Psychic Horns**

**DESCRIPTION** Mixed-mode audio CD/CD-ROM.  
**MSRP** \$99 CD/Akai mixed-mode CD; \$129 CD-ROM.  
**INSTRUMENTS SUPPORTED** Akai, E-mu, Kurzweil.  
**CONTENT** Funk, R&B, jazz, pop, and salsa. Brass sections, trumpet, trombone, and sax riffs, swells, falls, and stabs.

**Latin Groove Factory, Vol. 1**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99 CD; \$299 CD-ROM.  
**INSTRUMENTS SUPPORTED** Akai.  
**CONTENT** Drum and percussion loop and sample library from the Caribbean. Salsa, mambo, and songo grooves.

**Q-Up Combo, Vol. 1**

**DESCRIPTION** Mixed-mode audio CD/CD-ROM.  
**MSRP** \$79.

**INSTRUMENTS SUPPORTED** Akai.

**StreetBeats by Poogle Bell**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99.  
**INSTRUMENTS SUPPORTED** Akai, E-mu.  
**CONTENT** Hip-hop, rap, R&B, soul, jungle, acid jazz, and reggae loops and sounds.

**The Denny Jaeger Private Collection, Vol. 1**

**DESCRIPTION** CD-ROM.  
**MSRP** \$249.  
**INSTRUMENTS SUPPORTED** SampleCell.  
**CONTENT** Keyboard pads, orchestral string stabs, lyrical English horn and bassoon, punchy trombones, unique vocal sounds, and more.

**The Heavy Hitters Greatest Hits**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99 CD; \$199 CD-ROM.  
**INSTRUMENTS SUPPORTED** Akai, E-mu, Kurzweil, SampleCell.  
**CONTENT** Multiple dry and ambient hard, medium, and soft hits. Modular patching.

**The World**

**DESCRIPTION** CD-ROM.  
**MSRP** \$149.  
**INSTRUMENTS SUPPORTED** Akai, Kurzweil, SampleCell.  
**CONTENT** Ethnic and world percussion and instruments.

**Trails And Reflections**

**DESCRIPTION** Audio CD.  
**MSRP** \$49.  
**CONTENT** Wet percussion samples recorded digitally. Lets you layer high-end reverb samples with dry percussion without tying up reverbs.

**Voices of Native America Vol. 1**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99 CD; \$299 CD-ROM.  
**INSTRUMENTS SUPPORTED** Akai, E-mu, Roland, SampleCell.  
**CONTENT** Authentic flute, drums, and vocal performances.

**Q-UP ARTS/BRIDGE RECORDING****Charlie Morgan Master Drums, Vol. 1**

**DESCRIPTION** Audio CD.  
**MSRP** \$99 CD; \$199 CD-ROM.  
**INSTRUMENTS SUPPORTED** Akai.  
**CONTENT** Soul, rock, blues, jazz, and ethnic beats. Includes 4-bar groove, start and stop sections, and 2 fills. All drums used in loops are multi-sampled.

**Charlie Morgan Master Drums, Vol. 2**

**DESCRIPTION** Audio CD, CD-ROM.  
**MSRP** \$99 CD; \$199 Akai CD-ROM; \$79 AIFF/WAV CD-ROM.  
**INSTRUMENTS SUPPORTED** Akai, AIFF, WAV.  
**CONTENT** Soul, rock, blues, jazz, and ethnic beats. Includes 4-bar groove, start and stop sections, and 2 fills. All drums used in loops are multi-sampled. Vol. 2 features 80 different beats.

**Charlie Morgan Master Drums, Vol.3**

**DESCRIPTION** Audio CD.  
**MSRP** \$99.  
**CONTENT** World beats played on a trap set.

**Charlie Morgan The Premier Collection**

**DESCRIPTION** Audio CD.  
**MSRP** \$99.  
**CONTENT** 5 Premier kits sampled with different ambiances, batters, and sticks.

**Charlie Morgan/Steve Allen Past Masters**

**DESCRIPTION** Audio CD.  
**MSRP** \$99.  
**CONTENT** Drum and percussion samples, including 38 bass drums, 71 snares, 75 toms, 57 hi-hats, 40 cymbals, 28 brush strokes, and 38 electric and acoustic drums.

**Q-UP ARTS/KEYFAX****Bill Bruford Packet of 3**

**DESCRIPTION** Mixed-mode audio CD/CD-ROM.  
**MSRP** \$39.95 MIDI files; \$99 CD; \$249 CD-ROM; \$333.33 all three.  
**INSTRUMENTS SUPPORTED** Akai, MIDI file players.  
**CONTENT** Acoustic and electronic kits, grooves, samples, and MIDI files.

**Q-UP ARTS/OPTICAL MEDIA**

**The Denny Jaeger Master Violin Library**

**DESCRIPTION** CD-ROM.  
**MSRP** \$999 Akai, E-mu discs; \$249 EPS-16 disc.  
**INSTRUMENTS SUPPORTED** Akai, E-mu, Ensoniq.  
**CONTENT** Collection of sound samples for the violin.

**Q UP ARTS/RAREFACTION**

**Digital Dysfunctions by Chris Griggs of Negativland**

**DESCRIPTION** CD-ROM.  
**MSRP** \$149.  
**INSTRUMENTS SUPPORTED** AIFF mountable on both Mac and PCs.  
**CONTENT** Futuristic electronic device sound effects and manipulated sounds.

**Etymology by Skeleton Crew**

**DESCRIPTION** Mixed-mode audio CD/CD-ROM.  
**MSRP** \$149 CD-ROM, \$99 CD.  
**INSTRUMENTS SUPPORTED** AIFF mountable on both Mac and PCs.  
**CONTENT** From experimental guitarist Fred Frith and avant cellist Tom Cora.

**Q UP ARTS/VINTAGE SOUNDS**

**Johnny C's Vintage & Custom Snare Drum Library**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99 CD; \$199 CD-ROM.  
**INSTRUMENTS SUPPORTED** Akai, E-mu.  
**CONTENT** Hits of 1922 Black Beauties, Slingerland Radio Kings, Gretsch Broadcaster, and Johnny Craviotto's custom snares.

**SONIC DESKTOP SOFTWARE**

**SmartSound Audio Palette CD-ROM Series**

**DESCRIPTION** CD-ROM.  
**MSRP** \$69 - \$129.  
**CONTENT** Individual CDs of audio content designed to work with the SmartSound soundtrack creation software. Available in 22kHz and 44.1kHz sampling rates. Scoring Essentials, Maximum Action, Narration Backdrops, Expressive Textures, Good Times & Fun, and Attention Grabbers volumes.

**SONIC REALITY**

**American Heartland**

**DESCRIPTION** CD-ROM.  
**MSRP** \$199.  
**INSTRUMENTS SUPPORTED** Akai, E-mu, Kurzweil, SampleCell.  
**CONTENT** Acoustic 6- and 12-string guitars, dobro, banjo, pedal steel, harmonica notes and performances, ragtime tack piano, steamboat calliope, pump organ, acoustic basses, acoustic drum kit and country percussion.

**Concert Grand Pianos**

**DESCRIPTION** CD-ROM.  
**MSRP** \$199.  
**INSTRUMENTS SUPPORTED** Akai, E-mu, Kurzweil, SampleCell.  
**CONTENT** C7 and C9 Yamaha grand pianos with multi-dynamics and pedal down versions.

**Interactive Drum Kits and Snares**



Sonic Reality

Reader Service No. 172

**DESCRIPTION** CD-ROM.  
**MSRP** \$199.  
**INSTRUMENTS SUPPORTED** Akai, E-mu, Ensoniq, Kurzweil, SampleCell.  
**CONTENT** Acoustic drum kits with special drum performance maps including multi-dynamic and alternating drum hits.

**Interactive String Section**

**DESCRIPTION** CD-ROM.  
**MSRP** \$299.  
**INSTRUMENTS SUPPORTED** Akai, E-mu, Kurzweil, SampleCell.  
**CONTENT** Violin, viola, cello and contrabass. Styles include legato with interactive arco attacks, marcato, tremolo and pizzicato.

**Modern Songwriter**

**DESCRIPTION** CD-ROM.  
**MSRP** \$199.  
**INSTRUMENTS SUPPORTED** Akai, E-mu, Ensoniq, Kurzweil, SampleCell.  
**CONTENT** Includes sounds from the '80s and '90s. MKS-20, TX802, FM pianos, CP70 electric grand, and more.

**Vintage Timetraveler**

**DESCRIPTION** CD-ROM.  
**MSRP** \$199.  
**INSTRUMENTS SUPPORTED** Akai, E-mu, Ensoniq, Kurzweil, SampleCell.  
**CONTENT** B-3 and combo organs, Rhodes, Wurly, Clavinet, Mellotron, Chamberlin, Optigan, analog synths, digital synths, Moog basses, and more.

**World Performance**

**DESCRIPTION** CD-ROM.  
**MSRP** \$199.  
**INSTRUMENTS SUPPORTED** Akai, E-mu, Kurzweil, SampleCell.  
**CONTENT** Collection of instruments including Indian sitar and tambura, tabla, African percussion, hammered dulcimer, and more.

**SONIC SCIENCE**

**Sonic Boon Dynamic Range**

**DESCRIPTION** Audio CD.  
**MSRP** \$395.  
**CONTENT** Revolvers, pistols, rifles, shotguns, automatic weapons, random fire, different perspectives, silencers, ricochets, and handling effects.

**Sonic Boon Foley Footsteps**

**DESCRIPTION** Audio CD.  
**MSRP** \$75.  
**CONTENT** Gender, shoe, surface, tempo, and footsteps.

**Sonic Boon Paradise**

**DESCRIPTION** Audio CD.  
**MSRP** \$180.  
**CONTENT** 5 CDs of ambience from jungles of Montserrat to waterfalls of Trinidad.

**Sonic Boon The Works**

**DESCRIPTION** Audio CD.  
**MSRP** \$495.  
**CONTENT** Mechanical and electrical SFX produced by machinery.

**Sonic Source Music for Multimedia**

**DESCRIPTION** CD-ROM.  
**MSRP** \$125.  
**INSTRUMENTS SUPPORTED** AIFF, WAV, 44.1/22/11kHz, 16- or 8-bit.  
**CONTENT** 60 original compositions in a range of categories, styles and lengths.

**Sonic Source Music Library**

**DESCRIPTION** Audio CD.  
**MSRP** \$795.  
**CONTENT** 300 original compositions from a range of categories, styles, and lengths.

**SWEETWATER SOUND**

**Finger Juice Essential Hip-Hop Production Tools**

**DESCRIPTION** CD-ROM.  
**MSRP** \$99.  
**INSTRUMENTS SUPPORTED** Kurzweil.  
**CONTENT** TR-808 and 909 patterns plus individual drums, live loops, breakbeats, fat basses, wah guitars, hits, stops and slurs, and drum machines from the '80s.

**American Standard Collection**

**DESCRIPTION** CD-ROM.  
**MSRP** \$329.  
**INSTRUMENTS SUPPORTED** Kurzweil.

**CONTENT** B-3, concert grand piano, brass, alto, soprano, tenor, baritone, and breathy saxes, acoustic and electric guitars, jazz and rock percussion.

**B-3 Samples**

**DESCRIPTION** CD-ROM.  
**MSRP** \$329.  
**INSTRUMENTS SUPPORTED** Kurzweil.  
**CONTENT** B-3 samples with over 40 drawbar settings. Includes bonus floppy with SW-B-3 with realtime drawbar motion.

**Classical Instruments**

**DESCRIPTION** CD-ROM.  
**MSRP** \$329.  
**INSTRUMENTS SUPPORTED** Kurzweil.  
**CONTENT** Strings, woodwinds, brass, pipe organs, harpsichords, harps, and classical guitars from Stratus Sound Library. Also complete collection of orchestral and filmscore percussion.

**Electron Bomb**

**DESCRIPTION** Mixed-mode Kurzweil/Mac/PC CD-ROM.  
**MSRP** \$99.  
**INSTRUMENTS SUPPORTED** Kurzweil.  
**CONTENT** Collection of techno, dance, rave, industrial, ambient, and electronica programs. Includes PDF files of all of Sweetwater product directories.

**Exotic Instruments and Synths**

**DESCRIPTION** CD-ROM.  
**MSRP** \$329.  
**INSTRUMENTS SUPPORTED** Kurzweil.  
**CONTENT** Includes harmonicas, recorders, pan flutes, bamboo flutes, Andean flutes, didjeridus, banjos, mandolins, sitars, kotos, piano soundboard effects, ethnic percussion, bendir, durbaka, djembe, dubaki, madal.

**Finger Juice for E4/e64/E-Synth**

**DESCRIPTION** CD-ROM.  
**MSRP** \$199.  
**INSTRUMENTS SUPPORTED** E-mu.

**Finger Juice for ESI-32/ESI-4000**

**DESCRIPTION** CD-ROM.  
**MSRP** \$199.  
**INSTRUMENTS SUPPORTED** E-mu.

**Grand Piano Collection**

**DESCRIPTION** CD-ROM.  
**MSRP** \$329.  
**INSTRUMENTS SUPPORTED** Kurzweil.  
**CONTENT** 32 grand piano files including Young Chang stereo grand and C7 stereo grand with three velocities. Bosendorfers, Steinway, rock, ballad, upright, and New Orleans pianos.

**Korg Trinity Bonus Programs**

**DESCRIPTION** Floppy disk.  
**MSRP** \$149.  
**INSTRUMENTS SUPPORTED** Korg Trinity.  
**CONTENT** 128 Trinity programs making use of 150 multisamples not used by the factory presets.

**Performance Instruments**

**DESCRIPTION** Audio CD.  
**MSRP** \$149.  
**INSTRUMENTS SUPPORTED** Akai, E-mu, Ensoniq, Kurzweil, Peavey, AIFF, WAV.  
**CONTENT** Over 1,000 samples from Classical, American, Exotic, Finger Juice, Stereo Drums, and Ultimate Guitar Sweetwater CD-ROM libraries.

**Power Translator for Brass Sections**

**DESCRIPTION** Floppy disk.  
**MSRP** \$199.  
**INSTRUMENTS SUPPORTED** Kurzweil.  
**CONTENT** Automatically converts sounds from Roland Brass Section CD-ROM to Kurzweil format. Requires Roland Brass Sections CD-ROM.

**Power Translator for Orchestral Percussion**

**DESCRIPTION** Floppy disk.  
**MSRP** \$199.  
**INSTRUMENTS SUPPORTED** Kurzweil.  
**CONTENT** Automatically converts sounds from Roland Orchestral Percussion CD-ROM to Kurzweil format. Requires Roland Orchestral Percussion CD-ROM.

## Sampling CDs, CD-ROMs, and Synth Patches

**Power Translator for Orchestral Winds**

DESCRIPTION Floppy disk.

MSRP \$199.

INSTRUMENTS SUPPORTED Kurzweil.

CONTENT Automatically converts sounds from Roland Orchestral Winds CD-ROM to Kurzweil format. Requires Roland Orchestral Winds CD-ROM.

**Power Translator for Solo String Sections**

DESCRIPTION Floppy disk.

MSRP \$199.

INSTRUMENTS SUPPORTED Kurzweil.

CONTENT Automatically converts sounds from Roland Solo Strings CD-ROM to Kurzweil format. Requires Roland Solo Strings CD-ROM.

**Power Translator for String Sections**

DESCRIPTION Floppy disk.

MSRP \$199.

INSTRUMENTS SUPPORTED Kurzweil.

CONTENT Automatically converts sounds from Roland String Sections CD-ROM to Kurzweil format. Requires Roland String Section CD-ROM.

**Roland XP/JV Bonus Programs**

DESCRIPTION Floppy disk.

MSRP \$99.

INSTRUMENTS SUPPORTED XP-50/60/80, JV-1080/2080.

CONTENT 128 programs for XP series synths. Includes Mac/PC sys-ex file with 128 JV-series synths programs.

**RSI Sample Collection**

DESCRIPTION CD-ROM.

MSRP \$329.

INSTRUMENTS SUPPORTED Kurzweil.

CONTENT Includes fireworks, industrial sounds, thunder, lightning, rain, jungle creatures, war sounds, audience stomps and cheers, acoustic guitar chords, lead guitars, pop brass, and French horn.

**Sound Arsenal**

DESCRIPTION CD-ROM.

MSRP \$249, free with Kurzweil purchase.

INSTRUMENTS SUPPORTED Kurzweil.

CONTENT 1,000 files including Best of the K250 and SW-B-3 Organ emulations for the K2500. Includes directory of Daniel Fisher's VAST examples.

**SweetBeats**

DESCRIPTION Floppy disk.

MSRP \$39.95.

INSTRUMENTS SUPPORTED Akai, E-mu, Ensoniq, Kurzweil, Peavey samplers and all GM standard synth drum kits.

CONTENT Live drumKAT performance MIDI files for Mac/PC. Loads into Mac, PC, Roland, Ensoniq, Korg, Kurzweil, and GM-compatible products.

**Total Stereo Session Drums**

DESCRIPTION CD-ROM.

MSRP \$329.

INSTRUMENTS SUPPORTED Kurzweil.

CONTENT 25 stereo drum kits with up to eight velocity levels per drum including ballad, country, fusion, funk, garage, jazz brush, and Latin, rock.

**Ultimate Guitars CD-ROM**

DESCRIPTION CD-ROM.

MSRP \$329.

INSTRUMENTS SUPPORTED Kurzweil.

CONTENT 115 guitars including acoustic, electro/acoustic, clean and distorted electric, clean and distorted chords, fretted and fretless basses. Includes a 34MB ZZ Top guitar with three velocity pick harmonics per note.

**Young Chang Stereo Grand**

DESCRIPTION Mixed-mode Kurzweil/Mac/PC CD-ROM.

MSRP \$99.

INSTRUMENTS SUPPORTED Kurzweil.

CONTENT Stereo grand piano sample on a mini CD-ROM. Includes 16MB and 13MB stereo and BMB mono grand pianos.

**SYNTAUR PRODUCTIONS****Supersoniq Phat!**

DESCRIPTION CD-ROM.

MSRP \$149.95.

INSTRUMENTS SUPPORTED Ensoniq sampler and synth sounds and accessories of their discontinued keyboards. Sample files are available on CD-ROM and floppy disk. Synth patches are available on floppy disk and memory cartridges for: ASR-X, ASR-10, EPS-16, Mirage, ZR076, MR series, E-Prime, KT series, TS series, SD-1, VFX, SQ-1, SQ-2, SQ-80, KS-32, and ESQ-1.

CONTENT Audio CDs, expansion boards, PCMCIA cards, and data cassettes also available.

**SYNTEC****Wall of Sounds, Vol. 1**

DESCRIPTION CD-ROM.

MSRP \$55.

INSTRUMENTS SUPPORTED Ensoniq.

CONTENT Over 400 sample sounds in all styles including classical synths, techno sequences, drum loops.

**Wall of Sounds, Vol. 2**

DESCRIPTION CD-ROM.

MSRP \$80.

INSTRUMENTS SUPPORTED Ensoniq.

CONTENT 450MB of techno, rave, hip-hop, house and dance floor sample sounds.

**Wall of Sounds, Vol. 3**

DESCRIPTION CD-ROM.

MSRP \$190.

INSTRUMENTS SUPPORTED E-mu.

CONTENT General purpose CD-ROM in E-mu format. Accordion, pan flute, oboe, marimba, brass, church organs, pianos, and more.

**Wall of Sounds, Vol. 4**

DESCRIPTION CD-ROM.

MSRP \$110.

INSTRUMENTS SUPPORTED E-mu, E-mu EIV.

CONTENT Exclusive collection for professional E-mu users. Vintage sounds and programming with Morpheus filter and multi-layers.

**Wall of Sounds, Vol. 5  
World of Oberheim Matrix 12**

DESCRIPTION CD-ROM.

MSRP \$110.

INSTRUMENTS SUPPORTED E-mu.

CONTENT Over 200MB of Oberheim Matrix 12. Pads, strings, soundtracks, voices, orchestra, brass. Also 40MB of Prophet 5 sounds.

**Wall of Sounds, Vol. 6 Super Strings**

DESCRIPTION CD-ROM.

MSRP \$275.

INSTRUMENTS SUPPORTED E-mu, E-mu EIV.

CONTENT 620MB of orchestral string ensembles using Multilayer and Morph EIV filter. Includes Fairlight, Mellotron, Solina, Cruma, Prophet 5, and ARP 2600 strings.

**Wall of Sounds, Vol. 7 World of FM**

DESCRIPTION CD-ROM.

MSRP \$110.

INSTRUMENTS SUPPORTED E-mu.

CONTENT Over 250MB of FM sounds, most in stereo and layers.

**TECH STAR****Ensoniq ASR/EPS Samples**

DESCRIPTION Floppy disk.

MSRP \$4 - \$10 per disk.

INSTRUMENTS SUPPORTED Ensoniq samplers and synths: ASR-10, ASR-X, ASR-88, EPS, EPS 16+, TS-10, TS-12.

CONTENT Classical, contemporary, techno, and hip hop.

**UBIQUITY RECORDINGS****Beat Head Breaks**

DESCRIPTION Audio CD.

MSRP \$15.9B.

CONTENT Breakbeats from rare 70's records, looped into two minute tracks.

**Boston Baked Beats**

DESCRIPTION Audio CD.

MSRP \$15.9B.

CONTENT Breakbeats from rare 70's records, looped into two minute tracks.

**Drum Crazy Vols. 1-5**

DESCRIPTION Audio CD.

MSRP \$15.9B each.

CONTENT Breakbeats from rare 70's records, looped into two minute tracks. Tracks listed by bpm.

**Jaw Breaks**

DESCRIPTION Audio CD.

MSRP \$15.9B.

CONTENT Breakbeats from rare 70's records, looped into two minute tracks.

**Master Drummers, Vol. 3 Mike Clark**

DESCRIPTION Audio CD.

MSRP \$15.9B.

CONTENT Digitally recorded drum beats by Mike Clark.

**Master Drummers, Vols. 1 & 2  
Bernard Purdie**

DESCRIPTION Audio CD.

MSRP \$15.9B each.

CONTENT Digitally recorded drum beats by Bernard Purdie.

**Red Hot Beats**

DESCRIPTION Audio CD.

MSRP \$15.9B.

CONTENT Breakbeats from rare '70s records, looped into two-minute tracks.

For a fully searchable effects buyer's guide on the Web, log onto *Music Technology Buyer's Guide Online* at [www.mtbg.com](http://www.mtbg.com). See page 129 for details.

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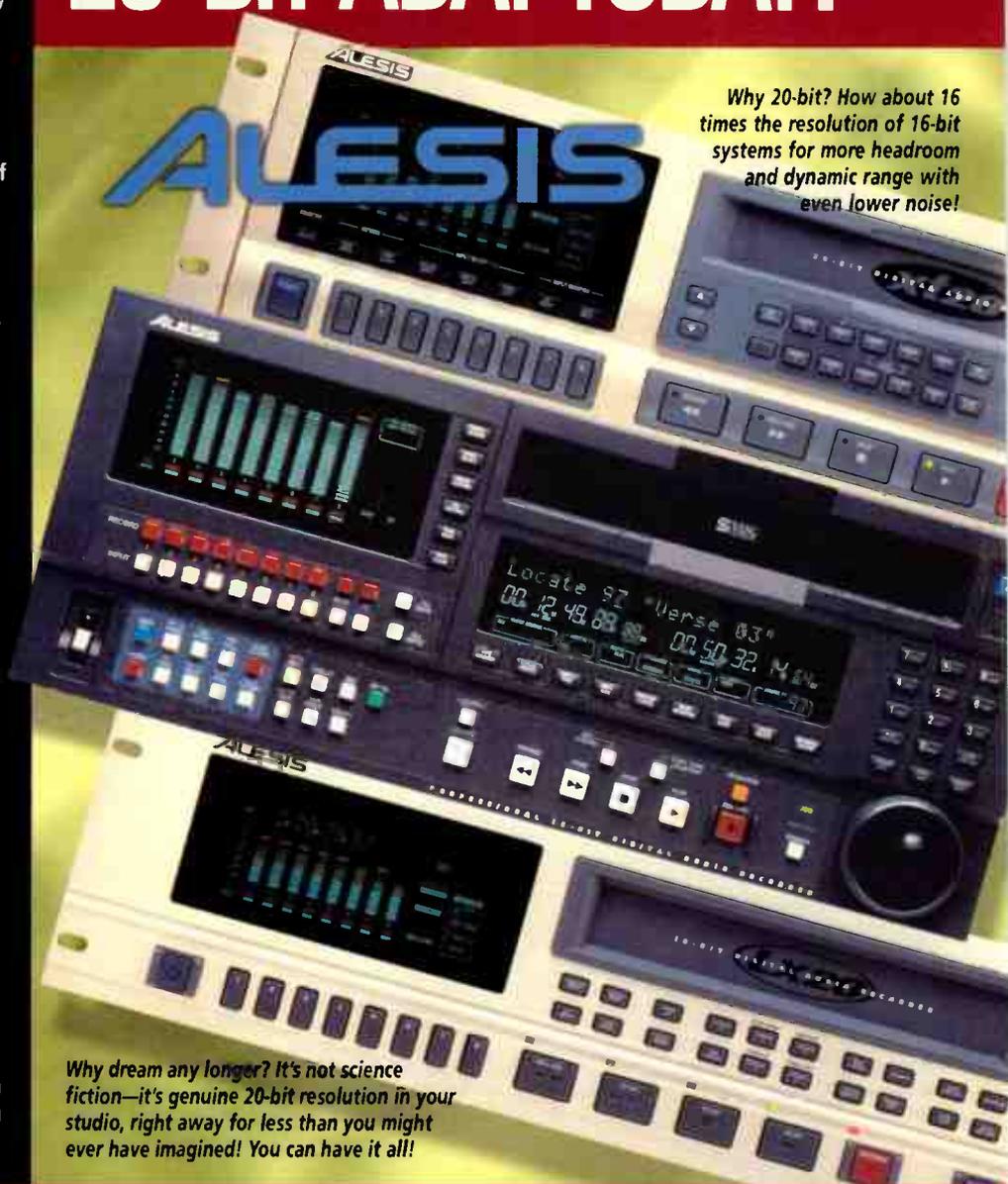
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World Radio History

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# Electronic Percussion



he phrase “electronic percussion” covers a world of different instruments, from sound modules that have sampled percussion instruments to drum sets complete with electronic cymbals. This

chapter breaks that world down into four sections. First, beginning on the following page, are Drum Machines. These are self-contained percussion sound modules that often have trigger pads, a sequencer-style pattern system, and some way to synchronize tempo with other devices, such as sequencers. Some can sample, and some can function as stand-alone hardware MIDI sequencers.

Percussion Controllers (next page) do not necessarily produce sounds of their own. They are designed to trigger sounds from external instruments when played by a percussionist. Many of them do have a sound module option, however. Some are intended to be played like drums, that is, with sticks, and others are designed to be played with the hands.

Percussion Sound Modules (page 81) contain primarily percussion sounds, which are triggered via MIDI. Some feature pad trigger inputs and are designed to work with particular percussion controller systems.

Electronic Drums (page 81) have some of the physical characteristics of acoustic drums such as heads and even resonating shells. The head vibrations are processed in a variety of ways to produce some truly unusual sounds.

DRUM MACHINES

PERCUSSION  
CONTROLLERS

PERCUSSION SOUND  
MODULES

ELECTRONIC DRUMS  
& DRUMSETS

# Vital Stats: Drum Machines

See listings below.

MODEL	TYPE	SOUNDS	PATTERNS	MSRP
<b>Alesis 5R16</b>	Tabletop drum machine.	233 drum sounds. 50 user kits. 50 preset kits. 16-voice polyphony.	200 user ROM patterns. 200 preset ROM patterns. 100 user-programmable songs. 96 ppq.	\$349
<b>Roland DR-202</b>	Tabletop drum machine.	207 ROM percussion sounds. 49 non-percussion sounds. 192 drum kits. Effects.	400 ROM patterns. 100 user-programmable patterns. 20 user-programmable songs. 96 ppq resolution.	\$495
<b>Roland DR-5</b>	Tabletop drum machine.	174 ROM percussion sounds. 82 non-percussion sounds. 64 drum kits.	200 ROM patterns. 200 user-programmable patterns. 20 user-programmable songs. 48 ppq resolution.	\$595
<b>Roland DR-550 MKII</b>	Tabletop drum machine.	91 ROM percussion sounds. 12-voice polyphony.	64 ROM patterns. 64 user-programmable patterns. 8 user-programmable songs. 48 ppq resolution.	\$350
<b>Roland DR-660</b>	Tabletop drum machine.	91 ROM percussion sounds.	100 ROM patterns. 150 user-programmable patterns. 100 user-programmable songs. 96 ppq resolution.	\$595
<b>Steinberg ReBirth 2.0</b>	Software-based drum machine and synth for PC/Mac.	32+ ROM percussion sounds. 2 non-percussion sounds. 2 drum kits. Effects. Expandable with free mods.	64 user-programmable patterns.	\$199
<b>Yamaha RY8 Rhythm Programmer</b>	Tabletop drum machine.	85 ROM percussion sounds. 30 non-percussion sounds. 16 drum kits. Effects.	50 ROM patterns. 50 user-programmable patterns. 50 user-programmable songs. 24 ppq resolution.	\$299.95
<b>Yamaha RY20 Rhythm Programmer</b>	Tabletop drum machine.	282 ROM percussion sounds. 18 non-percussion sounds. 40 drum kits.	150 ROM patterns. 50 user-programmable patterns. 50 user-programmable songs. 96 ppq resolution.	\$499.95

Check these out, too! Samplers (page 52): Akai MPC2000, Ensoniq ASR-X. Sequencers (page 45): Roland MC-505 and MC-303.

## Drum Machines

See chart above.

### ALESIS

#### SR16

**TRIGGERS** Pads transmit velocity.  
**AUDIO CONNECTORS** 4 audio outs.  
**DIMENSIONS** 9-1/4" W x 6-1/2" D x 1-1/5" H. 2-1/2 lbs.

### ROLAND

#### DR-202

**TRIGGERS** 13 pads.  
**AUDIO CONNECTORS** 2 audio inputs. 2 outputs.  
**FEATURES** Drum roll triggering. Includes DP-2 footswitch and FS-5U PSA-120 adapter. Battery powered.  
**DIMENSIONS** 10-3/4" W x 8-3/4" D x 3-3/8" H. 2.4 lbs.

#### DR-5

**TRIGGERS** 36 pads.  
**AUDIO CONNECTORS** 2 audio outputs.  
**FEATURES** 4-part multitimbral. Guitar input with amp simulation. External in-socket (wall wart) adapter.  
**DIMENSIONS** 8-15/16" W x 7-1/8" D x 1-3/16" H. 2 lbs.

#### DR-550 MKII

**TRIGGERS** 12 pads.  
**AUDIO CONNECTORS** 2 audio outputs.  
**FEATURES** External in-socket (wall-wart) adapter. External power supply optional.  
**DIMENSIONS** 7-7/16" W x 6-3/16" D x 1-5/8" H. 1.1 lbs.

#### DR-660

**TRIGGERS** 16 pads. Pads transmit velocity.  
**AUDIO CONNECTORS** 2 (stereo pair) and 2 individual outs.  
**FEATURES** 2 onboard stereo effects processors. External in-socket (wall-wart) adapter.  
**DIMENSIONS** 8-1/2" W x 6-1/2" D x 2-1/4" H. 16.6 lbs.

### STEINBERG

#### ReBirth 2.0

**TRIGGERS** 32 onscreen pads.  
**AUDIO CONNECTORS** Stereo outs (depends on computer).  
**FEATURES** Physical modeling of Roland TR-808 and TB-303. Effects include distortion, delay, compressor, filter. Export songs as AIFF or .WAV files. Syncs to MIDI dock. Individual outs for each drum sound (with Cubase VST only).

### YAMAHA

#### RY8 Rhythm Programmer

**TRIGGERS** 12 pads.  
**AUDIO CONNECTORS** 2 audio inputs. 2 audio outputs.  
**FEATURES** Assignable chord tracks. 200 backing patterns.  
**DIMENSIONS** 7-1/2" W x 4-1/8" D x 1-1/4" H. 13 oz.

#### RY20 Rhythm Programmer

**TRIGGERS** 12 pads. Pads transmit velocity.  
**AUDIO CONNECTORS** 2 audio inputs. 2 audio outputs.  
**FEATURES** 20 preset kits. 20 user kits. DSP with 6 reverbs. 4 delays with tempo sync. Groove quantize.  
**DIMENSIONS** 9-1/2" W x 6-7/8" D x 1-7/8" H. 1.6 lbs.

## Percussion Controllers

### ALTERNATE MODE

#### DK10

**DESCRIPTION** Pad trigger system.  
**MSRP** \$549.  
**SOUNDS** 10 drum kits.  
**TRIGGERS** 10 pads. Pads transmit velocity and aftertouch. 2 trigger inputs. Extended triggering includes delay and multiple notes per pad.  
**AUDIO/MIDI CONNECTORS** 1 MIDI output.  
**FEATURES** FSR sensors. Heavy-duty metal chassis. Gum rubber playing surface. Optional mounting bracket. Optional kick and hi-hat pedals.

#### DrumKat 3.7

**DESCRIPTION** Pad trigger system.  
**MSRP** \$1,179.  
**SOUNDS** 30 drum kits.  
**TRIGGERS** 10 pads. Pads transmit velocity and aftertouch. 10 trigger inputs. Extended triggering includes arpeggiation, delay, multiple notes per pad, and melodic modes.  
**AUDIO/MIDI CONNECTORS** 1 audio output. 4 MIDI outputs.

**FEATURES** Breath control input. Control pedal input. Built-in sequencer. MIDI routing. FSR sensors. Turbo upgrade expands power, kits, and sequences.

#### MalletKat

**DESCRIPTION** Mallet controller system.  
**MSRP** \$2,299.  
**SOUNDS** 128 drum kits.  
**TRIGGERS** 39 pads. Pads transmit velocity.  
**AUDIO/MIDI CONNECTORS** 2 MIDI outputs.  
**FEATURES** Breath controller input. Optional octave expander (2 maximum). Optional stand. Optional footpedals/footswitches.

#### MalletKat Pro WS

**DESCRIPTION** Mallet controller system.  
**MSRP** \$3,279.  
**SOUNDS** 100 ROM percussion sounds. 200 non-percussion sounds. 127 drum kits. 32-voice polyphony. Effects.  
**TRIGGERS** 3 octaves (2 additional octaves can be added). Pads transmit velocity and aftertouch. Extended triggering includes arpeggiation and multiple notes per pad.  
**AUDIO/MIDI CONNECTORS** 2 audio inputs. 2 audio outputs. 2 MIDI outputs.  
**FEATURES** FSR sensors (upgradable). Hang mode. Dampen mode. Built-in sequences.

#### TrapKat

**DESCRIPTION** Pad trigger system.  
**MSRP** \$1,299.  
**SOUNDS** 24 drum kits. Unlimited polyphony.  
**TRIGGERS** 24 pads. Pads transmit velocity and aftertouch. 2 trigger inputs. Extended triggering includes delay and multiple notes per pad.  
**AUDIO/MIDI CONNECTORS** 2 MIDI outputs.  
**FEATURES** FSR sensors (upgradable). Breath controller input. Kick drum and hi-hat input, built-in sequences. Optional stand. Optional kick and hi-hat pedals.

### ROLAND

#### SPD-20

**DESCRIPTION** Pad trigger system.  
**MSRP** \$895.  
**SOUNDS** 530 ROM percussion sounds. 170 non-percussion sounds. 99 drum kits. 14-voice polyphony. Effects.  
**TRIGGERS** 32 pads. Pads transmit velocity. 4 trigger inputs. Extended triggering includes multiple notes per pad.

**AUDIO/MIDI CONNECTORS** 2 audio outputs, 1 MIDI output.

**FEATURES** 2 banks of 16 pads (8 pads plus up to 8 external pads/triggers) for a maximum of 32 pads. 4 dual-trigger (TRS) inputs. Onboard effects (reverb/delay, chorus/flanger). External inputs 1-4 accept all Roland pad models, including PD-120 and PD-100 V-Pads, acoustic triggers, and the FD-7 hi-hat control pedal. Included "Phrase-Loop" sounds can be sustained indefinitely with a connected footswitch.

**STARR LABS****Kurzweil KPC Percussion Controller**

**DESCRIPTION** Pad trigger system.

**MSRP** \$1,295.

**SOUNDS** 32 drum kits. 128-voice polyphony. Effects. Expandable with PCM card.

**TRIGGERS** 16 pads. Pads transmit velocity and aftertouch. 16 trigger inputs. Extended triggering includes arpeggiation, delay, multiple notes per pad, and 2-zone pads. Accepts 16 2-zone trigger pads, 1-zone piezo or pressure-pads, or CV pedals in any combination.

**AUDIO/MIDI CONNECTORS** 1 MIDI output.

**FEATURES** Onboard setups created specifically for Kurzweil K2000/K2500 series. Each of the 32 inputs can trigger up to 8 MIDI events (notes, controller data, program changes, or sys-ex). Events can be played simultaneously or sequentially. Optional Kurzweil 2-Zone Composite Sensing Trigger pads and electronic hi-hat and kick pedals.

**WALKABOUT****Walkabout Series**

**DESCRIPTION** Strap-on/wearable percussion controllers.

**MSRP** \$495 to \$2,195.

**TRIGGERS** 7-8 pads. Pads transmit velocity.

**FEATURES** Battery-powered, wireless transmitters allow freedom of mobility. Walkabout carrier system can accommodate most any MIDI percussion controller (DrumKat, DK10, Roland SPD-11, SPD-20, etc.) "Triggershoes" let the player create rhythms with the feet.

**ZENDRUM****Zendrum 578**

**DESCRIPTION** Strap-on/wearable percussion controller.

**MSRP** \$300.

**TRIGGERS** 24 pads. Pads transmit velocity. 1 trigger input. Extended triggering includes multiple notes per pad.

**AUDIO/MIDI CONNECTORS** 1 MIDI output.

## Percussion Sound Modules

**ALESIS****DMS**

**DESCRIPTION** Rackmount percussion sound module.

**MSRP** \$449.

**SOUNDS** 500 drum sounds. 21 kits. 16-voice polyphony.

**TRIGGERS** 12 trigger inputs.

**AUDIO CONNECTORS** 4 audio outs.

**FEATURES** Preview button.

**DIMENSIONS** 1U rackmount.

**DM Pro**

**DESCRIPTION** Rackmount percussion sound module.

**MSRP** \$899.

**SOUNDS** 1,536 ROM percussion sounds. 128 non-percussion sounds.

64 drum kits. 64-voice polyphony. Effects. Expandable with PCM card.

**TRIGGERS** 16 trigger inputs.

**AUDIO CONNECTORS** 2 audio inputs. 6 audio outputs.

**FEATURES** Compatible with Alesis QCard Sound Library. Works with Alesis Soundbridge software to allow user samples to be burned on Flash Cards.

**DIMENSIONS** 1U rackmount. 5 lbs.

**ROLAND****TD-5**

**DESCRIPTION** Rackmount/standmount percussion sound module.

**MSRP** \$645.

**SOUNDS** 210 ROM percussion sounds. 32 drum kits. 14-voice polyphony. Effects.

**TRIGGERS** 8 dual-trigger inputs.

**AUDIO CONNECTORS** 2 audio outputs (1 stereo pair).

**FEATURES** Onboard digital effects: reverb/delay. Built-in metronome syncable to MIDI clock.

**DIMENSIONS** 8-5/8" W x 9-7/8" D x 1-13/16" H. 2.9 lbs.

**TD-7T**

**DESCRIPTION** Rackmount/standmount percussion sound module.

**MSRP** \$875.

**SOUNDS** 499 ROM percussion sounds. 12 non-percussion sounds. 32 drum kits. 14-voice polyphony. Effects.

**TRIGGERS** 9 dual trigger inputs.

**AUDIO CONNECTORS** 2 audio outs (1 stereo pair).

**FEATURES** Onboard digital effects: reverb/delay, chorus/flanger. 4-part multitimbral. Onboard phrase sequencer.

**DIMENSIONS** Half rackspace. 8-5/8" W x 9-1/4" D x 1-3/4" H. 3 lbs.

**TD-10**

**DESCRIPTION** Tabletop percussion sound module.

**MSRP** \$1,895.

**SOUNDS** 600 ROM percussion sounds. 54 non-percussion sounds. 50 drum kits. 56-voice polyphony. Effects.

**TRIGGERS** 1 pad. 12 1/4" dual-trigger inputs.

**AUDIO CONNECTORS** 8 audio outputs (4 stereo 1/4" pairs).

**FEATURES** Preview button. Onboard pattern sequencer. 4-part multitimbral. Onboard effects: delay, reverb, chorus, flanger, phaser, RSS delay, ambient effects. Standard detachable AC cord. Optional sound-expansion board.

**DIMENSIONS** 12-1/6" W x 9-11/16" D x 3-9/16" H. 5.1 lbs.

## Electronic Drums And Drumsets

**ALTERNATE MODE****trap KAT kit**

**DESCRIPTION** Drum pad set.

**MSRP** \$1,849.

**SOUNDS** 24 drum kits. Unlimited polyphony.

**Roland DR-660**

Reader Service No. 194

**PATTERNS** 15 ROM patterns.

**TRIGGERS** 24 pads. 1 zone per pad. Pads transmit velocity and aftertouch. 2 trigger inputs. Extended triggering includes multiple notes per pad.

**FEATURES** FSR sensors, upgradable. Kit comes with trap KAT, trap KAT stand, HAT Pedal, FAT Pedal (BD), and all cables.

**DIMENSIONS** 42" W x 19" D x 2.5" H. 35 lbs.

**CLAVIA**

## ddrum

electronic percussion for musicians

Reader Service No. 195

**Ddrum 4 System One**

**DESCRIPTION** Drum pad set with sound module.

**MSRP** \$4,595.

**SOUNDS** Sample-based. 382 ROM percussion sounds. 99 drum kits. 20-voice polyphony.

**TRIGGERS** 10 pads. 8 zones per pad. Pads transmit velocity and aftertouch. 10 trigger inputs.

**AUDIO CONNECTORS** 6 audio outputs.

**Roland V-Pro**

Reader Service No. 196

**FEATURES** Aftertouch on 5 channels. Rackmountable. Chokeable cymbal with two trigger zones (bell/ride). Hi-hat controller mountable on traditional hi-hat stand. Exchangeable sound library in flash ROM.

**DIMENSIONS** 15.6" W x 6.3" D x 3" H. 6.6 lbs.

**PINTECH****CK-8 Cocktail Kit**

**DESCRIPTION** Drum pad set.

**MSRP** \$678.

**SOUNDS** Optional Alesis DM-5.

**TRIGGERS** 6 pads. 2 zones per pad. Pads transmit velocity and aftertouch. 8 trigger inputs.

**FEATURES** Custom configurations available. Double-braced rack system with all necessary clamps, cables, and laser-cut universal module mount included.

**CS/1 ConcertCast Professional Kit**

**DESCRIPTION** Drum pad set.

**MSRP** \$1,178.

**TRIGGERS** 9 pads. 2 zones per pad. Pads transmit velocity and aftertouch. 2 trigger inputs.

**FEATURES** Custom configurations available. 3-sided double-braced rack system with all necessary clamps, cables, and laser-cut universal module mount included.

**TS/1 Sensorac**

**DESCRIPTION** Drum pad set.

**MSRP** \$678

**SOUNDS** Optional Alesis DM-5.

**TRIGGERS** 8 pads. 1 zone per pad. Pads transmit velocity and aftertouch. 8 trigger inputs.

**FEATURES** Custom configurations available: rack system with clamps, cables, and laser-cut universal module mount included. Gig bag optional.

**ROLAND****Stage Set**

**DESCRIPTION** Drum pad set with sound module.

**MSRP** \$2,595.

**SOUNDS** TD-71 eound module. 512 ROM percussion sounds. 70 non-percussion sounds. 32 drum kits. 14-voice polyphony.

**PATTERNS** 24 ROM patterns. 24 user-programmable patterns. 96 ppq resolution.

**TRIGGERS** 10 pads. 2 zones per pad. Pads transmit velocity and aftertouch. 9 trigger inputs.

**AUDIO CONNECTORS** Stereo outs plus 2 individual outs. Stereo headphone out.

**FEATURES** 2 dual-trigger zones per pad. 9 dual-trigger inputs. Additional pads optional.

**Trap Set**

**DESCRIPTION** Drum pad set with sound module.

**MSRP** \$1,495.

**SOUNDS** TD-5 sound module. 210 ROM percussion sounds. 32 drum kits. 14-voice polyphony.

**TRIGGERS** 7 pads. Pads transmit velocity. 8 trigger inputs.

**AUDIO CONNECTORS** Stereo outs. Headphone out.

**FEATURES** 8 dual-trigger inputs. Additional pads optional.

**DIMENSIONS** 8-5/8" W x 9-7/8" D x 1-13/16" H. 2.9 lbs.

**V-Pro Set**

**DESCRIPTION** Drum pad set with sound module.

**MSRP** \$4,495.

**SOUNDS** DSP-based sound engine. 600 ROM percussion sounds. 54 non-percussion sounds. 50 drum kits. 56-voice polyphony.

**PATTERNS** 50 ROM patterns. 50 user-programmable patterns. 192 ppq resolution.

**TRIGGERS** 11 pads. Pads transmit velocity and aftertouch. 12 trigger inputs.

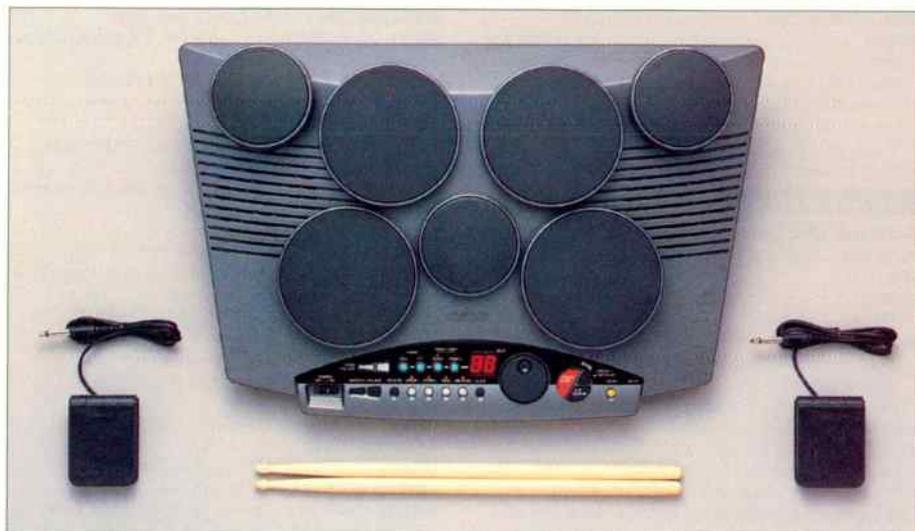
**AUDIO CONNECTORS** 4 stereo-pair outputs plus 8 individual outs. Stereo input (1/4" TRS).

**FEATURES** RAD-10U rack adapter for TD-10 sound module. Additional pads are optional.

**DIMENSIONS** 12-1/16" W x 9-11/16" D x 3-9/16" H. 5.1 lbs.

**YAMAHA****YAMAHA®****DD9**

**DESCRIPTION** Drum pad set with sound module.

**Yamaha DD50**

Reader Service No. 198

**Yamaha DD9**

Reader Service No. 197

**MSRP** \$139.95.

**SOUNDS** PCM. 34 ROM percussion sounds. 20 non-percussion sounds.

**PATTERNS** 1 user-programmable song.

**AUDIO CONNECTORS** Stereo audio output. Stereo headphone jack.

**FEATURES** Drum sticks included. Optional PA3B adapter.

**DIMENSIONS** 9.3" W x 17.1" D x 5.9" H.

**DD50**

**DESCRIPTION** Drum pad set with sound module.

**MSRP** \$299.95.

**SOUNDS** PCM.

**DS12**

**DESCRIPTION** Drum pad set with sound module.

**MSRP** \$2,715.

**SOUNDS** PCM. 880 ROM percussion sounds. 176 non-percussion sounds. 64 drum kits. 32-voice polyphony.

**PATTERNS** 110 ROM patterns. 100 user-programmable patterns. 100 preset/30 user-programmable songs. 96 ppq resolution.

**TRIGGERS** 12 pads. 2 zones per pad. Pads transmit velocity. 10 trigger inputs. Extended triggering includes multiple notes per pad.

**AUDIO CONNECTORS** Stereo audio input. 4 audio outputs.

**FEATURES** DS12 includes DTX Version 2 module. Custom LCD display. Double-digit, 7-segment LED. 8 mute/sequencer LED indicators.

Realtime and step-time record modes. 8 of the 10 pad trigger inputs are dual-trigger type. Channels 9/10 and 11/12 are independent-

trigger types.

**DIMENSIONS** 11-13/16" W x 8-11/16" D x 2-1/4" H. 3 lbs., 2 oz. (Dimensions and weight are for the DTX module only.)

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The 2408 is one of the hottest new products we've ever had at Sweetwater! It's great by itself or in combination with a tape-based system such as ADAT or DA-88. If you've been wanting the ease and power of random access multitracking but were waiting for a more economical approach, your time has come. With the money you save on the 2408 over other systems, you can buy yourself an amazing computer to run it on!

Classic tube preamps and compressors have become hot commodities, costing thousands of dollars. What if you could have all of the sound, coupled with today's low-noise, high-reliability design advancements at a fraction of the cost? The processors from ART give you that vintage sound to warm up your digital recordings. Hit them softly for a clear, transparent sound. Crank it up to add more "heat." Check out some industry raves:

"Useful on all kinds of sessions . . . whisper-clean or add a nice warm thickness. The Pro MPA is great for making mid-priced mics sound like pricey, big-ticket models. An excellent value. ART has a winner on its hands." — *George Peterson, Editor, Mix Magazine*

"Every manufacturer loves to use buzz words like transparency, warmth, and musicality. For my money, ART is justified in using exactly those words to describe the Pro VLA . . . One of the few products I have encountered that has caused me to rethink the way I work in my studio. ART has built a real winner."

— *Jim Miller, Electronic Musician*



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# Signal Processors



The signal processors listed in this chapter represent nearly every imaginable type, from equalizers designed for outboard use in a studio to delay units destined for your keyboard rack, and from instruments with the latest 32-bit, all-digital circuitry to units with a new take on tube technology. The first section, Leslie Speakers and Leslie Simulators, is dedicated to devices that are taking on the challenge of making a convincing rotary speaker effect. Some are digital simulations, some are actual rotating horns.

Effects Processors are found beginning on page 86. The devices found here range from the type that can throw several effects at your sound simultaneously, to units that specialize in one particular effect, be it reverb, delay, or a less-common effect.

Among the Dynamics Processors (page 92) you'll find devices that perform tasks such as compression, limiting, gating, and noise reduction. Beginning on page 98, you'll find equalizers of every imaginable configuration and price.

Graphic, parametric, tube, digital, hybrid, you name it – it's here.

LESLIE SPEAKERS  
AND SIMULATORS

EFFECTS  
PROCESSORS

DYNAMICS  
PROCESSORS

EQUALIZERS

## Leslie Speakers And Leslie Simulators

### BARBETTA/BT PRODUCTIONS

#### Cydone

**DESCRIPTION** Rotating speaker cabinet.

**MSRP** \$799 - \$1,699.

**FEATURES** Single 1/4" and XLR ins. Overdrive/distortion. Rotor fast/slow controllable via footswitch. Level and balance controls. 250-watt bi-amplified Leslie replacement power amplifiers available for custom modifications. Optional parametric EQ and rackmount signal processor with EQ and compression. Custom sales/installations by BT Productions.

**DIMENSIONS** 6U rackmount.

### HAMMOND SUZUKI

#### Leslie 122

**DESCRIPTION** Rotating speaker cabinet.

**MSRP** See dealer.

**FEATURES** Leslie 6-pin audio in. Vacuum tube. Measured continuous undistorted output. 40 watts RMS.

**DIMENSIONS** 29.25" W x 20.5" D x 41.6" H. 149 lbs.

#### Leslie 122xb

**DESCRIPTION** Rotating speaker cabinet.

**MSRP** See dealer.

**FEATURES** Leslie 11-pin input jack. Vacuum tube. Measured continuous undistorted output. 40 watts RMS.

**DIMENSIONS** 29.25" W x 20.6" D x 41.6" H. 149 lbs.

#### Leslie 147

**DESCRIPTION** Rotating speaker cabinet.

**MSRP** See dealer.

**FEATURES** Leslie 6-pin input jack. Vacuum tube. Measured continuous undistorted output. 40 watts RMS.

**DIMENSIONS** 29.25" W x 20.6" D x 41.6" H. 149 lbs.

#### Leslie 303

**DESCRIPTION** Rotating speaker cabinet.

**MSRP** See dealer.

**FEATURES** 2-channel operation. 100 watts. Footswitch controllable.

**DIMENSIONS** 25.5" W x 20" D x 27" H. 115 lbs.

#### Leslie 323

**DESCRIPTION** Rotating speaker cabinet.

**MSRP** See dealer.

**FEATURES** 2-channel operation. 100 watts.

**DIMENSIONS** 25.5" W x 20" D x 27" H. 115 lbs.

#### Leslie 771

**DESCRIPTION** Rotating speaker cabinet.

**MSRP** See dealer.

**FEATURES** 1-channel operation.

**DIMENSIONS** 29.25" W x 20.6" D x 41.6" H. 149 lbs.

#### Leslie 914

**DESCRIPTION** Rotating speaker cabinet.

**MSRP** See dealer.

**FEATURES** 3-channel operation. Leslie 11-pin input jack.

**DIMENSIONS** 30" W x 21" D x 42" H. 160 lbs.

### MOTION SOUND

#### Low-Pro LP-120

**DESCRIPTION** Portable rotating speaker cabinet.

**MSRP** \$899.

**FEATURES** Rotor fast/slow, speed, and audio controlled from 5-pin input

(mono/stereo), tap tempo delay.

**DIMENSIONS** 20" W x 16.75" D x 22" H. 58 lbs.

#### Pro-3T

**DESCRIPTION** Portable rotating speaker cabinet.

**MSRP** \$769.

**FEATURES** Single 1/4" in, two 1/4" outs. Overdrive/distortion. Fast/slow rotor footswitch-controllable. Rotor stop, contour control. 12AX7 tube pre-/post-gain. 5-pin LP-120 connector.

**DIMENSIONS** 20" W x 16.5" D x 6.5" H. 27 lbs.

#### R3-147

**DESCRIPTION** Rackmount rotating speaker.

**MSRP** \$1,099.

**FEATURES** 2 1/4" ins, two 1/4" outs. Overdrive/distortion and rotor fast/slow controllable via footswitch and MIDI. 4 mics on horn with mixer control. 12AX7 tube pre-/post-gain. Adjustable accelerate/decelerate. Fast/slow speeds on upper and lower speakers. Slow, stop, and contour control.

**DIMENSIONS** 4U rackmount. 11 lbs.

### ROCKTRON

#### Multivalve

**DESCRIPTION** Rackmount simulator.

**MSRP** \$959.

**FEATURES** 2 1/4" ins, 2 1/4" outs. Rotor fast/slow is MIDI-controllable. 12AX7-driven effects processor.

**DIMENSIONS** 1U rackmount.

## Effects Processors

See chart on page 88.

### ALESIS

# ALESIS

#### MicroVerb 4

**EFFECT TYPES** Reverb.

**FEATURES** Rackmount effects unit. -10dB, input meters, 1/4" inputs and outputs, discrete stereo processing. 18 algorithms, 3 simultaneous, 100 user-programmable memory locations, wet/dry knob, bypass footswitch. MIDI in and out, 2 simultaneous continuous controllers per program, bulk MIDI dump.

**DIMENSIONS** 1U rackmount. 2.6 lbs.

#### MidiVerb 4

**EFFECT TYPES** Reverb.

**FEATURES** Rackmount effects unit. -10dB, input meter, 1/4" input and output, discrete stereo processing. 32 algorithms, 128 user-programmable memory locations. Wet/dry parameter. Bypass button and footswitch. MIDI in and out, 2 simultaneous continuous controllers per program, bulk MIDI dump. 18-bit/48kHz converters, 24-bit processing, auto-level sensing, dual-channel effects.

**DIMENSIONS** 1U rackmount. 4-1/2 lbs.

#### NanoVerb

**EFFECT TYPES** Reverb.

**FEATURES** Rackmount effects unit. -10dB, input meter, 1/4" input and output, discrete stereo processing. 10 algorithms. Wet/dry parameter. Bypass footswitch. MIDI in and out.

**DIMENSIONS** 1/3U rackmount. 1-1/4 lbs.

#### Q20

**EFFECT TYPES** Auto-pan, chorus, delay, distortion, echo, EQ, enhancer, filter FX, flange, overdrive, pitch shift, reverb, rotary and 3-D FX, and resonator, ring modulator, sampling (mono/stereo), tremolo

(mono/stereo), tap tempo delay.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 XLR outputs. DIGITAL I/O: optical I/O, coaxial (RCA) input. ADAT I/O. 32,300ms maximum reverb time. 5,000ms maximum delay time. 100 presets. 200 user program locations. Wet/dry mix adjustment via realtime MIDI control. Effects bypass via front panel button, realtime MIDI control, footswitch input. MIDI In connector. Performs MIDI Bulk dump. 8 simultaneous controllers per program.

**DIMENSIONS** 1U rackmount. 4.2 lbs.

### ANTARES AUDIO TECHNOLOGY

#### ATR-1 Auto-Tune Intonation Processor

**EFFECT TYPES** Pitch shift and real-time pitch correction on voice or solo instrument.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 1 balanced 1/4" input. 1 unbalanced 1/4" input. 1 XLR input. 1 unbalanced 1/4" output. 1 XLR output. 50 presets. 50 user program locations. Effects bypass via front panel button, realtime MIDI control, software parameter, and footswitch. MIDI in connector. Accepts realtime program changes. 3 simultaneous controllers per program. Song Mode for live performance use.

**DIMENSIONS** 1U rackmount. 4 lbs.

### ART

#### FX-1

**EFFECT TYPES** Auto-pan, chorus, delay, echo, flange, pitch shift, reverb, and dual pitch shift, tremolo, dual mono processing.

**FEATURES** Tabletop effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. 8,000ms maximum reverb time. 500ms maximum delay time. 60 presets. Wet/dry mix adjustment via front panel knob.

**DIMENSIONS** 4-1/2" W x 5" D x 1-3/4" H. 1-1/2 lbs.

#### Quadra/FX

**EFFECT TYPES** Auto-pan, chorus, delay, echo, EQ, filter FX, flange, pitch shift, reverb, rotary, 3-D FX, phaser, tremolo.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 4 unbalanced 1/4" inputs. 4 unbalanced 1/4" outputs. 20sec maximum reverb time. 5sec maximum delay time. 100 presets. Wet/dry mix adjustment via realtime MIDI control and software parameter. Effects bypass via front panel button and realtime MIDI control. In and out thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 2 simultaneous controllers per program. Operates as 2 true stereo processors. 20-bit A/D and D/A converters.

**DIMENSIONS** 1U rackmount. 2.5 lbs.

### AUDIO CENTRON

#### TFX2 SRS

**EFFECT TYPES** 3-D FX.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 balanced 1/4" inputs. 2 balanced 1/4" outputs. Wet/dry mix adjustment via front panel knob. Effects bypass via front panel button.

**DIMENSIONS** 1U rackmount. 1.5 lbs.

### BELLARI

#### RP562 Stereo Tube Sonic Exciter

**EFFECT TYPES** Enhancer, exciter, subharmonic FX.

**FEATURES** Rackmount effects unit. VU input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 XLR inputs. 2 unbalanced 1/4" outputs. 2 XLR outputs. Effects bypass via front panel button.

**DIMENSIONS** 1U rackmount. 5 lbs.

### BIG BRIAR

#### Moogerfooger Lowpass Filter

**EFFECT TYPES** Auto-wah, filter FX, wah, and Analog lowpass filter with envelope follower.

**FEATURES** Tabletop footpedal effects unit. LED input meter. ANALOG I/O: 1 unbalanced 1/4" input. 1 unbalanced 1/4" output. Wet/dry mix adjustment via front panel knob. Effects bypass via front panel button. All panel controls are also controllable by expression pedals or control voltages.



Alesis Q20

Reader Service No. 202

**DIMENSIONS** 6" W x 9" D x 3" H. 2 lbs.

### Moogerfooger Ring Modulator

**EFFECT TYPES** Ring modulator with voltage-controlled carrier oscillator and low frequency oscillator (LFO).

**FEATURES** Tabletop footpedal effects unit. LED input meter. ANALOG I/O: 1 unbalanced 1/4" input. 1 unbalanced 1/4" output. Wet/dry mix adjustment via front panel knob. Effects bypass via front panel button. All panel controls are also controllable by expression pedals or control voltages.

**DIMENSIONS** 6" W x 9" D x 3" H. 2 lbs.

### DIGITECH

#### Quad 4

**EFFECT TYPES** Auto-pan, chorus, delay, echo, EQ, gate, reverb.

**FEATURES** Rackmount effects unit. Input meter. 4 independent inputs and outputs.

**DIMENSIONS** 1U rackmount. 5 lbs.

#### Studio S200

**EFFECT TYPES** Auto-pan, delay, echo, EQ, reverb.

**FEATURES** Rackmount effects unit. Input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 balanced 1/4" outputs. Dual engine effects processor. 5 effect configurations. 20-bit AD/DA converter. 96dB SNR.

**DIMENSIONS** 1U rackmount. 5 lbs.

### EVENTIDE

#### DSP4000 Ultra-Harmonizer

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, enhancer, exciter, filter FX, flange, gate, overdrive, pitch shift, reverb, rotary, vocoder, wah.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 XLR inputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. 1,000ms maximum delay time. 491 presets. 20-35 user program locations. Wet/dry mix adjustment via software parameter. Effects bypass via front panel button. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump.

**DIMENSIONS** 2U rackmount. 12 lbs.

#### DSP4000B Broadcast Ultra-Harmonizer

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, enhancer, exciter, filter FX, flange, gate, overdrive, pitch shift, reverb, rotary, vocoder, wah.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 XLR inputs. 2 XLR outputs. 10,000ms maximum delay time. 460 presets. 20-35 user program locations. Wet/dry mix adjustment via software parameter. Effects bypass via front panel button. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. Optional AES/EBU and S/PDIF digital I/Os.

**DIMENSIONS** 2U rackmount. 12 lbs.

#### DSP4500 Limited Edition Ultra-Harmonizer

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, enhancer, exciter, filter FX, flange, gate, overdrive, pitch shift, reverb, rotary, vocoder, wah.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 XLR inputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. 87,000ms maximum delay time. 1,017 presets. 20-35 user program locations. Wet/dry mix adjustment via software parameter. Effects bypass via front panel button. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump.

**DIMENSIONS** 2U rackmount. 12 lbs.

#### GTR4000 GuitarPro Ultra-Harmonizer

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, enhancer, exciter, filter FX, flange, gate, overdrive, pitch shift, reverb, rotary, vocoder, wah.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 XLR inputs. 2 XLR outputs. 10,000ms maximum delay time. 461 presets. 20-35 user program locations. Wet/dry mix adjustment via software parameter. Effects bypass via front panel button. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump.

**DIMENSIONS** 2U rackmount. 12 lbs.

#### H3000B+ Broadcast Ultra-Harmonizer

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, echo, filter FX, flange, pitch shift, reverb, rotary, wah, time compression and expansion.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 XLR



**Big Briar Moogerfooger Ring Modulator**

Reader Service No. 199



**Big Briar Moogerfooger Lowpass Filter**

Reader Service No. 200

inputs. 2 XLR outputs. 1,500ms maximum delay time. 180 presets. 803 user program locations. Wet/dry mix adjustment via software parameter. Effects bypass via front panel button. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump.

**DIMENSIONS** 2U rackmount. 13 lbs.

#### H3000B/LT Broadcast-Lite Ultra-Harmonizer

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, echo, filter FX, flange, pitch shift, reverb, rotary, wah.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. 1,500ms maximum delay time. 180 presets. 804 user program locations. Wet/dry mix adjustment via software parameter. Effects bypass via front panel button. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump.

**DIMENSIONS** 2U rackmount. 13 lbs.

#### H3000D/SE Studio Enhanced Ultra-Harmonizer

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, echo, filter FX, flange, pitch shift, reverb, rotary, 3-D FX, vocoder, wah.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. 1,500ms maximum delay time. 570 presets. 409 user program locations. Wet/dry mix adjustment via software parameter. Effects bypass via front panel button. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump.

**DIMENSIONS** 2U rackmount. 13 lbs.

#### H3000D/SX Dynamic Ultra-Harmonizer

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, echo, filter FX, flange, pitch shift, reverb, rotary, wah.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. 1,500ms maximum delay time. 284 presets. 701 user program locations. Wet/dry mix adjustment via software parameter. Effects bypass via front panel button. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump.

**DIMENSIONS** 2U rackmount. 13 lbs.

#### H3500B-DFX/E Broadcast Ultra-Harmonizer

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, echo and filter FX, flange, pitch shift, reverb, rotary, 3-D FX, vocoder, wah, and Sampling (95 seconds mono/47.5 seconds stereo). Time compression and expansion.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. 95,000ms maximum delay time. 756 presets. 220 user program locations. Wet/dry mix adjustment via software parameter. Effects bypass via front panel button. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump.

**DIMENSIONS** 2U rackmount. 13 lbs.

#### H3500DFX/E Ultra-Harmonizer with Sampling

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, echo, filter FX, flange, pitch shift, reverb, rotary, 3-D FX, vocoder, wah, and Sampling (95 seconds mono/47.5 seconds stereo). Time compression and expansion.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. 95,000ms maximum delay time. 676 presets. 301 user program locations. Wet/dry mix adjustment via software parameter. Effects bypass via front panel button. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump.

**DIMENSIONS** 2U rackmount. 13 lbs.

### KAWAI

#### RV-4

**EFFECT TYPES** Auto-pan, chorus, delay, echo, EQ, flange, gate, reverb, phaser.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 8 unbalanced 1/4" inputs. 8 unbalanced 1/4" outputs. DIGITAL I/O: 1 AES/EBU I/O. 20,000ms maximum reverb time. 1,350ms maximum delay time. 50ROM/50 user presets. Wet/dry mix adjustment via realtime MIDI control and software parameter. Effects bypass via front panel button and realtime MIDI control. In and out MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 4 simultaneous controllers per program. MIDI syncing of effects.

**DIMENSIONS** 2U rackmount. 9 lbs. 15 oz.

### KLARK TEKNIK

#### DN7103 Digital Delay

**EFFECT TYPES** Delay and EQ.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 3 XLR inputs. 3 XLR outputs. Effects bypass via realtime MIDI control. In and out MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. Adjustable limiters, shelving EQ, and 2 parametric EQs on each output. Balanced inputs/outputs.

**DIMENSIONS** 1U rackmount. 9 lbs.

#### DN7204 Digital Delay

**EFFECT TYPES** Delay and EQ.

**FEATURES** Footpedal effects unit. LED input meter. ANALOG I/O: 2 XLR inputs. 4 XLR outputs. 28,000ms maximum delay time. Effects bypass via realtime MIDI control. In and out MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. Adjustable limiters, shelving EQ, and 2 parametric EQs on each output. Balanced inputs/outputs.

**DIMENSIONS** 1U rackmount. 9 lbs.

### KORG

#### AM8000R

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, filter FX, flange, gate, overdrive, pitch shift, reverb, rotary, wah, doppler, compressor, limiter, early reflection.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. 16,000ms maximum reverb time. 128/20 presets. Wet/dry mix adjustment via software parameter. Effects bypass via front panel button. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 8 simultaneous controllers per program.

**DIMENSIONS** 1U rackmount. 5.15 lbs.

#### AX1G

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, filter FX, flange, overdrive, pitch shift, reverb, wah, and sample 1, sample 2, scratch 1, scratch 2, bend, voice 1, voice 2, loop.

**FEATURES** Footpedal effects unit, input meter. ANALOG I/O: 1 unbalanced 1/4" input. 5,000ms maximum reverb time. 1,000ms maximum delay time. 30 ROM/30 user presets. Wet/dry mix adjustment via software parameter. Effects bypass via footswitch. Accepts realtime program changes. 1 simultaneous controller per program. Built-in expression pedal. Sampling. Built-in tuner.

# Vital Stats: Effects Processors

See listings on page 86.

MODEL	OPERATING LEVEL	PROCESSING/# OF CHANNELS	MAX. SIMULTANEOUS EFFECTS	MSRP
Alesis Q20	-10dBV/+4dBu and line.	Digital/stereo.	8	\$999
Alesis MicroVerb 4	-10dB	Digital/stereo.	3	\$299
Alesis MidiVerb 4	-10dB	Digital/stereo.	3	\$399
Alesis NanoVerb	-10dB	Digital/stereo.	2	\$179
Alesis Wedge	-10dBV/+4dBu.	Digital/stereo.	3	\$499
Antares Audio Technology ATR-1 Auto-Tune Intonation Processor	Line.	Digital/mono.	—	\$1,195
ART FX-1	-10dBV/+4dBu.	Digital/stereo.	3	\$159
ART Quadra/Fx	-10dBV/+4dBu.	Digital/4 processing channels.	3	\$349
Audio Centron TFX2-SRS	-10dBV/+4dBu and line.	Digital and analog/stereo.	—	\$129
Bellari RP562 Stereo Tube Sonic Exciter	+4dBu.	Analog/stereo.	—	\$440
Big Briar Moogerfooger Lowpass Filter	-10dBV/+4dBu and guitar level.	Analog	—	\$299
Big Briar Moogerfooger Ring Modulator	-10dBV/+4dBu and guitar level.	Analog/mono.	—	\$289
Digitech Quad 4	-10dBV/+4dBu switchable.	Digital/8 processing channels.	4	\$479.95
Digitech Studio S200	-10dBV/+4dBu switchable.	Digital/stereo.	2	\$ 339.95
Eventide DSP4000 Ultra-Harmonizer	-10dBV and +4dBu.	Digital/stereo.	40	\$4,995
Eventide DSP4000B Broadcast Ultra-Harmonizer	-10dBV and +4dBu.	Digital/stereo.	40	\$3,995
Eventide DSP4500 Limited Edition Ultra-Harmonizer	-10dBV and +4dBu.	Digital/stereo.	40	\$5,895
Eventide GTR4000 GuitarPro Ultra-Harmonizer	-10dBV and +4dBu.	Digital/stereo.	40	\$3,995
Eventide H3000B+ Broadcast Ultra-Harmonizer	+4dBu.	Digital/stereo.	40	\$2,995
Eventide H3000B/LT Broadcast-Lite Ultra-Harmonizer	+4dBu.	Digital/stereo.	40	\$2,495
Eventide H3000D/SE Studio Enhanced Ultra-Harmonizer	+4dBu.	Digital/stereo.	40	\$2,695
Eventide H3000D/SX Dynamic Ultra-Harmonizer	+4dBu.	Digital/stereo.	40	\$1,995
Eventide H3500B-DFX/E Broadcast Ultra-Harmonizer	+4dBu.	Digital/stereo.	40	\$4,095
Eventide H3500DFX/E Ultra-Harmonizer with Sampling	+4dBu.	Digital/stereo.	40	\$3,595
Kawai RV-4	-20/+4dB switchable.	Digital/8 processing channels.	4	\$1,197
Klark Teknik DN7103 Digital Delay	+4dBu.	Digital/3 processing channels.	3	\$1,980
Klark Teknik DN7204 Digital Delay	+4dBu.	Digital/4 processing channels.	4	\$2,460
Korg AM8000R	Line.	Digital/stereo.	4	\$600
Korg AX1G	Line.	Digital.	7	\$160
Korg AX300B	Line.	Digital.	7	\$275
Korg AX300G	Line.	Digital.	6	\$275
Korg DL8000R	Line.	Digital/stereo.	8	\$600
Korg Pandora PX2	Line.	Digital.	8	\$250
Lexicon MPX 1	-10dB/+4dB switchable operating level.	Digital/stereo.	5	\$1,299
Lexicon MPX 100	-30dBu/+4dBu.	Digital/stereo.	2	\$249
Lexicon MPX G2	-10dBV/+4dBu.	Digital and analog/stereo.	5	\$1,799
Lexicon PCM 81	-20dB/+20dBu.	Digital/stereo.	4	\$2,995
Lexicon PCM 91	-20dB/+20dBu.	Digital/stereo.	2	\$2,995
Line 6 Pod	-10dBV/+4dBu.	Digital/stereo.	3	\$399
Manley Laboratories Manley VoxBox	-10dBV/+4dBu, mic, and line.	Analog/mono.	4	\$4,000
Mutronics Mutator	+4dBu and line.	Analog/stereo.	—	\$1,125
Neotek MultiMax	-10dBV/+4dBu.	Analog/8 processing channels.	—	\$2,795
Dberheim Echoplex	Line.	Digital/mono.	—	\$999

MODEL	OPERATING LEVEL	PROCESSING/# OF CHANNELS	MAX. SIMULTANEOUS EFFECTS	MSRP
Oberheim GM-400	Guitar.	Digital/stereo.	9	\$999
Oberheim GM 1000	Guitar.	Digital/stereo.	9	\$1,899
Peavey Delta Stomp	-10dBV/+4dBu.	Digital/stereo.	—	\$159.99
Peavey Dirty Dog	Guitar.	Analog/mono.	—	\$99.99
Peavey Tube Sweetener	-10dBV/+4dBu.	Analog/stereo.	—	\$329.99
Pefftronics RAD-X Random Analogue Delay	-10dBV.	Analog/stereo.	—	\$400
Pefftronics RTSP II Random Time Shift Processor	-10dBV.	Analog/stereo.	3	\$549
Pefftronics Super Rand-O-Matic SB-101	-10dBV.	Analog/mono.	—	\$229.95
Power Technology DSP-FX Card	-10dBV.	Digital and analog/stereo.	—	\$399
Rocktron Intellifex On-Line	-10dBV/+4dBu.	Digital/stereo.	5	\$719
Rocktron Intellifex XL	-10dBV/+4dBu.	Digital/stereo.	5	\$959
Rocktron Intellipitch	-10dBV/+4dBu.	Digital/stereo.	5	\$1,079
Roland GP-100	-10dBV/+4dBu.	Digital and analog/stereo.	13	\$995
Roland SDE-330	-10dBV/+4dBu.	Digital/stereo.	—	\$995
Roland SRV-330	-10dBV/+4dBu.	Digital/stereo.	—	\$995
Roland BOSS CE-5	-10dBV.	Analog/stereo.	—	\$149.50
Roland BOSS DD-5	-10dBV.	Digital/stereo.	—	\$239.50
Roland BOSS GT-5	-10dBV/+4dBu.	Digital and analog/stereo.	15	\$995
Roland BOSS ME-30	-10dBV.	Digital and analog/stereo.	9	\$299
Roland BOSS MT-2	-10dBV.	Analog.	—	\$159.50
Roland BOSS PH-2 Super Phaser	-10dBV.	Analog/mono.	—	\$169.50
Roland BOSS PS-3	-10dBV.	Digital/stereo.	—	\$239.50
Roland BOSS RV-3	-10dBV.	Digital/stereo.	2	\$229.50
Rolls RP261 Dual Sonic Exciter	-10dBV/+4dBu.	Analog/stereo.	—	\$200
Rolls RP262 Stereo Sonic Exciter	-10dBV/+4dBu.	Analog/stereo.	—	\$200
Sony DPS-V55	-10dBV/+4dBu and line.	Digital/4 processing channels.	4	\$550
Sony DPS-V77	-10dBV/+4dBu and line.	Digital/stereo.	4	\$1,775
SPL (Sound Performance Labs) Charisma Model 9527	+6dB.	Analog/8 processing channels.	—	\$1,699
SPL (Sound Performance Labs) Classic Vitalizer/Model 9215	+6dB.	Analog/stereo.	—	\$1,099
SPL (Sound Performance Labs) De-Esser	+6dB.	Analog/stereo.	—	\$599
SPL (Sound Performance Labs) Loudness Maximizer	AES/EBU.	Digital/stereo.	—	\$3,489
SPL (Sound Performance Labs) Stereo Vitalizer Mk.II/Model 9526	+6dB.	Analog/stereo.	—	\$699
SPL (Sound Performance Labs) Tube Vitalizer Model 9530	+6dB.	Analog.	—	\$3,299
Symetrix 606 Delay F/x Machine	+4dBu.	Digital/stereo.	2	\$649
T.C. Electronic Flnalizer Plus	-6 to +26dB.	Digital/stereo.	6	\$2,895
T.C. Electronic FireworX	-10dBV/+4dBu.	Digital/stereo.	8	\$2,195
T.C. Electronic G-Force	-10dBV/+4dBu and continuously adjust.	Digital/stereo.	8	\$1,795
T.C. Electronic M2000	-10dBV/+4dBu.	Digital.	2	\$1,995
T.C. Electronic TC 1210 Spatial Expander	-10dBV/+4dBu.	Stereo.	—	\$1,684
T.C. Electronic TC 2290 Dynamic Digital Delay	-10dBV/+4dBu.	Digital/stereo.	—	\$1,995

**Check these out, too!** Leslie Simulators (page 86): Barbetta Cyclone, Motion Sound R3-147, Rocktron Multivalve.

For a fully searchable effects buyer's guide on the Web, log onto the *Music Technology Buyer's Guide Online* at [www.mtbg.com](http://www.mtbg.com). See page 129 for details.

**DIMENSIONS** 8.5" W x 7.5" D x 2.5" H. 1.6 lbs.

### AX300B

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, exciter, filter FX, flange, gate, overdrive, pitch shift, reverb, wah, early reflection, vibrato, stereo phaser, bender, noise reduction, random step filter, percussion, compressor.

**FEATURES** Footpedal effects unit. LED input meter. ANALOG I/O: 1 unbalanced 1/4" input. 2 unbalanced 1/4" outputs. 10,000ms maximum reverb time. 1,000ms maximum delay time. 60 ROM/32 user presets. Wet/dry mix adjustment via software parameter. Effects bypass via software parameter and footswitch. Accepts realtime program changes. 1 simultaneous controller per program. Headphone jack, tuner, built-in pressure pedal for parameter control.

**DIMENSIONS** 16-1/8" W x 6-1/4" D x 1-5/8" H. 2.87 lbs.

### AX300G

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, exciter, filter FX, flange, gate, overdrive, pitch shift, reverb, rotary wah, hyper resonator, bender, random step filter, amp simulator, ring modulator, noise reduction, vibrato.

**FEATURES** Footpedal effects unit. LED input meter. ANALOG I/O: 1 unbalanced 1/4" input. 2 unbalanced 1/4" outputs. 10,000ms maximum reverb time. 1,000ms maximum delay time. 100 ROM/32 user presets. Wet/dry mix adjustment via software parameter. Effects bypass via software parameter and footswitch. Accepts realtime program changes. 1 simultaneous controller per program. Built-in tuner, built-in pressure pedal for parameter control, headphone jack.

**DIMENSIONS** 16-1/8" W x 6-1/11" D x 1-5/8" H. 2.87 lbs.

### DL8000R

**EFFECT TYPES** Chorus, delay, distortion, EQ, flange, tap tempo, trigger, hold delay functions, internal mixer, 8 delay taps (4 left + 4 right), 5 selectable LFO wave forms.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. 20/128 presets. Wet/dry mix adjustment via software parameter. Effects bypass via front panel button, realtime MIDI control, software parameter, and footswitch. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 16 simultaneous controllers per program.

**DIMENSIONS** 1U rackmount. 5.15 lbs.

### Pandora PX2

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, flange, gate, overdrive, pitch shift, reverb, wah, random step filter.

**FEATURES** Tabletop effects unit. Input meter. ANALOG I/O: 1 unbalanced 1/4" input. 5,000ms maximum reverb time. 1,000ms maximum delay time. 38 presets. Wet/dry mix adjustment via software parameter. Effects bypass via front panel button and software parameter. Built-in tuner. 32 built-in rhythm patterns. Hi/Lo switch for CD or Tape Aux In. Headphone jack. AC or battery operation.

**DIMENSIONS** 5" W x 1" D x 2-9/16" H. 6.125 lbs.

## LEXICON

### MPX 1

**EFFECT TYPES** Reverb, chorus, pitch, EQ, modulation, delay.

**FEATURES** Rackmount effects unit. Input meter. -10dB/+4dB switchable operating level. 1/4" and XLR ins and outs, S/PDIF digital I/O. Discrete stereo processing. 57 algorithms, 5 simultaneous, 200 presets, 50 user programs. Wet/dry mix adjustment via front panel knob, realtime MIDI control, and software parameter. Effects bypass via front panel button, realtime MIDI control, software parameter, and footswitch. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump.

**DIMENSIONS** 1U rackspace. 6 lbs. 2 oz.

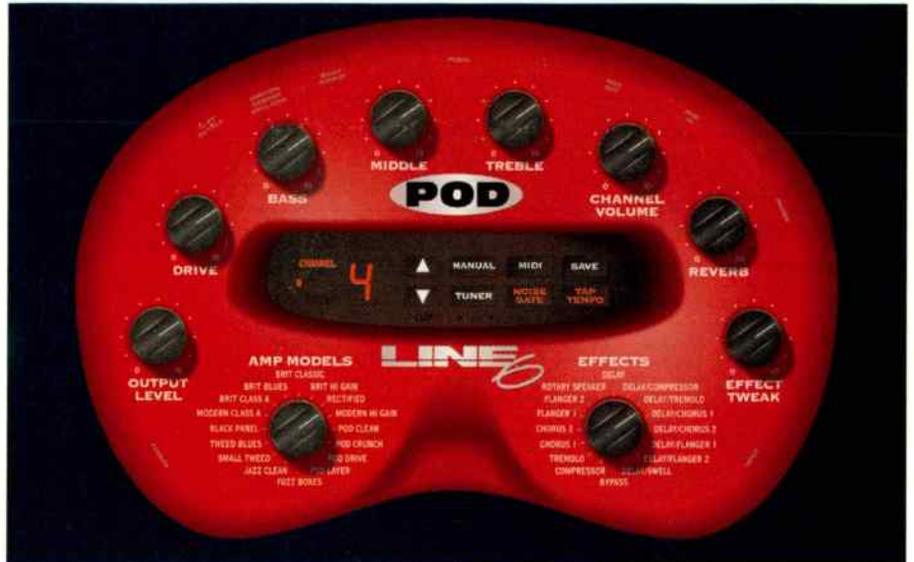
### MPX 100

**EFFECT TYPES** Auto-pan, chorus, delay, echo, flange, pitch shift, reverb, rotary, detune.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. DIGITAL I/O: 1 coaxial (RCA) output. 5.7sec maximum delay time. 240 presets. 16 user program locations. Wet/dry mix adjustment via front panel knob and realtime MIDI control. Effects bypass via front panel button, realtime MIDI control, and footswitch. In and out/thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 5 simultaneous controllers per program. Tap-tempo, 24-bit internal processing, 20-bit A/D-D/A converters, 4 routing configurations: dual stereo (parallel), cascade, mono split, and dual mono.

**DIMENSIONS** 1U rackmount. 2 lbs. 2 oz.

### MPX G2



### Line 6 Pod

**EFFECT TYPES** Chorus, delay, distortion, echo, filter FX, flange, overdrive, pitch shift, reverb, rotary, wah, parametric EQ, detuner, pitch shift, tremolo.

**FEATURES** Rackmount effects unit. Input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 balanced 1/4" outputs. 2 XLR outputs. 20,000ms maximum delay time. 250 presets. 50 user program locations. Wet/dry mix adjustment via front panel knob, realtime MIDI control, and software parameter. Effects bypass via front panel button, realtime MIDI control, and footswitch. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 7 simultaneous controllers per program.

**DIMENSIONS** 2U rackmount.

### PCM 81

**EFFECT TYPES** Flange, pitch shift, reverb, multiband EQ, glide, resonator, inverse reverb, 6-voice chorus.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU input, 2 AES/EBU output. 1 coaxial (RCA) input, 2 coaxial (RCA) output. 20,000ms maximum delay time. 300 presets. 50 user program locations. Wet/dry mix adjustment via front panel knob, realtime MIDI control, and software parameter. Effects bypass via front panel button, realtime MIDI control, software parameter, and footswitch. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 10 simultaneous controllers per program.

**DIMENSIONS** 19" W x 12" D x 1.75" H. 6.4 lbs.

### PCM 91 Digital Reverberator

**EFFECT TYPES** Reverb.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. 450 presets. 100 user program locations. Wet/dry mix adjustment via front panel knob, realtime MIDI control, and software parameter. Effects bypass via front panel button, realtime MIDI control, and footswitch. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 10 simultaneous controllers per program.

**DIMENSIONS** 19" W x 12" D x 1.75" H. 6.4 lbs.

## LINE 6

### Pod

**EFFECT TYPES** Chorus, delay, distortion, echo, flange, gate, overdrive, reverb, rotary, wah, tremolo, tube amplifier emulation.

**FEATURES** Tabletop effects unit. ANALOG I/O: 1 unbalanced 1/4" input. 2 balanced 1/4" outputs. 20,000ms maximum reverb time. 3,140ms maximum delay time. 36 presets. 36 user program locations. Wet/dry mix adjustment via realtime MIDI control. Effects bypass via front panel button and realtime MIDI control. In and out MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 12 simultaneous controllers per program. Includes CD-ROM with PC/Mac editing software.

**DIMENSIONS** 10-1/2" W x 7" D x 3" H. 2.5 lbs.

Reader Service No. 201

## MANLEY LABORATORIES

### Manley VoxBox

**EFFECT TYPES** EQ, micpre, compressor, EQ, DeEsser/limiter.

**FEATURES** Rackmount effects unit. VU input meter. ANALOG I/O: 1 balanced 1/4" input. 2 unbalanced 1/4" inputs. 2 XLR inputs. 22 unbalanced 1/4" outputs. 2 XLR outputs. Effects bypass via front panel button. 5-way onboard metering.

**DIMENSIONS** 3U rackmount. 21 lbs.

## MUTRONICS

### Mutator

**EFFECT TYPES** Auto-pan, filter FX, gate.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. Effects bypass via front panel button. In, out, and thru MIDI connectors.

**DIMENSIONS** 3U rackmount. 14.3 lbs.

## NEOTEK

### MultiMax

**EFFECT TYPES** Surround Sound monitoring for analog and digital consoles.

**FEATURES** Rackmount effects unit. No input meter. Remote Control.

**DIMENSIONS** 1U rackmount. 2 lbs.

## OBERHEIM

### Echoplex

**EFFECT TYPES** Delay, echo. Phrase sampler (50 seconds of memory, upgradable to 200 seconds.)

**FEATURES** Rackmount effects unit. Input meter. ANALOG I/O: 1 unbalanced 1/4" input. 1 unbalanced 1/4" output. In and out MIDI connectors. Phrase sampler (50 seconds of memory, upgradable to 200 seconds.) Can be controlled by optional EFC-7 pedal.

**DIMENSIONS** 1U rackmount.

### GM-400

**EFFECT TYPES** Auto-wah, chorus, delay, distortion, echo, EQ, filter FX, flange, gate, pitch shift, reverb, wah, compressor, limiter, reverb, amp simulation, tremolo, vibrato.

**FEATURES** Rackmount effects unit. Input meter. ANALOG I/O: 2 balanced 1/4" inputs. 1 unbalanced 1/4" input. 2 balanced 1/4" outputs. 128 presets. 384 user program locations. Effects bypass via front panel button, realtime MIDI control, and footswitch. In, out, and thru MIDI connectors. Performs MIDI Bulk dump. Can be controlled by optional EFC-7 pedal.

**DIMENSIONS** 1U rackmount.

### GM 1000

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, filter FX, flange, gate, overdrive, pitch shift, reverb, rotary, wah, ring modulation, noise gate, limiter, expander, amp simulation, de-esser, ducker.

**FEATURES** Rackmount effects unit. Input meter. ANALOG I/O: 2 balanced 1/4" inputs. 1 unbalanced 1/4" input. 2 XLR inputs. 2 balanced 1/4" outputs. 2 XLR outputs. 128 presets. 512 user program locations.

Effects bypass via front panel button, realtime MIDI control, and footswitch. In, out, and thru MIDI connectors. Performs MIDI Bulk dump. 31-band realtime spectrum analyzer.

**DIMENSIONS** 2U rackmount.

## PEAVEY

### Delta Stomp

**EFFECT TYPES** Auto-wah, chorus, delay, flange, pitch shift, reverb, rotary, wah, tremolo, volume swell, phaser.

**FEATURES** Footpedal effects unit. ANALOG I/O: 1 unbalanced 1/4" input. 2 unbalanced 1/4" outputs. Wet/dry mix adjustment via front panel knob. Effects bypass via footswitch. Optional CV pedal will vary volume, delay time, wah, rotary speaker speed morph.

### Dirty Dog

**EFFECT TYPES** Dual-channel distortion pedal.

**FEATURES** Footpedal effects unit. ANALOG I/O: 1 unbalanced 1/4" input. 1 unbalanced 1/4" output. Effects bypass via footswitch.

### Tube Sweetener

**EFFECT TYPES** Tube warmth simulation.

**FEATURES** Rackmount effects unit. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 RCA inputs. 2 unbalanced 1/4" outputs. 2 RCA outputs. Effects bypass via front panel button. 3 knobs per channel control: saturation, tone, and level.

## PEFFTRONICS

### RAD-X Random Analogue Delay

**EFFECT TYPES** Auto-pan, delay, filter FX, Random, triangle, mixed modulation FX. Independent CV inputs/outputs. Selectable beat divisions for delay.

**FEATURES** Rackmount effects unit. Input meter. 500ms maximum delay time.

**DIMENSIONS** 1U rackmount.

### RTSP II Random Time Shift Processor

**EFFECT TYPES** Chorus, delay, flange.

**FEATURES** Rackmount effects unit. Input meter. Wet/dry mix adjustment via front panel knob. MIDI in connector. Anti-aliasing filters.

**DIMENSIONS** 1U rackmount.

### Super Rand-O-Matic SB-101

**EFFECT TYPES** Chorus, delay, flange, phase shifting.

**FEATURES** Footpedal effects unit. Wet/dry mix adjustment via front panel knob. Effects bypass via footswitch. Controls for mix, delay feedback, range, chorus depth/rate, random/triangle waveform, random activity probable amount level.

## POWER TECHNOLOGY

### DSP-FX Card

**EFFECT TYPES** Auto-pan, chorus, delay, echo, EQ, filter FX, flange, pitch shift, reverb.

**FEATURES** Tabletop effects unit. Input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. 10,000ms maximum reverb time. 2,700ms maximum delay time. 300 presets. 10,000 user program locations. Wet/dry mix adjustment via front panel knob, realtime MIDI control, and software parameter. Effects bypass via software parameter. Accepts realtime program changes.

**DIMENSIONS** ISA card.

## ROCKTRON

### Intellifex On-Line

**EFFECT TYPES** Chorus, delay, EQ, pitch shift, reverb, noise reduction, ducking.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. 600,000ms maximum reverb time. 1,500ms maximum delay time. 160 presets. 80 user program locations. Wet/dry mix adjustment via realtime MIDI control and software parameter. Effects bypass via front panel button. In and out/thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 8 simultaneous controllers per program.

**DIMENSIONS** 1U rackmount. 9 lbs.

### Intellifex XL

**EFFECT TYPES** Chorus, delay, EQ, pitch shift, reverb, noise reduction, ducking.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. 600,000ms maximum reverb time. 3,440ms maximum delay time. 160 presets. 80 user program locations. Wet/dry mix adjustment via realtime MIDI control and software parameter. Effects bypass via front

panel button. In and out/thru MIDI connectors. 8 simultaneous controllers per program.

**DIMENSIONS** 1U rackmount. 9 lbs.

### Intellipitch

**EFFECT TYPES** Chorus, delay, pitch shift, reverb, noise reduction, ducking.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. 600,000ms maximum reverb time. 1,500ms maximum delay time. 160 presets. 80 user program locations. Wet/dry mix adjustment via realtime MIDI control and software parameter. Effects bypass via front panel button. In and out/thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 8 simultaneous controllers per program.

**DIMENSIONS** 1U rackmount. 9 lbs.

## ROLAND

### BOSS CE-5

**EFFECT TYPES** Chorus.

**FEATURES** Footpedal effects unit. Input meter. ANALOG I/O: 1 unbalanced 1/4" input. 2 unbalanced 1/4" outputs. Wet/dry mix adjustment via front panel knob. Effects bypass via footswitch. 2-band tone controls.

**DIMENSIONS** 2-5/8" W x 2-1/8" D x 4-3/4" H.

### BOSS DD-5

**EFFECT TYPES** Auto-pan, tap-tempo delay, reverse delay, infinite repeat.

**FEATURES** Footpedal effects unit. ANALOG I/O: 1 unbalanced 1/4" input. 2 unbalanced 1/4" outputs. 2,000ms maximum delay time. Wet/dry mix adjustment via front panel knob. Optional accessories: FS-5U or DP-2 momentary switch for tempo input.

### BOSS GT-5

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, filter FX, flange, gate, overdrive, pitch shift, reverb, rotary, subharmonic FX, wah, slow gear, feedbacker, comp/limiter, phaser, humanizer (vowel effect), ring modulator, acoustic guitar simulator, guitar synth.

**FEATURES** Footpedal effects unit. LED input meter. ANALOG I/O: 1 unbalanced 1/4" input. 2 unbalanced 1/4" outputs. 10,000ms maximum reverb time. 1,800ms maximum delay time. 250 presets. 100 user program locations. Wet/dry mix adjustment via front panel knob, realtime MIDI control, and software parameter. Effects bypass via front panel button, realtime MIDI control, software parameter, and footswitch. In and out/thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 10 simultaneous controllers per program. Up to 10 parameters controllable in real time with built-in expression and control pedal. Built-in chromatic tuner. Optional Accessories: EV-5 Expression Pedal, DP-2 or FS-5U momentary pedal.

**DIMENSIONS** 20-1/2" W x 8-3/4" D x 4-1/2" H. 10 lbs. 6 oz.

### BOSS ME-30

**EFFECT TYPES** Auto-pan, chorus, delay, distortion, echo, EQ, filter FX, flange, overdrive, pitch shift, reverb, wah, comp/limiter, phaser, tremolo, ring modulator, volume pedal, amp simulator, noise suppressor, chromatic tuner.

**FEATURES** Footpedal effects unit. ANALOG I/O: 1 unbalanced 1/4" input. 2 unbalanced 1/4" outputs. 10,000ms maximum reverb time. 2,000ms maximum delay time. 60 presets. 30 user program locations. Wet/dry mix adjustment via software parameter. Effects bypass via front panel button, software parameter, and footswitch. Onboard phrase trainer can record up to 12 seconds of audio and play back at slower speeds without altering pitch.

**DIMENSIONS** 12-1/16" W x 8-1/8" D x 2-3/16" H. 3 lbs. 5 oz.

### BOSS MT-2

**EFFECT TYPES** Distortion.

**FEATURES** Footpedal effects unit. ANALOG I/O: 1 unbalanced 1/4" input. 1 unbalanced 1/4" output. Wet/dry mix adjustment via front panel knob. Effects bypass via footswitch.

### BOSS PH-2

**EFFECT TYPES** 2 mode, 12 stage phase shifter.

**FEATURES** Footpedal effects unit. Input meter. ANALOG I/O: 1 unbalanced 1/4" input. 1 unbalanced 1/4" output. Wet/dry mix adjustment via front panel knob. Effects bypass via footswitch.

### BOSS PS-3

**EFFECT TYPES** Delay, pitch shift.

**FEATURES** Footpedal effects unit. Input meter. ANALOG I/O: 1 unbalanced 1/4" input. 2 unbalanced 1/4" outputs. 2,000ms maximum delay time. Wet/dry mix adjustment via front panel knob. Effects bypass via footswitch. Whammy bar effect with optional EV-5 Expression Pedal.

### BOSS RV-3

**EFFECT TYPES** Delay, reverb.

**FEATURES** Footpedal effects unit. ANALOG I/O: 1 unbalanced 1/4" input. 2 unbalanced 1/4" outputs. 10,000ms maximum reverb time. 2,000ms maximum delay time. Wet/dry mix adjustment via front panel knob. Effects bypass via footswitch.

### GP-100

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, flange, gate, overdrive, pitch shift, reverb, rotary, wah.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 4 unbalanced 1/4" outputs. 10,000ms maximum reverb time. 2,000ms maximum delay time. 400 presets. 200 user program locations. Wet/dry mix adjustment via front panel knob, realtime MIDI control, and software parameter. Effects bypass via front panel button, realtime MIDI control, software parameter, and footswitch. In and out/thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 16 simultaneous controllers per program. Knobs for real-time control of preamp input, volume, bass, mid, treble, presence, master volume, and output. 2 programmable stereo effect send/returns. Headphone jack. Built-in chromatic tuner. Optional accessories: FC-200 MIDI foot controller, EV-5 expression pedal, FS-300L Volume/Expression pedal, DP-2 or FS-5U momentary pedal.

**DIMENSIONS** 1U rackmount. 3 lbs. 1 oz.

### SDE-330

**EFFECT TYPES** Delay, echo, and 3-D FX.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. 2,900ms maximum delay time. Wet/dry mix adjustment via front panel knob. Effects bypass via front panel button and footswitch. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 5 simultaneous controllers per program.

**DIMENSIONS** 1U rackmount. 8 lbs. 7 oz.

### SRV-330

**EFFECT TYPES** Reverb, 3-D FX.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. 10,000ms maximum reverb time. 200 ROM/200 user presets. Wet/dry mix adjustment via front panel knob. Effects bypass via front panel button and footswitch. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 5 simultaneous controllers per program.

**DIMENSIONS** 19" W x 12.1" D x 1.75" H. 8 lbs. 7 oz.

## ROLLS

### RP261 Dual Sonic Exciter

**EFFECT TYPES** Enhancer and exciter.

**FEATURES** Rackmount effects unit. Input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 RCA inputs. 2 XLR inputs. 2 unbalanced 1/4" outputs. 2 RCA outputs. 2 XLR outputs.

**DIMENSIONS** 1U rackmount. 7 lbs.

### RP262 Stereo Sonic Exciter

**EFFECT TYPES** Enhancer, exciter, subharmonic FX.

**FEATURES** Rackmount effects unit. Input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 RCA inputs. 2 XLR inputs. 2 unbalanced 1/4" outputs. 2 RCA outputs. 2 XLR outputs. Effects bypass via front panel button.

**DIMENSIONS** 1U rackmount. 7 lbs.

## SONY

### DPS-V55

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, enhancer, exciter, filter FX, flange, gate, overdrive, pitch shift, reverb, rotary, 3-D FX, vocoder, wah, sampling, vocal cancellation, compressor, limiter, doppler.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. 50,000ms maximum reverb time. 2,700ms maximum delay time. 200 presets. 200 user program locations. Wet/dry mix adjustment via software parameter. Effects bypass via front panel button, realtime MIDI control, and software parameter. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 4-channel 3D/surround algorithms. 20-bit A/D/A. 52-bit internal DSP. Series and parallel routing modes.

**DIMENSIONS** 2U rackmount. 5 lbs.

**DPS-V77**

**EFFECT TYPES** Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, enhancer, exciter, filter FX, flange, gate, overdrive, pitch shift, reverb, subharmonic FX, 3-D FX, vocoder, wah, mastering presets. SMPTE frame delays.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 XLR inputs. 2 unbalanced 1/4" outputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. 99,000ms maximum reverb time. 10,400ms maximum delay time. 198 presets. 198 user program locations. Wet/dry mix adjustment via front panel knob, realtime MIDI control, and software parameter. Effects bypass via front panel button, realtime MIDI control, and software parameter. In and out/thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 24-bit A/D, 20-bit D/A. 52-bit internal DSP. Dedicated EQ per effects block. Parallel/sens configuration. Graphic interface LCD display.

**DIMENSIONS** 1U rackmount. 12 lbs.

**SPL (SOUND PERFORMANCE LABS)****Charisma Model 9527**

**EFFECT TYPES** Enhancer, tube drive saturation, soft/hard knee waveform control.

**FEATURES** Rackmount effects unit. ANALOG I/O: 8 balanced 1/4" inputs. 8 balanced 1/4" outputs. Effects bypass via front panel button. Effects bypass buttons for each channel (8 total). Available in 2-channel version (\$799).

**DIMENSIONS** 2U rackmount.

**Classic Vitalizer/Model 9215**

**EFFECT TYPES** Enhancer, low frequency bass enhancement, stereo expansion, harmonic equalization.

**FEATURES** Rackmount effects unit. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 XLR outputs. Effects bypass via front panel button. Independent dual-channel operation.

**DIMENSIONS** 1U rackmount. 7-1/2 lbs.

**De-Esser**

**EFFECT TYPES** De-esser.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 XLR outputs. Effects bypass via front panel button. Auto threshold/phase-manipulated de-essing.

**DIMENSIONS** 1U rackmount. 7 lbs., 8 oz.

**Stereo Vitalizer Mk.II/Model 9526**

**EFFECT TYPES** Enhancer, stereo expansion, harmonic equalization.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 XLR outputs. Effects bypass via front panel button. Peak LED input meter. User switchable 220V/50CY operation.

**DIMENSIONS** 1U rackmount. 6 lbs., 3 oz.

**Tube Vitalizer Model 9530**

**EFFECT TYPES** Enhancer, tube and large coil filtering, low frequency and harmonic tone enhancement.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 XLR outputs. Effects bypass via front panel button. Peak LED input meter. Matched E83CC tubes. ALPS pots. IYF capacitors.

**DIMENSIONS** 2U rackmount. 10 lbs., 12 oz.

**SYMETRIX****606 Delay F/x Machine**

**EFFECT TYPES** Auto-pan, chorus, delay, echo, filter FX, flange, overdrive, rotary, 3-D FX.

**FEATURES** Rackmount effects unit. LED input meter. 2.6sec maximum delay time. 10 ROM presets. 99 user program locations. Wet/dry mix adjustment via front panel knob and realtime MIDI control. Effects bypass via realtime MIDI control. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 6 independent modulation sources. Dual input modes for 2 separate delay lines or series patch.

**DIMENSIONS** 1U rackmount. 5 lbs.

**T.C. ELECTRONIC****Finalizer Plus**

**EFFECT TYPES** EQ, gate, compression, limiting, normalizing, stereo width adjustment, digital radiance generator.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 optical I/O. 2 coaxial (RCA) I/O. 1 ADAT I/O. 28 ROM/128 user presets. Effects bypass via front panel button and realtime MIDI control. In, out, and thru MIDI connectors. Performs MIDI Bulk dump. 1

simultaneous controller per program. Sample rate conversion. BNC word clock input.

**DIMENSIONS** 1U rackmount. 5 lbs. 3 oz.

**FireworX**

**EFFECT TYPES** Auto-pan, chorus, delay, distortion, echo, EQ, filter FX, flange, gate, overdrive, pitch shift, reverb, rotary, vocoder, synthesizer, noise generator.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 optical I/O. 2 coaxial (RCA) I/O. 1 ADAT I/O. 20,000ms maximum reverb time. 1,350ms maximum delay time. 200 presets. Wet/dry mix adjustment via front panel knob and realtime MIDI control. Effects bypass via front panel button, realtime MIDI control, and footswitch. In, out, and thru MIDI connectors. Performs MIDI Bulk dump. 8 simultaneous controllers per program. BNC word clock input. External device insert.

**DIMENSIONS** 19" W x 8" D x 1-3/4" H. 5 lbs. 3 oz.

**G-Force**

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 balanced 1/4" inputs. 2 balanced 1/4" outputs. DIGITAL I/O: 2 coaxial (RCA) I/O. 100 user program locations. Wet/dry mix adjustment via realtime MIDI control and software parameter. Effects bypass via front panel button, realtime MIDI control, and footswitch. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 8 simultaneous controllers per program. Discrete stereo processing.

**DIMENSIONS** 1U rackmount. 6 lbs.

**Loudness Maximizer**

**EFFECT TYPES** Compressor/limiter

**FEATURES** Rackmount effects unit. LED input meter. DIGITAL I/O: AES/EBU I/O. Effects bypass via front panel button. In and thru MIDI connectors. Accepts realtime program changes. RS232/RS422 interface. Word clock.

**DIMENSIONS** 1U rackmount. 10 lbs., 13 oz.

**M2000**

**EFFECT TYPES** Delay, reverb, ambience, pitch, dynamics, more.

**FEATURES** Rackmount effects unit. LED input meter. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 optical I/O. 128 user program locations. Wet/dry mix adjustment via front panel knob and realtime MIDI control. Effects bypass via front panel button, realtime MIDI control, and footswitch. In, out, and thru MIDI connectors. Accepts realtime program changes. Performs MIDI Bulk dump. 8 simultaneous controllers per program. Discrete stereo processing.

**DIMENSIONS** 1U rackmount. 6 lbs.

**TC 1210 Spatial Expander**

**EFFECT TYPES** Delay.

**FEATURES** Rackmount effects unit. Input meter. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 XLR outputs.

**DIMENSIONS** 1U rackmount. 8 lbs.

**TC 2290 Dynamic Digital Delay**

**EFFECT TYPES** Delay.

**FEATURES** Rackmount effects unit. Input meter. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 XLR outputs.

**DIMENSIONS** 2U rackmount. 14 lbs.

# Dynamics Processors

See chart on page 94.

**ALESIS****3630 Compressor**

**FEATURES** Rackmount analog processor. Dual linkable noise gates, peak/RMS, and hard/soft-knee operation, dual 12-segment gain reduction and I/O meters, sidechain for ducking and de-essing.

**DIMENSIONS** 1U rackmount. 2-1/2 lbs.

**NanoCompressor**

**FEATURES** Rackmount analog processor. Dual linkable noise gates, peak/RMS, and hard/soft-knee operation, dual 6-segment gain reduction and I/O meters, sidechain for ducking and de-essing.

**DIMENSIONS** 1/3U rackmount. 1-1/4 lbs.

**ART****Dual Loader**

**FEATURES** Rackmount analog processor. ANALOG I/O: 1 balanced 1/4" input. 1 XLR input. 1 balanced 1/4" output. 1 XLR output. Manual threshold adjustment. -40 to +10dB threshold range. Auto attack time adjustment. Manual release time adjustment. Manual ratio adjustment. 2:3 to 1/6:1 ratio range. Auto input level adjustment. Manual output level adjustment. Channels linkable. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 5.5 lbs.

**Pro Gate**

**FEATURES** Rackmount analog processor. ANALOG I/O: 8 balanced 1/4" inputs. 8 balanced 1/4" outputs. Manual threshold adjustment. -50 to +16dB threshold range. Manual release time adjustment. Sidechain. Channels linkable. Trigger input. MIDI control. Preset programs. Effects bypass switch.

**DIMENSIONS** 2U rackmount. 11 lbs.

**Pro VLA**

**FEATURES** Rackmount analog processor. VU input meter. ANALOG I/O: 1 balanced 1/4" input. 1 XLR input. 1 balanced 1/4" output. 1 XLR output. Manual threshold adjustment. -20 to +20dB threshold range. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. Auto input level adjustment. Manual output level adjustment. Channels linkable. Effects bypass switch.

**DIMENSIONS** 2U rackmount. 9 lbs.

**Tube Compressor**

**FEATURES** Tabletop processor. ANALOG I/O: 1 balanced 1/4" input. 1 XLR input. 1 balanced 1/4" output. 1 XLR output. Manual threshold adjustment. Auto attack time adjustment. Manual release time adjustment. Manual ratio adjustment. Auto input level adjustment. Manual output level adjustment. Effects bypass switch.

**DIMENSIONS** 5.5" W x 5" D x 2" H. 1.5 lbs.

**Tube PAC**

**FEATURES** Rackmount analog processor. ANALOG I/O: 1 unbalanced 1/4" input. 1 XLR input. 1 unbalanced 1/4" output. 1 XLR output. Manual threshold adjustment. -40 to +10dB threshold range. Auto attack time adjustment. Manual release time adjustment. Manual ratio adjustment. 2:3 to 6:1 ratio range. Auto input level adjustment. Manual output level adjustment. Mic preamps. Effects bypass switch.

**DIMENSIONS** 8.5" W x 5.25" D x 1.65" H. 6 lbs.

**ASHLY AUDIO****CLX-52**

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4-inch outputs. 2 XLR outputs. Manual threshold adjustment. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. Manual input level adjustment. Manual output level adjustment. Sidechain. Channels linkable. Hard/soft-knee compression. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 8 lbs.

**AUDIOCONTROL INDUSTRIAL****SA-3051 Realtime Spectrum Analyzer**

**FEATURES** Rackmount spectrum processor.

**DIMENSIONS** 3U rackmount. 8 lbs.

**BARBETTA ELECTRONICS****Channel One**

**FEATURES** Rackmount analog processor. VU input meter. ANALOG I/O: 1 balanced 1/4" input. 1 XLR input. 1 balanced 1/4" output. 1 XLR output. Manual threshold adjustment. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. Manual input level adjustment. Manual output level adjustment. Hard/soft-knee compression. Mic preamps. Effects bypass switch.

**DIMENSIONS** 1U rackmount.

**BELLARI****LA120 Tube Compressor/Limiter**

**FEATURES** Tabletop processor. VU input meter. ANALOG I/O: 1 unbalanced 1/4" input. 1 XLR input. 1 unbalanced 1/4" output. 1 XLR output. Manual threshold adjustment. -20 to +20dB threshold range. Auto attack time adjustment. Auto release time adjustment. Auto ratio adjustment. Auto input level adjustment. Manual output level adjustment. Effects bypass switch.

**DIMENSIONS** 7.6" W x 5.4" D x 1.6" H. 2.5 lbs.

### RP583 Studio Tube Compressor/Limiter

**FEATURES** Rackmount all-tube processor. VU input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 XLR inputs. 2 unbalanced 1/4" outputs. 2 XLR outputs. Manual threshold adjustment. -20 to +20dB threshold range. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. 2:1 to infinity. Auto input level adjustment. Manual output level adjustment. Sidechain. Channels linkable. Effects bypass switch.

**DIMENSIONS** 2U rackmount. 7.5 lbs.

#### CALREC

### RQD6400

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 XLR inputs. Manual threshold adjustment. Manual ratio adjustment. Manual output level adjustment. Sidechain. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 25 lbs.

### RQP3200

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 XLR inputs. Manual threshold adjustment. Manual ratio adjustment. Manual output level adjustment. Sidechain. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 25 lbs.

#### CEDAR AUDIO

### AZ-1 Series II

**EFFECT TYPES** Azimuth corrector.

**FEATURES** Rackmount digital processor. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. Effects bypass switch.

**DIMENSIONS** 2U rackmount. 24 lbs.

### CR-1 Series II

**EFFECT TYPES** Decrackler/debuzzer.

**FEATURES** Rackmount digital processor. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. Effects bypass switch.

**DIMENSIONS** 2U rackmount. 24 lbs.

### CRX

**EFFECT TYPES** Decrackler.

**FEATURES** Rackmount digital processor. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O.

**DIMENSIONS** 1U rackmount. 12 lbs.

### DC-1 Series II

**EFFECT TYPES** Declicker.

**FEATURES** Rackmount digital processor. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. Effects bypass switch.

**DIMENSIONS** 2U rackmount. 24 lbs.

### DCX

**EFFECT TYPES** Declicker.

**FEATURES** Rackmount digital processor. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O.

**DIMENSIONS** 1U rackmount. 12 lbs.

### DH-1 Series II

**FEATURES** Rackmount digital processor. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. Effects bypass switch.

**DIMENSIONS** 2U rackmount. 24 lbs.

### DHX

**EFFECT TYPES** Dehisser.

**FEATURES** Rackmount digital processor. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 12 lbs.

#### CRANE SONG

### STC-8

**FEATURES** Rackmount analog processor. VU input meter. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. Manual threshold adjustment. Manual attack time adjustment. Manual release time adjustment. Auto ratio adjustment. 1:1 to 20:1 ratio range. Manual input level adjustment. Manual output level adjustment. Sidechain. Channels linkable. Hard/soft-knee compression. Preset programs. Effects bypass switch.

**DIMENSIONS** 2U rackmount. 17 lbs.

### Trakker

**FEATURES** Rackmount analog processor. VU input meter. ANALOG I/O: 1 XLR input. 1 XLR output. Manual threshold adjustment. Manual attack time adjustment. Manual release time adjustment. Auto ratio adjustment. Man-

ual input level adjustment. Manual output level adjustment. Sidechain. Channels linkable. Hard/soft-knee compression. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 13 lbs.

#### DBX PROFESSIONAL

### DDP

**FEATURES** Rackmount digital processor. VU input meter. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 XLR outputs. DIGITAL I/O: AES/EBU I/O, coaxial (RCA) I/O. Manual threshold adjustment. +4 to -60dB threshold range. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. 1:1 to 40:1 ratio range. Manual input level adjustment. Manual output level adjustment. Sidechain. Channels linkable. Hard/soft-knee compression. Trigger input. MIDI control. Preset programs. Effects bypass switch.

**DIMENSIONS** 1U rackmount.

### MC6

**FEATURES** Tabletop processor. ANALOG I/O: 2 balanced 1/4" inputs. 2 balanced 1/4" outputs. Automatic threshold adjustment. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. Manual input level adjustment. Manual output level adjustment. Channels linkable. Hard/soft-knee compression. Effects bypass switch.

#### EBTECH

### HE-2 PKG Hum Eliminator

**FEATURES** Tabletop processor. ANALOG I/O: 2 balanced 1/4" inputs. 2 balanced 1/4" outputs.

**DIMENSIONS** 4.25" W x 3.5" D x 1.4" H. 1 lb.

### HE-8 Hum Eliminator

**FEATURES** Rackmount digital processor. ANALOG I/O: 8 balanced 1/4" inputs. 8 balanced 1/4" outputs.

**DIMENSIONS** 1U rackmount. 6 lbs.

### LLS-2 PKG Line Level Shifter

**FEATURES** Tabletop processor. ANALOG I/O: 2 balanced 1/4-inch inputs. 2 balanced 1/4" outputs.

**DIMENSIONS** 4.25" W x 3.5" D x 1.4" H. 1 lb.

### LLS-8 Line Level Shifter

**FEATURES** Rackmount digital processor. ANALOG I/O: 8 balanced 1/4" inputs. 8 balanced 1/4" outputs.

**DIMENSIONS** 1U rackmount. 6 lbs.

#### EMPIRICAL LABS

### EL8 Distressor

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 XLR outputs. Automatic threshold adjustment. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. 1:1 to 30:1 ratio range. Manual input level adjustment. Manual output level adjustment. Sidechain. Channels linkable. Hard/soft-knee compression. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 14 lbs.

#### ESOTERIC SOUND

### Surface Noise Reducer

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 RCA inputs. 2 RCA outputs. Manual threshold adjustment. Manual output level adjustment. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 5 lbs.

#### FOCUSRITE

### Green 4

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. Manual threshold adjustment. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. Manual input level adjustment. Manual output level adjustment. Sidechain. Channels linkable. Hard/soft-knee compression. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 8 lbs.

### Green 6

**FEATURES** Rackmount analog processor. ANALOG I/O: 4 balanced 1/4" inputs. 4 balanced 1/4" outputs. Manual threshold adjustment. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. Manual input level adjustment. Manual output level adjustment. Sidechain. Channels linkable. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 8 lbs.

### Red 3

**FEATURES** Rackmount analog processor. VU input meter. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. Manual threshold adjustment. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. Manual input level adjustment. Manual output level adjustment. Sidechain. Channels linkable.

**DIMENSIONS** 2U rackmount. 24 lbs.

### Red 7

**FEATURES** Rackmount analog processor. VU input meter. ANALOG I/O: 1 XLR input. 1 XLR output. Manual threshold adjustment. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. Manual input level adjustment. Manual output level adjustment. Sidechain. Channels linkable.

**DIMENSIONS** 2U rackmount. 24 lbs.

#### FURMAN

### C-132 Limiter/Compressor

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 unbalanced 1/4" inputs. 1 unbalanced 1/4" output. Manual threshold adjustment. +17 to -22dB threshold range. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. 2:1 to 50:1 ratio range. Manual input level adjustment. Manual output level adjustment. Sidechain. Channels linkable. Hard/soft-knee compression.

**DIMENSIONS** 1U rackmount. 5 lbs.

### LC-6 Limiter/Compressor/Gate

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. Manual threshold adjustment. -20 to +20dB threshold range. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. 1.4:1 to 50:1 ratio range. Manual input level adjustment. Manual output level adjustment. Sidechain. Channels linkable. Hard/soft-knee compression.

**DIMENSIONS** 1U rackmount. 5 lbs.

### QN-44 Quad Noise Gate

**FEATURES** Rackmount analog processor. ANALOG I/O: 8 unbalanced 1/4" inputs. 4 unbalanced 1/4" outputs. Manual threshold adjustment. Infinity to 20dBV threshold range. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. Manual input level adjustment. Manual output level adjustment. Sidechain. Channels linkable. Hard/soft-knee compression.

**DIMENSIONS** 1U rackmount. 5 lbs.

#### JBL

### M644 Four Channel Noise Gate

**FEATURES** Rackmount analog processor. ANALOG I/O: 4 balanced 1/4" inputs. 4 balanced 1/4" outputs. Manual threshold adjustment. -60 to +20dB threshold range. Manual attack time adjustment. Manual release time adjustment. Manual input level adjustment.

**DIMENSIONS** 1U rackmount.

### M712

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 balanced 1/4" inputs. 2 balanced 1/4" outputs. Manual threshold adjustment. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. Manual input level adjustment. Channels linkable.

**DIMENSIONS** 1U rackmount.

#### JOE MEEK

### SC3 DAD Stereo Compressor

**FEATURES** Rackmount digital processor. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 optical I/O.

**DIMENSIONS** 2U rackmount. 8 lbs.

#### KLARK TEKNIK

### DN500

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 XLR outputs. Manual threshold adjustment. -30 to +20dB threshold range. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. 1:1 to 50:1 ratio range. Auto input level adjustment. Manual output level adjustment. Sidechain. Channels linkable. Hard/soft-knee compression. Trigger input. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 9 lbs.

# Vital Stats: Dynamics Processors

See listings on page 92.

MODEL	OPERATING LEVEL	# OF CHANNELS	EFFECT TYPES	MSRP
Alesis 3630 Compressor	-10dBV/+4dBu.	2	Compressor, limiter.	\$299
Alesis NanoCompressor	-10dBV.	Stereo.	Compressor, limiter.	\$119
ART Dual Loader	Line.	Stereo processing.	Compressor, limiter.	\$349
ART Pro Gate	-10dBV/+4dBu.	8 processing channels.	Gate.	\$1,099
ART Pro VLA	Line.	Stereo processing.	Compressor, limiter.	\$649
ART Tube Compressor	Line.	Mono processing.	Compressor, limiter.	\$169
ART Tube PAC	Mic, line.	Mono processing.	Compressor, limiter, tube mic preamplifier.	\$279
Ashly Audio CLX-52	-10dBV/+4dBu.	Stereo processing.	Compressor, limiter.	\$499
AudioControl Industrial SA-3051 Realtime Spectrum Analyzer		Mono processing.	Realtime 1/3-octave spectrum analysis.	\$995
Barbetta Electronics Channel One	-10dBV/+4dBu.	Mono processing.	Compressor, gate.	\$995
Bellari LA120 Tube Compressor/Limiter	-10dBV/+4dBu.	Mono processing.	Compressor, limiter.	\$160
Bellari RP583 Studio Tube Compressor/Limiter	-10dBV/+4dBu.	Stereo processing.	Compressor, limiter.	\$650
Calrec RQD6400	-10dBV/+4dBu.	Stereo processing.	Compressor, limiter.	\$3,595
Calrec RQP3200	-10dBV/+4dBu, mic.	Stereo processing.	Compressor, limiter, gate, expander.	\$3,780
Cedar Audio AZ-1 Series II	-10dBV/+4dBu and digital I/O.	Stereo processing.	Noise reduction, Azimuth Corrector.	\$16,500
Cedar Audio CR-1 Series II	-10dBV/+4dBu and digital I/O.	Stereo processing.	Noise reduction, Decrackler.	\$16,500
Cedar Audio CRX	Digital I/O.	Stereo processing.	Decrackler.	\$6,495
Cedar Audio DC-1 Series II	-10dBV/+4dBu and digital I/O.	Stereo processing.	Noise reduction, Declicker.	\$13,795
Cedar Audio DCX	Digital I/O.	Stereo processing.	Declicker.	\$5,995
Cedar Audio DH-1 Series II	-10dBV/+4dBu and digital I/O.	Stereo processing.	Noise reduction, De-hisser.	\$16,500
Cedar Audio DHX	Digital I/O.	Stereo processing.	De-hisser.	\$6,895
Crane Song STC-8	+4dBu.	Stereo processing.	Compressor, limiter.	\$3,200
Crane Song Trakker	+4dBu.	Mono processing.	Compressor, limiter, vintage sound emulation, optical and VCA emulation.	\$1,500
dbx Professional DDP	-10dBV/+4dBu.	Stereo processing.	Compressor, limiter, gate, de-esser, parametric EQ.	\$599
dbx Professional MC6	-10dBV/+4dBu.	Stereo processing.	Compressor.	\$139.95
Ebtech HE-2 PKG Hum Eliminator	-10dBV/+4dBu.	Stereo processing.	Breaks ground loops. Converts between balanced and unbalanced lines.	\$74.95
Ebtech HE-8 Hum Eliminator	-10dBV/+4dBu.	8 processing channels.	Breaks ground loops. Converts between balanced and unbalanced lines.	\$284.95
Ebtech LLS-2 PKG Line Level Shifter	-10dBV/+4dBu.	Stereo processing.	Converts between +4dB/-10dBV levels and balanced/unbalanced lines. Breaks ground loops.	\$89.95
Ebtech LLS-8 Line Level Shifter	-10dBV/+4dBu.	8 processing channels.	Converts between +4dB/-10dBV signals and balanced/unbalanced lines. Breaks ground loops.	\$344.95
Empirical Labs (dist. by Wave Distribution) EL8 Distressor	-10dBV/+4dBu.	Mono processing.	Compressor, limiter, built-in second- and third-order harmonic distortion for emulating tube warmth.	\$1,449 mono; \$2,799 stereo
Esoteric Sound Surface Noise Reducer	+4dBu.	Stereo processing.	Noise reduction, click and pop removal (for both modern and vintage phono disc sources).	\$499
Focusrite Green 4	-10dBV/+4dBu.	Stereo processing.	Compressor, limiter, noise reduction.	\$1,599
Focusrite Green 6	-10dBV/+4dBu.	4 processing channels.	Compressor, limiter.	\$1,349
Focusrite Red 3	+4dBu.	Stereo processing.	Compressor, limiter.	\$3,995
Focusrite Red 7	+4dBu, mic.	Mono processing.	Compressor, limiter, gate, noise reduction.	\$3,995

MODEL	OPERATING LEVEL	# OF CHANNELS	EFFECT TYPES	MSRP
<b>Furman C-132 Limiter/Compressor</b>	-10dBV/+4dBu.	Mono processing.	Compressor, limiter.	\$269
<b>Furman LC-6 Limiter/Compressor/Gate</b>	-10dBV/+4dBu.	Stereo processing.	Compressor, limiter, gate, noise reduction.	\$269
<b>Furman QN-44 Quad Noise Gate</b>	-10dBV/+4dBu.	Stereo processing.	Gate, noise reduction.	\$429
<b>JBL M644 Four Channel Noise Gate</b>	-10dBV/+4dBu.	4 processing channels.	Gate.	\$515
<b>JBL M712</b>	-10dBV/+4dBu.	Stereo processing.	Compressor, gate.	\$515
<b>Joe Meek SC3 DAD Stereo Compressor</b>	+4dBu.	Stereo processing.	Compressor.	\$2,499.99
<b>Klark Teknik DN500</b>	+4dBu.	4 processing channels.	Compressor, limiter.	\$1,244
<b>Klark Teknik DN504</b>	+4dBu.	Stereo processing.	Compressor, limiter, gate (variable), noise reduction, expander.	\$1,396
<b>Manley Langevin Electro-Optical Stereo Limiter</b>	+4dBu.	Stereo processing.	Limiter.	\$1,775
<b>Manley Electro-Optical Stereo Limiter</b>	+4dBu.	Stereo processing.	Limiter.	\$2,500
<b>Manley Variable Mu Stereo Limiter/Compressor</b>	+4dBu.	Stereo processing.	Compressor, limiter.	\$4,000
<b>Millennia Media TWINCOM TCL-2</b>	+4dBu.	Stereo processing.	Compressor, limiter.	\$2,495
<b>Peavey AMR VC/L-2</b>	-10dBV/+4dBu.	Stereo processing.	Compressor, limiter.	\$1,249.99
<b>Retrospec Squeeze Box</b>	-10dBV.	Mono processing.	Compressor, limiter.	\$495
<b>Rocksonics DRP-2a Stereo Dynamic Range Processor</b>	-10dBV.	Stereo processing.	Compressor, gate.	\$169
<b>Rocksonics MB-3X Multi-Band Stereo Compressor</b>	-10dBV/+4dBu.	Stereo processing.	Compressor, limiter, noise reduction.	\$599
<b>Rocksonics PL-2 Dual/Stereo Peak Limiter</b>	-10dBV.	Stereo processing.	Limiter.	\$149
<b>Rocktron Hush Super C</b>	-10dBV/+4dBu.	Stereo processing.	Gate, noise reduction, Variable Integrated Release gating.	\$219
<b>Rocktron Studio Hush</b>	-10dBV/+4dBu.	Stereo processing.	Noise reduction, Hush expander, expander enhance.	\$299
<b>Rolls RP252 Compressor/Limiter/Gate</b>	-10dBV/+4dBu.	Stereo processing.	Compressor, limiter, gate.	\$275
<b>SPL Dynamaxx Model 9735</b>	+4dBu.	Stereo processing.	Compressor, limiter, gate, decompression.	\$869
<b>Symetrix 562E Windowing Expander/Gate</b>	+4dBu.	Stereo processing.	Gate, expander.	\$ 579
<b>Symetrix 565E Dual Compressor/Limiter/Expander</b>	+4dBu.	Stereo processing.	Compressor, limiter, expander.	\$399
<b>Tube-Tech CL-1B Compressor</b>	+4dBu.	Stereo processing.	Compressor.	\$2,195
<b>Tube-Tech LCA-2B Stereo Compressor</b>	+4dBu.	Stereo processing.	Compressor, limiter.	\$3,495
<b>Waves L2 UltraMaximizer Rack</b>	+4dBu.	Stereo processing.	Limiter and IDR Increased Digital Resolution true uncorrelated stereo word-length reduction system.	\$1,495

**DNS04**

**FEATURES** Rackmount analog processor. ANALOG I/O: 4 balanced 1/4" inputs. 4 XLR inputs. 4 XLR outputs. Manual threshold adjustment. -30 to +20dB threshold range. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. 1:1 to 50:1 ratio range. Auto input level adjustment. Manual output level adjustment. Sidechain. Channels linkable. Hard/soft-knee compression. Trigger input. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 9 lbs.

**MANLEY****Electro-Optical Stereo Limiter**

**FEATURES** Rackmount all-tube processor. VU input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 XLR inputs. 2 unbalanced 1/4" outputs. 2 XLR outputs. Manual threshold adjustment. Auto attack time adjustment. Auto release time adjustment. Auto ratio adjustment. Manual input level adjustment. Auto output level adjustment. Channels linkable. Effects bypass switch.

**DIMENSIONS** 2U rackmount. 11 lbs.

**Langevin Electro-Optical Stereo Limiter**

**FEATURES** Rackmount analog processor. VU input meter. ANALOG I/O: 1 unbalanced 1/4" input. 1 unbalanced 1/4" output. 1 XLR output. Manual threshold adjustment. Auto attack time adjustment. Auto release time adjustment. Auto ratio adjustment. Manual input level adjustment. Auto output level adjustment. Channels

linkable. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 10 lbs.

**Variable Mu Stereo Limiter/Compressor**

**FEATURES** Rackmount all-tube processor. VU input meter. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. Manual threshold adjustment. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. Manual input level adjustment. Manual output level adjustment. Channels linkable. Effects bypass switch.

**DIMENSIONS** 2U rackmount. 18 lbs.

**MILLENNIA MEDIA****TWINCOM TCL-2**

**FEATURES** Rackmount all-tube processor. VU input meter. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. Manual threshold adjustment. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. Manual input level adjustment. Sidechain. Channels linkable. Hard/soft-knee compression. Effects bypass switch.

**DIMENSIONS** 2U rackmount. 24 lbs.

**PEAVEY****AMR VC/L-2**

**FEATURES** Rackmount all-tube processor. VU input meter. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 XLR inputs. 2 unbalanced 1/4" outputs. 2 XLR outputs. Manual threshold adjustment. Manual output level adjustment.

**RETROSPEC****Squeeze Box**

**FEATURES** Tabletop processor. ANALOG I/O: 1 unbalanced 1/4" input. 1 unbalanced 1/4" output. 1 XLR output. Manual threshold adjustment. Auto attack time adjustment. Auto release time adjustment. Manual ratio adjustment. Manual output level adjustment. Effects bypass switch.

**DIMENSIONS** 7.7" W x 6.3" D x 2.7" H. 5 lbs.

**ROCKSONICS****DRP-2a Stereo Dynamic Range Processor**

**FEATURES** Tabletop processor. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. Manual threshold adjustment. 40dB threshold range. Auto attack time adjustment. Manual release time adjustment. Manual ratio adjustment. 1:1 to 10:1 ratio range. Manual input level adjustment. Manual output level adjustment. Mic preamps. Effects bypass switch.

**DIMENSIONS** 4" W x 6" D x 1.7" H. 2 lbs.

**MB-3X Multi-Band Stereo Compressor**

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 balanced 1/4" inputs. 2 balanced 1/4" outputs. Manual threshold adjustment. 40dB threshold range. Auto attack time adjustment. Auto release time adjustment. Manual ratio adjustment. 1:1 to 4:1 ratio range. Manual input level adjustment. Manual output level

adjustment. Channels linkable. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 8 lbs.

### PL-2 Dual/Stereo Peak Limiter

**FEATURES** Tabletop processor. ANALOG I/O: 2 RCA inputs. 2 RCA outputs. Manual threshold adjustment. Auto attack time adjustment. Auto release time adjustment. Auto ratio adjustment. Manual input level adjustment. Manual output level adjustment. Channels linkable. Effects bypass switch.

**DIMENSIONS** 4" W x 6" D x 1.7" H. 2 lbs.

### ROCKTRON

#### Hush Super C

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. Manual threshold adjustment. Auto attack time adjustment. Auto release time adjustment. Auto input level adjustment. Auto output level adjustment. Effects bypass switch. Patented Variable Integrated Release gating technology.

**DIMENSIONS** 1U rackmount. 6 lbs.

#### Studio Hush

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 balanced 1/4" inputs. 2 balanced 1/4" outputs. Manual threshold adjustment. Auto or manual threshold range. Auto attack time adjustment. Auto release time adjustment. Auto input level adjustment. Auto output level adjustment. Channels linkable. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 6 lbs.

### ROLLS

#### RP252 Compressor/Limiter/Gate

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 XLR outputs. Manual threshold adjustment. -40 to +12dB threshold range. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. 1:1 to infinity:1 ratio range. Manual input level adjustment. Manual output level adjustment. Sidechain. Channels linkable. Hard/soft-knee compression. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 7 lbs.

### SPL

#### Dynamaxx Model 9735

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 balanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 XLR outputs. Automatic threshold adjustment. Auto attack time adjustment. Auto release time adjustment. Auto ratio adjustment. Manual input level adjustment. Manual output level adjustment. Sidechain. Hard/soft-knee compression. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 7-1/2 lbs.

### SYMETRIX

#### 562E Windowing Expander/Gate

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 balanced 1/4" inputs. 2 unbalanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 unbalanced 1/4" outputs. 2 XLR outputs. Manual threshold adjustment. -40dB to +20dB threshold range. Manual attack time adjustment. Manual release time adjustment. Sidechain. Trigger input. Effects bypass switch.

**DIMENSIONS** 1U rackmount. 8 lbs.

#### 565E Dual Compressor/Limiter/ Expander

**FEATURES** Rackmount analog processor. ANALOG I/O: 2 balanced 1/4" inputs. 2 unbalanced 1/4" inputs. 2 XLR inputs. 2 balanced 1/4" outputs. 2 unbalanced 1/4" outputs. 2 XLR outputs. Manual threshold adjustment. Manual attack time adjustment. Manual release time adjustment. Manual ratio adjustment. 1:1 to 1:10 ratio range. Sidechain. Channels linkable. Hard/soft-knee compression. Trigger input.

**DIMENSIONS** 1U rackmount. 8 lbs.

### TUBE TECH

#### CL-1B Compressor

**FEATURES** Rackmount all-tube processor. ANALOG I/O: 2 XLR inputs. 2 XLR outputs.

**DIMENSIONS** 3U rackmount. 8-1/2 lbs.

#### LCA-2B Stereo Compressor

**FEATURES** Rackmount all-tube processor. ANALOG I/O: 2 XLR inputs. 2 XLR outputs.

**DIMENSIONS** 2U rackmount. 14 lbs.

### WAVES

#### L2 UltraMaximizer Rack

**FEATURES** Rackmount digital processor. ANALOG I/O: 2 XLR inputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. Manual threshold adjustment. -30 to 0.0 threshold range. Manual release time adjustment. Manual input level adjustment. Manual output level adjustment. Channels linkable. Effects bypass switch.

**DIMENSIONS** 2U rackmount.

## Equalizers

See chart on page 98.

### ALESIS

#### MEQ 230

**FEATURES** Notch filter. -10dBV operating level. Input meters. 2 1/4" and 2 RCA inputs/outputs. EQ in/out switch. Level/dip indicator LEDs. Output level controls.

**DIMENSIONS** 19" W x 4" D x 1.75" H. 1U rackmount. 2.5 lbs.

### ART

#### 341

**FEATURES** Bandpass filter. +4dBu operating level. Single balanced 1/4", RCA, and XLR inputs. Single balanced 1/4", RCA, and XLR outputs.

**DIMENSIONS** 19" W x 6.5" D x 1.75" H. 5 lbs.

#### 351

**FEATURES** Bandpass filter. +4dBu operating level. Single balanced 1/4", RCA, and XLR inputs. Single balanced 1/4", RCA, and XLR outputs.

**DIMENSIONS** 1U rackmount. 5 lbs.

#### 355

**FEATURES** Bandpass filter. +4dBu operating level. Single balanced 1/4", RCA, and XLR inputs. Single balanced 1/4", RCA, and XLR outputs.

**DIMENSIONS** 2U rackmount. 9 lbs.

#### Dual Tube EQ

**FEATURES** Variable notch and shelving filters. Single unbalanced 1/4" and XLR inputs. Single unbalanced 1/4" and XLR outputs.

**DIMENSIONS** 19" W x 5.25" D x 1.75" H. 8 lbs.

#### Tube EQ

**FEATURES** Variable notch and shelving filters. Single unbalanced 1/4" and XLR inputs. Single unbalanced 1/4" and XLR outputs. Internal power supply.

**DIMENSIONS** 8.5" W x 5.25" D x 1.65" H. 5 lbs.

### ASHLY AUDIO

#### GQX-1502

**FEATURES** Bandpass filter. -10/+4dBu operating levels. Y-balanced 1/4" and XLR inputs. Y-balanced 1/4" and XLR outputs. Switchable low cut filter. Clip LED indicator.

**DIMENSIONS** 2U rackmount. 8 lbs.

#### GQX-3101

**FEATURES** Bandpass filter. -10/+4dBu operating levels. Y-balanced 1/4" and XLR inputs. Y-balanced 1/4" and XLR outputs. Switchable band boost/cut,  $\pm 6$  to 15dB. Switchable/tunable low cut filter.

**DIMENSIONS** 2U rackmount. 10 lbs.

#### GQX-3102

**FEATURES** Bandpass filter. -10/+4dBu operating levels. Y-balanced 1/4" and XLR inputs. Y-balanced 1/4" and XLR outputs. Switchable band boost/cut,  $\pm 6$  to 15dB. Switchable/tunable low cut filter.

**DIMENSIONS** 2U rackmount. 15 lbs.

#### MQX-1310

**FEATURES** Bandpass filter. -10/+4dBu operating levels. Y-balanced 1/4" and XLR inputs. Y-balanced 1/4" and XLR outputs. Switchable band boost/cut,  $\pm 6$  to 15dB. LED signal and clip indicators. Switchable low cut filter.

**DIMENSIONS** 1U rackmount. 8 lbs.

#### MQX-2150

**FEATURES** Bandpass filter. -10/+4dBu operating levels. Y-balanced 1/4" and XLR inputs. Y-balanced 1/4" and XLR outputs. Switchable band boost/cut,  $\pm 6$  to 15dB. LED signal and clip indicators.

**DIMENSIONS** 1U rackmount. 8 lbs.

#### MQX-2310

**FEATURES** Bandpass filter. -10/+4dBu operating levels. Y-balanced 1/4" and XLR inputs. Y-balanced 1/4" and XLR outputs. Switchable band boost/cut,  $\pm 6$  to 15dB. LED signal and clip indicators. Switchable low cut filter.

**DIMENSIONS** 2U rackmount. 8 lbs.

#### PQX-571

**FEATURES** Bandpass filter. -10/+4dBu operating levels. Y-balanced 1/4" and XLR inputs. Y-balanced 1/4" and XLR outputs. Tunable lowpass/highpass frequency shelving filters. True reciprocal curves. Master and individual band in/out switching.

**DIMENSIONS** 1U rackmount.

#### PQX-572

**FEATURES** Bandpass filter. -10/+4dBu operating levels. Y-balanced 1/4" and XLR inputs. Y-balanced 1/4" and XLR outputs. Tunable lowpass/highpass frequency shelving filters. True reciprocal curves. Master and individual band in/out switching.

**DIMENSIONS** 2U rackmount. 10 lbs.

#### Protea 2.24G5

**FEATURES** Bandpass filter. -10/+4dBu operating levels. Y-balanced 1/4" and XLR inputs. Y-balanced 1/4" and XLR outputs. 128 user-storable settings. 24 bit A-D/D-A processing. Programmable compressor/limiter, highpass/lowpass filter, and time alignment 341ms delay per band. RS232 interface. MIDI controllable. Optional 4.24RD remote.

**DIMENSIONS** 1U rackmount. 9 lbs.

#### Protea 4.24G

**FEATURES** Bandpass filter. -10/+4dBu operating levels. Y-balanced 1/4" and XLR inputs. Y-balanced 1/4" and XLR outputs. 128 user-storable settings. 24 bit A-D/D-A processing. Programmable compressor/limiter, highpass/lowpass filter, and time alignment 341ms delay per band. RS232 interface. MIDI controllable. 240x64 fluorescent backlit display. Optional 4.24RD remote, 2 and 4 channel slaves.

**DIMENSIONS** 2U rackmount. 14 lbs.

#### Protea 4.24G5

**FEATURES** Bandpass filter. -10/+4dBu operating levels. Y-balanced 1/4" and XLR inputs. Y-balanced 1/4" and XLR outputs. 128 user-storable settings. 24 bit A-D/D-A processing. Programmable compressor/limiter, highpass/lowpass filter, and time alignment 341ms delay per band. RS232 interface. MIDI controllable. Optional 4.24RD remote.

**DIMENSIONS** 2U rackmount. 13 lbs.

### AUDIO CENTRON

#### TFX3-PE

**FEATURES** Notch filter. -10/+4dBu operating levels. Single balanced 1/4" inputs. Single balanced 1/4" outputs. Mounts in single rack space. Bypass switch.

**DIMENSIONS** 1/3U rackmount. 1.5 lbs.

### BARBETTA

#### Channel One

**FEATURES** Bandpass, band-reject filters. -10/+4dBu, mic, line, and instrument operating levels. Single balanced 1/4" and XLR inputs. Single balanced 1/4" and XLR outputs. Full function compressor.

**DIMENSIONS** 1U rackmount.

### CALREC

#### RQ2200

**FEATURES** Shelving filter. -10/+4dBu operating levels. 2 XLR inputs. 2 XLR outputs.

**DIMENSIONS** 1U rackmount. 25 lbs.

### DBX

#### 2231

**FEATURES** -10/+4dBu operating levels. Balanced 1/4" and XLR analog inputs. Balanced 1/4" and XLR outputs. Barrier strip digital input. PeakStop Plus limiter. dbx Type III noise reduction.

**DIMENSIONS** 3U rackmount.

### ELECTRO VOICE

#### EQ-131 Single Channel 31-Band Graphic EQ

**FEATURES** +4dB operating level. Single unbalanced 1/4" and XLR inputs. Single unbalanced 1/4" and XLR outputs.

**DIMENSIONS** 1U rackmount. 6 lbs.

#### EQ-215 Dual Channel 15-Band Graphic EQ

**FEATURES** +4dB operating level. Single unbalanced 1/4" and XLR inputs.

Single unbalanced 1/4" and XLR outputs.  
**DIMENSIONS** 1U rackmount. 6 lbs.

**EQ-231 Dual Channel 31-Band Graphic EQ**

**FEATURES** +4dB operating level. Single balanced 1/4" and XLR inputs. Single unbalanced 1/4" and XLR outputs.  
**DIMENSIONS** 2U rackmount. 8 lbs. 13 oz.

**ESOTERIC SOUND**

**Re-Equalizer**

**FEATURES** Shelving filter. +4dB operating level. 2 RCA inputs. 2 RCA outputs. 36 user-storable settings. For phono compensation of older disc record sources not made with RIAA curve.  
**DIMENSIONS** 1U rackmount. 5 lbs.

**FOCUSRITE**

**Green 2**

**FEATURES** Bandpass, shelving filters. -10/+4dBu, mic, line, and instrument operating levels. Single balanced 1/4" and XLR inputs. Single XLR outputs. Includes internal mic preamp.  
**DIMENSIONS** 1U rackmount. 6 lbs.

**ISA 215**

**FEATURES** Bandpass, shelving filters. +4dBu, line operating levels. VU input meter. 2 XLR inputs. 2 XLR outputs. Includes internal 2-channel mic preamp.  
**DIMENSIONS** 2U rackmount. 20 lbs.

**Red 2**

**FEATURES** Bandpass, shelving filters. +4dBu, line operating levels. VU input meter. 2 XLR inputs. 2 XLR outputs.  
**DIMENSIONS** 2U rackmount. 20 lbs.

**Red 6**

**FEATURES** Bandpass, shelving filters. +4dBu, mic, and line operating levels. VU input meter. 2 XLR inputs. 2 XLR outputs. Includes internal mic preamp.  
**DIMENSIONS** 2U rackmount. 20 lbs.

**Tone Factory**

**FEATURES** Bandpass, shelving filters. -10/+4dBu, mic, line, and instrument operating levels. 2 balanced 1/4" inputs. Single balanced 1/4" output. Includes internal mic preamp, compressor, noise gate.  
**DIMENSIONS** 1U rackmount. 6 lbs.

**FURMAN**

**PQ-3 Parametric Equalizer/Instrument Preamp**

**FEATURES** Notch, bandpass, band-reject, and shelving filters. -10/+4dBu operating levels. 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. High/low inputs for use as instrument preamp. Pushbutton or footswitch EQ bypass. PQ-3B balanced version, \$335.  
**DIMENSIONS** 1U rackmount. 5 lbs.

**PQ-4 Parametric Equalizer**

**FEATURES** Notch, bandpass, band-reject, and shelving filters. -10/+4dBu operating levels. 2 unbalanced 1/4" inputs. 2 unbalanced 1/4" outputs. Four EQ bands. High/low inputs for use as instrument preamp. Pushbutton or footswitch EQ bypass. PQ-4B balanced version, \$379.  
**DIMENSIONS** 1U rackmount. 5 lbs.

**Q-151 15-Band Graphic Equalizer**

**FEATURES** -10/+4dBu operating levels. 2 balanced 1/4" inputs. 2 unbalanced 1/4" outputs. Constant-Q technology. Detented-center sliders. Three stepped indicator lights for input/output and overload indicator. Q-151B balanced version, \$467.  
**DIMENSIONS** 2U rackmount. 6 lbs.

**Q-152 Graphic Equalizer**

**FEATURES** -10/+4dBu operating levels. 2 balanced 1/4" inputs. 2 unbalanced 1/4" outputs. Dual 15-band, long throw. Constant-Q technology. Detented-center sliders. Three stepped indicator lights for input/output and overload indicator. Q-152B balanced version, \$557.  
**DIMENSIONS** 2U rackmount. 10 lbs.

**Q-301 Graphic Equalizer**

**FEATURES** -10/+4dBu operating levels. 2 balanced 1/4" inputs. 2 unbalanced 1/4" outputs. Single 30-band, short throw. Constant-Q technology. Detented-center sliders. Three stepped indicator lights for input/output and overload indicator. Q-301B balanced version, \$425.  
**DIMENSIONS** 1U rackmount. 6 lbs.

**Q-302 Graphic Equalizer**

**FEATURES** -10/+4dBu operating levels. 2 balanced 1/4" inputs. 2 unbalanced 1/4" outputs. Single 30-band, long throw. Constant-Q technology. Detented-center sliders. Three stepped indicator lights for input/output and overload indicator. Q-302B balanced version, \$503.  
**DIMENSIONS** 2U rackmount. 10 lbs.

**Q-541 Graphic Equalizer**

**FEATURES** -10/+4dBu operating levels. 2 balanced 1/4" and RCA inputs. 2 unbalanced 1/4" and RCA outputs. Four channels of five-band stereo equalization. Ideal for multiple stereo sources.  
**DIMENSIONS** 1U rackmount. 6 lbs.

**Q-602 Graphic Equalizer**

**FEATURES** -10/+4dBu operating levels. 2 balanced 1/4" inputs. 2 unbalanced 1/4" outputs. Dual 30-band, short throw. Constant-Q technology. Detented-center sliders. Three stepped indicator lights for input/output and overload indicator. Q-602B balanced version, \$767.  
**DIMENSIONS** 2U rackmount. 10 lbs.

**GEMINI**

**EQX-30**

**FEATURES** Notch filter. Single unbalanced 1/4" and RCA inputs. Single unbalanced 1/4" and RCA outputs.  
**DIMENSIONS** 1U rackmount. 8 lbs.

**JBL**

**DSC260 Digital Controller**

**FEATURES** Notch, bandpass, band-reject, and shelving filters. +4dBu operating level. 2 XLR inputs. 6 XLR outputs. MIDI controllable. Adjustable metered output limiters. 635ms delay per channel. 48dB/octave crossover slopes. Remote MIDI recall.  
**DIMENSIONS** 1U rackmount. 6.2 lbs.

**DSC280 Digital Controller**

**FEATURES** Bandpass, band-reject, shelving, dynamic filtering. -10/+4dB operating levels. 2 XLR inputs. 2 XLR outputs. 60 user-storable settings. MIDI controllable. Graphical user interface. 24dB/octave crossover slopes. A-D/D-A converter. PC/MCIA card slot for stored programs. Mid-band limiters on outputs. Up to 650ms signal delay.  
**DIMENSIONS** 2U rackmount.

**KAWAI**

**EQ 8**

**FEATURES** Bandpass filter. -10/+4dB operating levels. 8 unbalanced 1/4" inputs. 8 unbalanced 1/4" outputs. Internally linkable.  
**DIMENSIONS** 1U rackmount. 4 lbs.

**KLARK TEKNIK**

**DN300 Single Channel Graphic EQ**

**FEATURES** Bandpass filter. +4dB operating level. 2 XLR inputs. 2 XLR outputs. Overload indicator.  
**DIMENSIONS** 2U rackmount. 8 lbs.

**DN332 Dual Channel 2/3 Octave Graphic EQ**

**FEATURES** Bandpass filter. +4dB operating level. 2 XLR inputs. 2 XLR outputs. Overload indicators per channel.  
**DIMENSIONS** 2U rackmount. 8 lbs.

**DN360 Dual Channel 1/3 Octave Graphic EQ**

**FEATURES** Bandpass filter. +4dB operating level. 2 XLR inputs. 2 XLR outputs. Selector switch for 6 or 12dB operation. Overload indicators per channel.  
**DIMENSIONS** 3U rackmount. 10 lbs.

**DN405 Single Channel Parametric EQ**

**FEATURES** Notch, bandpass filters. +4dB operating level. Single XLR inputs. Single XLR outputs.  
**DIMENSIONS** 1U rackmount. 8 lbs.

**DN410 Dual Channel Parametric EQ**

**FEATURES** Notch, bandpass filters. +4dB operating levels. 2 XLR inputs. 2 XLR outputs. Switchable between stereo 5-band or mono 10-band parametric modes.  
**DIMENSIONS** 2U rackmount. 10 lbs.

**DN3600 Dual Channel Programmable Graphic EQ**

**FEATURES** Notch, bandpass, and variable Q filters per band. +4dB operating level. 2 XLR inputs. 2 XLR outputs. Digital sync. 66 user-storable settings. MIDI controllable. Digitally-controlled analog circuitry. High-

pass, lowpass, and two notch filters per channel. Auto-gain for unity gain regardless of individual boost/cut. DN360, DN27 emulations. Can address up to 64 DN3600 or DN3601 slave units. Optional DN3698 handheld remote.

**DIMENSIONS** 2U rackmount. 20 lbs.

**DN4000 Dual Channel Parametric EQ**

**FEATURES** Notch, bandpass, and shelving filters. +4dB operating level. 2 XLR analog inputs. 2 XLR analog outputs. 2 AES/EBU digital I/O. Digital sync. 32 user-storable settings. MIDI controllable. Highpass, lowpass, high shelf, low shelf, and five parametric bands per channel. Large LCD screen displays both channels simultaneously. Up to 340ms delay per channel. Three encoders for adjusting frequency, Q, and level.  
**DIMENSIONS** 2U rackmount. 9 lbs.

**MANLEY**

**Enhanced Pultec EQ**

**FEATURES** Shelving filter. -10/+4dB, line operating levels. Single unbalanced 1/4" and XLR inputs. Single unbalanced 1/4" and XLR outputs. Optional mastering version, \$500. Pultec EQP1-A passive circuitry.  
**DIMENSIONS** 1U rackmount. 12 lbs.

**Langevin Pultec EQ**

**FEATURES** Notch, shelving filters. -10/+4dB, line operating levels. Single unbalanced 1/4" and XLR inputs. Single unbalanced 1/4" and XLR outputs. Discrete circuitry.  
**DIMENSIONS** 1U rackmount. 10 lbs.

**MID EQ**

**FEATURES** Notch filter. -10/+4dB, line operating levels. Single unbalanced 1/4" and XLR inputs. 11 unbalanced 1/4" and single XLR outputs. Optional mastering version, \$500. Pultec MEQ-5 passive circuitry.  
**DIMENSIONS** 1U rackmount. 12 lbs.

**MILLENNIA MEDIA**

**NSEQ-2**

**FEATURES** Notch, bandpass, band-reject, and shelving filters. +4dBu operating level. 2 XLR inputs. 2 XLR outputs. Tube and solid state transformerless signal paths. Single amplifier design.  
**DIMENSIONS** 2U rackmount. 25 lbs.

**POWER TECHNOLOGY**

**DSP-FX Card**

**FEATURES** Bandpass, band-reject, and shelving filters. -10dBV and line operating levels. 2 unbalanced 1/4" analog inputs. AES/EBU, coaxial digital I/O. 10,000 user-storable settings. MIDI controllable. Windows 95/98-compatible. 32-bit internal FPU.  
**DIMENSIONS** Single ISA slot.

**RANE**

**MQ 302L**

**FEATURES** +4dBu operating level. 2 balanced 1/4" and 2 unbalanced 1/4" inputs. 2 balanced 1/4" and 2 unbalanced 1/4" outputs. Single set of faders for both channels.  
**DIMENSIONS** 1U rackmount. 5 lbs.

**MQ 302S**

**FEATURES** +4dBu operating level. 2 balanced 1/4" and 2 unbalanced 1/4" inputs. 2 balanced 1/4" and 2 unbalanced 1/4" outputs. Single set of faders for both channels.  
**DIMENSIONS** 2U rackmount.

**ROLAND**

**EQ-131**

**FEATURES** Shelving, band-reject, and low-cut filters. +4dB operating level. Single balanced 1/4" and XLR inputs. Single balanced 1/4" and XLR outputs. Input meters.  
**DIMENSIONS** 1U rackmount. 7 lbs., 2 oz.

**EQ-215**

**FEATURES** Shelving, band-reject, and low-cut filters. +4dB operating level. 2 balanced 1/4" and 2 XLR inputs. 2 balanced 1/4" and 2 XLR outputs. Input meters.  
**DIMENSIONS** 1U rackmount. 7 lbs., 12 oz.

**EQ-231**

**FEATURES** Shelving, band-reject, and low-cut filters. +4dB operating level. 2 balanced 1/4" and 2 XLR inputs. 2 balanced 1/4" and 2 XLR outputs. Input meters.  
**DIMENSIONS** 1U rackmount. 10 lbs., 6 oz.

# Vital Stats: Equalizers

See listings on page 96.

MODEL	TYPE	# OF CHANNELS/ BANDS PER CHANNEL	BANDWIDTH & CUT/BOOST RANGE	FREQUENCY CONTROLS	MSRP
Alesis MEQ 230	Analog graphic EQ.	2/30	1/3 octave fixed/±12dB per band.	Fixed center and Q.	\$299
ART 341	Analog graphic EQ.	2/15	2/3 octave/±18dB per band.	Fixed center and Q.	\$249
ART 351	Analog graphic EQ.	1/31	1/3 octave/±18dB per band.	Fixed center and Q.	\$249
ART 355	Analog graphic EQ.	2/31	1/3 octave/±18dB per band.	Fixed center and Q.	\$389
ART Dual Tube EQ	Hybrid parametric EQ. ±12dB per band.	1/4 or 2/8 Sweepable center, fixed Q. input = one/two/eight/four	±12dB per band.		\$499
ART Tube EQ	Hybrid parametric EQ.	1/4	±12dB per band.	Sweepable center, fixed Q.	\$259
Ashly Audio GQX-1502	Analog graphic EQ.	2/15	2/3 octave/±15dB per band.	Fixed center and Q.	\$529
Ashly Audio GQX-3101	Analog graphic EQ.	1/31	1/3 octave/±15dB per band.	Fixed center and Q.	\$629
Ashly Audio GQX-3102	Analog graphic EQ.	2/31	1/3 octave/±15dB per band.	Fixed center and Q.	\$1,059
Ashly Audio MQX-1310	Analog graphic EQ.	1/31	1/3 octave/±15dB per band.	Fixed center and Q.	\$499
Ashly Audio MQX-2150	Analog graphic EQ.	2/15	2/3 octave/±15dB per band.	Fixed center and Q.	\$399
Ashly Audio MQX-2310	Analog graphic EQ.	2/31	1/3 octave/±15dB per band.	Fixed center and Q.	\$799
Ashly Audio Protea 2.24GS	Digital graphic EQ.	2/31	1/3 octave/±15dB per band.	Fixed center and Q.	\$950.00
Ashly Audio Protea 4.24G	Digital graphic EQ.	4/31	1/3 octave/±15dB per band.	Fixed center and Q.	\$2,000
Ashly Audio Protea 4.24GS	Digital graphic EQ.	4/31	1/3 octave/±15dB per band.	Fixed center and Q.	\$1,400
Ashly Audio PQX-571	Analog parametric EQ.	1/5	1/20 to 3-1/3 octave/±15dB per band.	Selectable center and Q.	\$399
Ashly Audio PQX-572	Analog parametric EQ.	2/5	1/20 to 3-1/3 octave/±15dB per band.	Selectable center and Q.	\$699
Audio Centron TFX3-PE	Analog parametric EQ.	1/3	1/2 - 3 octave/±30dB or ±15dB per band.	Sweepable center, selectable Q.	\$119
Barbetta Channel Dne	Analog parametric EQ.	1/3	2-1/2 octave/±20dB per band.	Sweepable center, fixed Q.	\$995
Calrec RQ2200	Analog parametric EQ.	2/3	±16dB per band.	Sweepable center and Q.	\$3,060
dbx Professional 2231	Analog parametric EQ.	2/31	±15dB per band.	Fixed center and Q.	\$799
Electro-Voice EQ-131 Single Channel 31-Band Graphic EQ	Analog graphic EQ.	1/31	1/3 octave fixed/±6dB or ±12dB per band.	Fixed center.	\$524
Electro-Voice EQ-215 Dual Channel 15-Band Graphic EQ	Analog graphic EQ.	2/15	1/3 octave fixed/±6dB or ±12dB per band.	Fixed center.	\$548
Electro-Voice EQ-231 Dual Channel 31-Band Graphic EQ	Analog graphic EQ.	2/31	1/3 octave fixed/±6dB or ±12dB per band.	Fixed center.	\$840
Esoteric Sound Re-Equalizer	Analog parametric EQ.	2/36	±16dB per band.	Selectable Q.	\$316
Focusrite Green 2	Analog parametric EQ.	1/4	Variable/±15dB per band.	Selectable and sweepable center and Q.	\$1,249
Focusrite ISA 215	Analog parametric EQ.	2/4	Variable/±16dB per band.	Sweepable center, selectable Q.	\$4,950
Focusrite Red 2	Analog parametric EQ.	2/4	Variable/±15dB per band.	Sweepable center, selectable Q.	\$3,995
Focusrite Red 6	Analog parametric EQ.	1/4	Variable/±15dB per band.	Selectable and sweepable center and Q.	\$2,995
Focusrite Tone Factory	Analog parametric EQ.	1/7	Variable band and cut/boost.	Selectable and sweepable center and Q.	\$699
Furman PQ-3 Parametric Equalizer/Instrument Preamp	Analog parametric EQ.	1/3	1/3 - 4 octaves/+20 to -40dB per band.	Sweepable center and Q.	\$299
Furman PQ-4 Parametric Equalizer	Analog parametric EQ.	1/4	1/3 - 4 octaves/+20 to -40dB per band.	Sweepable center and Q.	\$333
Furman Q-151 15-Band Graphic Equalizer	Analog graphic EQ.	2/15	±12dB per band.	Fixed center and Q.	\$399
Furman Q-152 Graphic Equalizer	Analog graphic EQ.	2/15	±12dB per band.	Fixed center and Q.	\$489
Furman Q-301 Graphic Equalizer	Analog graphic EQ.	1/30	±12dB per band.	Fixed center and Q.	\$389
Furman Q-302 Graphic Equalizer	Analog graphic EQ.	1/30	1/3 octave/±12dB per band.	Fixed center and Q.	\$469

MODEL	TYPE	# OF CHANNELS/ BANDS PER CHANNEL	BANDWIDTH & CUT/BOOST RANGE	FREQUENCY CONTROLS	MSRP
<b>Furman Q-541 Graphic Equalizer</b>	Analog graphic EQ.	4/5	two octaves/±10dB per band.	Fixed center and Q.	\$399
<b>Furman Q-602 Graphic Equalizer</b>	Analog graphic EQ.	1/30	±12dB per band.	Fixed center and Q.	\$699
<b>Gemini EQX-30</b>	Analog graphic EQ.	2/15	2/3 octave/±12dB per band.	Fixed center and Q.	\$209
<b>JBL DSC260 Digital Controller</b>	Digital parametric EQ.	2/36	.05 - 3 octaves/±15dB per band.	Sweepable center and Q.	\$1,895
<b>JBL DSC280 Digital Controller</b>	Digital parametric EQ.	2/2	.05 - 3 octaves/±15dB per band.	Sweepable center and Q.	\$4,495
<b>Kawai EQ 8</b>	Analog graphic EQ.	8/1	±15dB per band.	Sweepable center and Q.	\$299
<b>Klark Teknik DN300 Single Channel Graphic EQ</b>	Analog graphic EQ.	1/30	1/3 octave/±12dB per band.	Fixed center and Q.	\$1,260
<b>Klark Teknik DN332 Dual Channel 2/3 Octave Graphic EQ</b>	Analog graphic EQ.	2/16	2/3 octave/±12dB per band.	Fixed center and Q.	\$1,204
<b>Klark Teknik DN360 Dual Channel 1/3 Octave Graphic EQ</b>	Analog graphic EQ.	2/30	1/3 octave/±12dB per band.	Fixed center and Q.	\$1,880
<b>Klark Teknik DN405 Single Channel Parametric EQ</b>	Analog parametric EQ.	1/5	1/12 - 2 octaves/-25 to +15dB per band.	Selectable center and Q.	\$924
<b>Klark Teknik DN410 Dual Channel Parametric EQ</b>	Analog parametric EQ.	2/5	1/12 - 2 octaves/-25 to +15dB per band.	Selectable and sweepable center and Q.	\$1,372
<b>Klark Teknik DN3600 Dual Channel Programmable Graphic EQ</b>	Analog graphic EQ.	2/30	1/3 octave/±12dB per band.	Fixed center and Q.	\$3,300
<b>Klark Teknik DN4000 Dual Channel Parametric EQ</b>	Digital parametric EQ.	2/9	1/12 - 3 octaves/±12dB per band.	Selectable and sweepable center and Q.	\$4,600
<b>Manley Enhanced Pultec EQ</b>	All-tube parametric EQ.	1/3	±15dB per band.	Selectable center, fixed Q.	\$2,150
<b>Manley Langevin Pultec EQ</b>	Analog parametric EQ.	1/3	±10dB per band.	Selectable center and Q.	\$1,275
<b>Manley MID EQ</b>	All-tube parametric EQ.	1/3	±10dB per band.	Selectable center, fixed Q.	\$1,750
<b>Millennia Media NSEQ-2</b>	Analog parametric EQ.	2/4	2 octaves/±20dB per band.	Sweepable center. Fixed, selectable, and sweepable Q.	\$2,995
<b>Power Technology DSP-FX Card</b>	Digital parametric EQ ISA PC card.	2/10	±30dB per band. 0.2 - 20 Q range	Sweepable center and Q.	\$399
<b>Rane MQ 3025</b>	Analog graphic EQ.	2/30	1/3 octave/±12dB per band.	Fixed center and Q.	\$399
<b>Rane MQ 302L</b>	Analog graphic EQ.	2/30	1/3 octave/±12dB per band.	Fixed center and Q.	\$599
<b>Roland EQ-131</b>	Analog graphic EQ.	1/31	1/3 octave fixed/±6dB or ±12dB per band.	Fixed center and Q.	\$345
<b>Roland EQ-215</b>	Analog graphic EQ.	2/15	2/3 octave fixed/±6dB or ±12dB per band.	Fixed center and Q.	\$395
<b>Roland EQ-231</b>	Analog graphic EQ.	2/31	1/3 octave fixed/±6dB or ±12dB per band.	Fixed center and Q.	\$495
<b>Rolls REQ131 31-Band Graphic Equalizer</b>	Analog graphic EQ.	1/31	±12dB per band.	Fixed center and Q.	\$250
<b>Rolls REQ215 Dual 15-Band Graphic Equalizer</b>	Analog graphic EQ.	2/15	±6dB per band.	Fixed center and Q.	\$460
<b>Rolls REQ231 Dual 31-Band Graphic Equalizer</b>	Analog graphic EQ.	2/31	±12dB per band.	Fixed center and Q.	\$525
<b>Rolls REQ232 Stereo Graphic Equalizer</b>	Analog graphic EQ.	2/31	±6dB per band.	Fixed center and Q.	\$460
<b>Rolls RPQ160 Parametric Equalizer</b>	Analog parametric EQ.	1/4	1/3 - 3 octaves/±15dB per band.	Selectable center and Q.	\$300
<b>Samson E30 Graphic Equalizer</b>	Graphic EQ.	2/15	2/3 octave fixed/±15dB per band.	Fixed center and Q.	\$199.99
<b>Samson E31 Graphic Equalizer</b>	Graphic EQ.	1/31	1/3 octave/±15dB per band.		\$199.99
<b>Samson E62 Graphic Equalizer</b>	Graphic EQ.	2/31	1/3 octave/±15dB per band.		\$299.99
<b>Sound Performance Labs Qure</b>	All-tube parametric EQ.	2/3	±15dB per band.	Sweepable center and Q.	\$1,799
<b>Speck EQ16-16</b>	Analog parametric EQ.	16/3	±15dB per band.	Sweepable center, selectable Q.	\$1,395
<b>Speck EQ16-32</b>	Analog parametric EQ.	32/3	±15dB per band.	Sweepable center, selectable Q.	\$1,895
<b>Studiomaster SEQ-152</b>	Analog graphic EQ.	2/15	20Hz - 20kHz/±6dB or ±15dB per band.	Fixed center and Q.	\$349

MODEL	TYPE	# OF CHANNELS/ BANDS PER CHANNEL	BANDWIDTH & CUT/ BOOST RANGE	FREQUENCY CONTROLS	MSRP
<b>Studiomaster SEQ-311</b>	Analog graphic EQ.	2/31	20Hz - 20kHz/-6dB or ±15dB per band.	Fixed center and Q.	\$329
<b>Sweetwater Sound ORAM HD EQ-2 High Definition Equalizer</b>	Analog parametric EQ.	2/8	Narrow to broad/±18dB or ±6dB per band.	Selectable and sweepable center, selectable Q.	\$4,802
<b>Symetrix 531E Graphic Equalizer</b>	Analog graphic EQ.	1/31	1/3 octave fixed/±6dB or ±12dB per band.	Fixed center and Q.	\$599
<b>Symetrix 532E Graphic Equalizer</b>	Analog graphic EQ.	2/31	1/3 octave fixed/±6dB or ±12dB per band.	Fixed center and Q.	\$749
<b>Symetrix 533E Graphic Equalizer</b>	Analog graphic EQ.	2/31	1/3 octave fixed/±6dB or ±12dB per band.	Fixed center and Q.	\$949
<b>Symetrix 551E Parametric Equalizer</b>	Analog parametric EQ.	1/5	1/20 - 2 octave/±20dB or ±12dB per band.	Sweepable center and Q.	\$449
<b>Symetrix 552E Parametric Equalizer</b>	Analog parametric EQ.	2/5	1/20 - 2 octave/±20dB or ±12dB per band.	Sweepable center and Q.	\$749
<b>T.C. Electronic TC2240</b>	Analog parametric EQ.	2/4	1/10 - 2 octave/±20dB per band.	Sweepable center.	\$1,288
<b>Tube-Tech EQ-1A</b>	All-tube parametric EQ.	1/5	1/2 - 2 octave/±15dB per band.	Selectable center and Q.	\$4,395
<b>Tube-Tech ME-1B</b>	Analog graphic EQ.	1/3	±8dB per band.	Selectable center.	\$1,819
<b>Tube-Tech PE-1C</b>	All-tube parametric EQ.	1/2	-18 to +14dB per band.	Selectable center and Q.	\$1,850
<b>White Instruments 4200A</b>	Analog graphic EQ.	1/28	1/3 octave/±15dB per band.	Fixed center and Q.	\$1,315
<b>White Instruments 4400</b>	Analog graphic EQ.	1/28	1/3 octave/±10dB on center band.	Fixed center and Q.	\$1,285
<b>White Instruments 4675</b>	Analog graphic EQ.	2/14	2/3 octave/±10dB per band.	Fixed center and Q.	\$1,010
<b>White Instruments 4828</b>	Analog graphic EQ.	1/28	1/3 octave/±12dB per band.	Fixed center and Q.	\$880
<b>White Instruments 4856 Dual Channel 1/3-Octave EQ</b>	Analog graphic EQ.	2/28	1/3 octave/±15dB per band.	Fixed center and Q.	\$1,670
<b>XTA DP202EQ</b>	Digital parametric EQ.	2/14	Adjustable/±15dB or ±40dB per band.	Selectable center and Q.	\$2,125
<b>XTA DP226</b>	Digital parametric EQ.	6/8 on inputs, 6/6 on outputs.	Adjustable/±15dB or ±40dB per band.	Selectable center and Q.	\$3,995
<b>XTA GQ600 Graphic Equalizer</b>	Analog graphic EQ.	2/30	1/3 octave/±10dB per band.	Fixed center and Q.	\$1,650

**ROLLS**

**REQ131 31-Band Graphic Equalizer**

**FEATURES** Bandpass, shelving filters. -10/+4dB operating levels. Single unbalanced 1/4", RCA, XLR inputs. Single unbalanced 1/4", RCA, and XLR outputs.

**DIMENSIONS** 1U rackmount. 5 lbs.

**REQ215 Dual 15-Band Graphic Equalizer**

**FEATURES** Bandpass filter. -10d/+4dB operating levels. 2 unbalanced 1/4", 2 RCA, and 2 XLR inputs. 2 unbalanced 1/4", 2 RCA, and 2 XLR outputs.

**DIMENSIONS** 1U rackmount. 5 lbs.

**REQ231 Dual 31-Band Graphic Equalizer**

**FEATURES** Bandpass filter. -10/+4dB operating levels. 2 unbalanced 1/4", 2 RCA, and 2 XLR inputs. 2 unbalanced 1/4", 2 RCA, and 2 XLR outputs.

**DIMENSIONS** 2U rackmount. 8 lbs.

**REQ232 Stereo Graphic Equalizer**

**FEATURES** Bandpass filter. -10/+4dB operating levels. 2 unbalanced 1/4", 2 RCA, and 2 XLR inputs. 2 unbalanced 1/4", 2 RCA, and 2 XLR outputs. Stereo EQ.

**DIMENSIONS** 1U rackmount. 7 lbs.

**RPQ160 Parametric Equalizer**

**FEATURES** Bandpass filter. -10/+4dB operating levels. Single unbalanced 1/4", RCA, and XLR inputs. Single unbalanced 1/4", RCA, and XLR outputs.

**DIMENSIONS** 1U rackmount. 5 lbs.

**SAMSON**

**E30 Graphic Equalizer**

**FEATURES** Center-detented sliders. Front-panel 6dB output level sliders.

Dual bypass switches, peak LEDs. Relay power-on circuitry prevents speaker bumps. Internal power supply. Dual-channel for stereo signal or 2 independent mono signals. Front-panel bypass switches.

**DIMENSIONS** 1U rackmount. 5 lbs.

**E31 Graphic Equalizer**

**FEATURES** Center-detented sliders. Front-panel 6dB output level sliders. Bypass switch, peak LED. Relay power-on circuitry prevents speaker bumps. Internal power supply.

**DIMENSIONS** 1U rackmount.

**E62 Graphic Equalizer**

**FEATURES** Center-detented sliders. Front-panel 6dB output level sliders. Dual bypass switches, peak LEDs. Relay power-on circuitry prevents speaker bumps. Internal power supply.

**DIMENSIONS** 2U rackmount. 9 lbs.

**SOUND PERFORMANCE LABS**

**Qure**

**FEATURES** Bandpass filter. +6dB operating level. 2 balanced 1/4" and 2 XLR inputs. 2 balanced 1/4" and 2 XLR outputs. Uses LCR filter network via Sovtek 12AX7 tubes.

**DIMENSIONS** 2U rackmount.

**SPECK**

**EQ16-16**

**FEATURES** -10/+4dBu, line operating levels. 16 balanced 1/4" inputs. 16 balanced 1/4" outputs. 16 independent channels of 3-band sweepable EQ.

**DIMENSIONS** 3U rackmount. 25 lbs.

**EQ16-32**

**FEATURES** -10/+4dBu operating levels. 32 balanced 1/4" inputs. 32 balanced 1/4" outputs. 16 channels of stereo 3-band EQ.

**DIMENSIONS** 3U rackmount. 25 lbs.

**STUDIOMASTER**

**SEQ-152**

**FEATURES** -10/+4dBu, line operating level. 2 balanced 1/4", 2 unbalanced 1/4", and 2 XLR inputs. 2 balanced 1/4", 2 unbalanced 1/4", and 2 XLR outputs. EQ defeat, 30Hz subsonic filter, and 6/15dB selectable range switches with LED status. Constant-Q technology. ISO standard center frequencies. Servo-balanced outputs.

**DIMENSIONS** 2U rackmount. 14 lbs.

**SEQ-311**

**FEATURES** -10/+4dBu, line operating levels. Single balanced 1/4", unbalanced 1/4", and XLR inputs. Single balanced 1/4", unbalanced 1/4", and XLR outputs. EQ defeat, 30Hz subsonic filter, and 6/15dB selectable range switches with LED status. Constant-Q technology. ISO standard center frequencies. Servo-balanced outputs. Optional security cover.

**DIMENSIONS** 2U rackmount. 13 lbs.

**SWEETWATER SOUND**

**ORAM HD EQ-2 High Definition Equalizer**

**FEATURES** Bandpass, band-reject, and shelving filters. -10/-4dBu, line operating levels. 2 balanced 1/4" and XLR inputs. 2 balanced 1/4" and XLR outputs. EQ Magic British circuitry.

**DIMENSIONS** 3U rackmount.

**SYMETRIX**

**531E Graphic Equalizer**

**FEATURES** Bandpass, shelving filters. +4dBu operating level. Single balanced 1/4", unbalanced 1/4", and XLR inputs. Single balanced 1/4", unbalanced 1/4", and XLR outputs. 60mm metal shaft faders. Sweepable highpass and lowpass filters. Servo-balanced output eliminates DC offset. Direct-coupled inputs and outputs.

**DIMENSIONS** 2U rackmount. 11 lbs.

**532E Graphic Equalizer**

**FEATURES** Bandpass, shelving filters. +4dBu operating level. 2 balanced 1/4", 2 unbalanced 1/4", and 2 XLR inputs. 2 balanced 1/4", 2 unbalanced 1/4", and 2 XLR outputs. 20mm metal shaft faders. Sweepable highpass and lowpass filters. Servo-balanced output eliminates DC offset. Direct-coupled inputs and outputs.

**DIMENSIONS** 2U rackmount. 11 lbs.

**533E Graphic Equalizer**

**FEATURES** Bandpass, shelving filters. +4dBu operating level. 2 balanced 1/4", 2 unbalanced 1/4", and 2 XLR inputs. 2 balanced 1/4", 2 unbalanced 1/4", and 2 XLR outputs. 45mm metal shaft faders. Sweepable highpass and lowpass filters. Servo-balanced output eliminates DC offset. Direct-coupled inputs and outputs.

**DIMENSIONS** 3U rackmount. 11 lbs.

**551E Parametric Equalizer**

**FEATURES** Bandpass, band-reject, and shelving filters. +4dBu operating level. Single balanced 1/4", unbalanced 1/4", and XLR inputs. Single balanced 1/4", unbalanced 1/4", and XLR outputs. Five identical, overlapping EQ bands. High cut and low cut filters. Servo-balanced output eliminates DC offset. Direct-coupled inputs and outputs. THD and noise <0.002%.

**DIMENSIONS** 1U rackmount. 8 lbs.

**552E Parametric Equalizer**

**FEATURES** Bandpass, band-reject, and shelving filters. +4dBu operating level. 2 balanced 1/4", 2 unbalanced 1/4", and 2 XLR inputs. 2 balanced 1/4", 2 unbalanced 1/4", and 2 XLR outputs. Five identical, overlapping EQ bands. High-cut and low-cut filters. Servo-balanced output eliminates DC offset. Direct-coupled inputs and outputs. THD and noise <0.002%.

**DIMENSIONS** 2U rackmount. 11 lbs.

**T.C. ELECTRONIC**

**TC2240**

**FEATURES** -10/+4dB operating levels. 2 balanced 1/4" and 2 XLR inputs. 2 balanced 1/4" and 2 XLR outputs.

**DIMENSIONS** 2U rackmount. 8 lbs.

**TUBE-TECH**

**EQ-1A**

**FEATURES** Shelving filter. +4dB operating level. Single balanced 1/4" and XLR inputs. Single balanced 1/4" and XLR outputs. Optional EQ IAM replaces pots with 12-position switches for mastering purposes, \$5,695.

**DIMENSIONS** 2U rackmount. 12 lbs.

**ME-1B**

**FEATURES** +4dB operating level. Single XLR inputs. Single XLR outputs. Tube EQ.

**DIMENSIONS** 2U rackmount. 7 lbs.

**PE-1C**

**FEATURES** Shelving filter. +4dB operating level. 2 XLR inputs. 2 XLR outputs.

**DIMENSIONS** 3U rackmount. 9 lbs.

**WHITE INSTRUMENTS**

**4200A**

**FEATURES** Bandpass filter. -10/+4dBu operating levels. Screw-type input/output section terminals. Optional 4390 input transformer, 4391 single output transformer, 4392 dual output transformer, 4393 triple output transformer, 4464A pink noise generator, and 4533A pink/white noise generator plug-ins. Plastic or metal security cover. 2- or 3-way crossover.

**DIMENSIONS** 2U rackmount. 8lbs.

**4400**

**FEATURES** Bandpass filter. -10/+4dBu operating levels. Screw-type input/output section terminals. Optional 4390 input transformer, 4391 single output transformer, 4392 dual output transformer, 4393 triple output transformer, 4464A pink noise generator, and 4533A pink/white noise generator plug-ins. Plastic or metal security cover. 2- or 3-way crossover, 6, 12, 18, and 24dB per octave.

**DIMENSIONS** 2U rackmount. 8lbs.

**4675**

**FEATURES** Bandpass, highpass, lowpass filters. -10/+4dBu, line operating levels. 2 XLR inputs. 2 XLR outputs. Plastic or metal security cover.

**DIMENSIONS** 2U rackmount. 7 lbs.

**4828**

**FEATURES** Bandpass, highpass, lowpass filters. -10/+4dBu, line operating levels. Single balanced 1/4", unbalanced 1/4", and XLR inputs. Single balanced 1/4", unbalanced 1/4", and XLR outputs. Optional metal or plastic security cover. 20dB gain. EQ in/out switch. 60mm slide faders. 7-segment LED headroom indicator. CE approved.

**DIMENSIONS** 2U rackmount. 7 lbs.

**4856 Dual Channel 1/3-Octave EQ**

**FEATURES** Bandpass, highpass, and lowpass filters. -10/+4dBu operating levels. 2 XLR inputs. 2 XLR outputs. 45mm linear potentiometers. Adjustable 0+20dB gain. Separate fixed 100Hz subwoofer out. EQ in/out switch.

**DIMENSIONS** 3U rackmount. 9.5 lbs.

**XTA**

**DP202EQ**

**FEATURES** Notch, shelving, and crossover filters. 2 XLR analog inputs. 2

XLR analog outputs. 2 AES/EBU digital I/O, optional optical I/O. 40 user-storable settings. MIDI controllable. Optional transformer balancing for ins/outs. Software bundle included.

**DIMENSIONS** 1U rackmount. 7 lbs., 8 oz.

**DP226**

**FEATURES** Notch, shelving, and crossover filters. 2 XLR inputs. 6 XLR outputs. 2 AES/EBU digital I/O inputs, 6 AES/EBU digital I/O outputs, optional optical I/O. 40 user-storable settings. MIDI controllable. Optional transformer balancing for ins/outs. Software bundle included.

**DIMENSIONS** 1U rackmount. 7 lbs., 8 oz.

**GQ600 Graphic Equalizer**

**FEATURES** Shelving filter. High frequency trim. 2 XLR inputs. 2 XLR outputs. Optional transformer balancing for ins/outs.

**DIMENSIONS** 2U rackmount. 11 lbs.

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**L1 ULTRAMAXIMIZER.** Burn hot CDs, with maximum resolution! Maximize levels with minimum distortion, and maximize resolution with IDR (Increased Digital Resolution) dithering/rounding system. The Ultramaximizer combines Lookahead™ peak limiting with advanced requantization for maximum level and highest resolution in all audio applications, from CD mastering to multimedia.

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**Q10 PARAGRAPHIC EQ.** Surgical-precision 10-band parametric equalizer with select-and-drag graphic display. Huge 200+ setup library with EQs, design tools, de-emphasis curves, too much to describe. Q10 provides precision control of EQ from subtle to extreme. Ideal for any aspect of audio production. Q10 works in mono or stereo with 1 to 10 bands of equalization.

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# Audio Interfaces

AUDIO INTERFACES

SOUNDCARDS

FORMAT CONVERTERS



Digital audio interfaces are fueling the current surge in computer-based recording. For a modest investment, you can outfit your PC with a card that will take whatever audio you throw at it and slap

it on your hard drive. Some cards are simple affairs with no more than a stereo input and a stereo output, while others are multi-channel monsters that can take in all tracks of a multitrack tape recorder simultaneously. Many come bundled with software that can aid you in getting your recording from idea to CD.

Soundcards are distinct from audio interfaces in that they produce sound themselves. Some are designed for high-quality music applications and some are intended for use with games. You'll find soundcards on page 109.

With the proliferation of digital audio recording systems, there has been a corresponding rise in the number of audio formats. What do you do when you're faced with two incompatible formats? Get a format converter, such as the ones found on page 111.

# Vital Stats: Audio Interfaces

See listings on page 107.

MODEL	CONNECTORS & FORMATS	CARD TYPE	SYSTEM REQUIREMENTS	MSRP
<b>Alesis ADAT-PCR</b>	ADAT I/O.	PCI card.	Win 95, Win NT, and MacOS-compatible.	\$499
<b>Antex Electronics StudioCard 2000</b>	ANALOG I/O: 4 XLR inputs, 4 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O.	PCI card.	Win 95-compatible. Minimum computer requirements: 486MHz Pentium processor preferred.	\$1,595
<b>Creamware A-16, A-8</b>	ANALOG I/O: 16 balanced 1/4" inputs. 16 unbalanced 1/4" inputs. 16 balanced 1/4" outputs. 16 unbalanced 1/4" outputs. DIGITAL I/O: 4 optical I/O. 16 ADAT I/O.	ADAT optical card.	Any PC or Mac-compatible.	\$1,298 / 898
<b>Creamware Pulsar</b>	ANALOG I/O: 2 balanced 1/4" inputs. 2 unbalanced 1/4" inputs. 2 balanced 1/4" outputs. 2 unbalanced 1/4" outputs. DIGITAL I/O: 4 optical I/O. 16 ADAT I/O.	PCI card.	Win 95-, Win NT-, and MacOS-compatible. Minimum computer requirements: P200.	\$1,298
<b>Creamware Scope</b>		PCI card.	Win 95-, Win NT-, and MacOS-compatible. Minimum computer requirements: P200.	\$6,500
<b>Creamware TDATE16</b>	ANALOG I/O: 2 unbalanced 1/4" outputs. DIGITAL I/O: 4 optical I/O. 16 ADAT I/O.	PCI card.	Win 95-compatible. Minimum computer requirements: P200, 32MB RAM, 4MB video card.	\$2,198
<b>Digidesign 888 24 I/O Audio Interface</b>	ANALOG I/O: 8 XLR inputs, 8 XLR outputs. DIGITAL I/O: 4 AES/EBU I/O. 1 coaxial (RCA) I/O. 8 channels I/O.	Connects to d24 (PT24) or Disk I/O card (PTIII) card.	MacOS-compatible. Minimum computer requirements: for use with Pro Tools 24 or Pro Tools III systems.	\$3,495
<b>Digidesign 882 20 I/O Audio Interface</b>	ANALOG I/O: 8 balanced 1/4" inputs. 8 balanced 1/4" outputs. DIGITAL I/O: 2 coaxial (RCA) I/O.		MacOS-compatible.	\$1,195
<b>Digidesign ADAT Bridge I/O</b>	DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. 2 ADAT I/O. 16 channels ADAT I/O.	PCI card.	MacOS-compatible.	\$1,195
<b>Digidesign Audiomedia III PCI</b>	ANALOG I/O: 2 RCA inputs, 2 RCA outputs. DIGITAL I/O: 1 - S/PDIF RCA I/O.	PCI card.	Win 3.1-, Win 95-, Win NT-, and MacOS-compatible. Minimum computer requirements: 75MHz or more; 7" PCI card slot, independent.	\$795
<b>Digital Audio Labs CardD (digital only)</b>	DIGITAL I/O: 2 coaxial (RCA) I/O.	ISA/EISA card.	Win 3.1-, Win 95-, and Win NT-compatible. Minimum computer requirements: 1 16-bit ISA slot.	\$395
<b>Digital Audio Labs CardD Plus</b>	ANALOG I/O: 2 RCA inputs, 2 RCA outputs. DIGITAL I/O: 2 coaxial (RCA) I/O.	ISA/EISA card.	Win 3.1-, Win 95-, and Win NT-compatible. Minimum computer requirements: 11-bit ISA slot.	\$595
<b>Edirol AudioCanvas UA-100</b>	ANALOG I/O: 2 unbalanced 1/4" inputs, 2 RCA inputs, 2 RCA outputs. DIGITAL I/O: 1 optical output.	USB-connected external half-rack desktop unit.	Win 98-compatible. Minimum computer requirements: Pentium 166 w/32MB RAM, USB Port, Win 98.	\$495
<b>Emagic Audiowerk 8 Home Studio Kit</b>	ANALOG I/O: 2 RCA inputs, 8 RCA outputs. DIGITAL I/O: 1 coaxial (RCA) I/O.	PCI card.	Win 95- and MacOS-compatible. Minimum computer requirements: 100MHz Pentium, 32MB RAM, PCI expansion slot 100MHz PPC, 32MB RAM, PCI expansion slot.	\$799
<b>Event Layla</b>	ANALOG I/O: 8 1/4" inputs, 10 1/4" outputs. DIGITAL I/O: 1 coaxial (RCA) I/O.	PCI card.	Win 95- and MacOS-compatible. Minimum computer requirements: Pentium 133 w/32MB RAM.	\$999
<b>Event Gina</b>	ANALOG I/O: 2 1/4" inputs, 8 1/4" outputs. DIGITAL I/O: 1 coaxial (RCA) I/O.	PCI card.	Win 95- and MacOS-compatible. Minimum computer requirements: Pentium 133 w/32MB RAM.	\$499
<b>Event Darla</b>	ANALOG I/O: 2 RCA inputs, 8 RCA outputs.	PCI card.	Win 95 and MacOS-compatible. Minimum computer requirements: Pentium 133 w/32MB RAM.	\$349
<b>Frontier Design WaveCenter</b>	DIGITAL I/O: 1 optical I/O. 1 coaxial (RCA) I/O. 1 ADAT I/O.	ISA/EISA card.	Win 95-compatible. Minimum computer requirements: 486 or Pentium processor, 16-bit ISA slot, 1 hardware interrupt, 16KB of adapter space.	\$498
<b>Gadget Wave/4 PC audio card</b>	ANALOG I/O: 4 RCA inputs, 4 RCA outputs.	ISA/EISA card.	Win 95-, Win NT-, and DirectSound-compatible. Minimum computer requirements: Pentium or compatible at 90MHz	\$259.95
<b>Gadget Wave/8*24 PC recording interface</b>	ANALOG I/O: 8 balanced 1/4" inputs. XXX unbalanced 1/4" inputs. 2 XLR inputs, 8 balanced 1/4" outputs. XXX unbalanced 1/4" outputs. 2 XLR outputs. DIGITAL I/O: 1 coaxial (RCA) I/O. S/PDIF option I/O.	PCI card.	Win 95-, Win NT-, and DirectSound-compatible. Minimum computer requirements: Pentium or compatible at 166MHz.	\$499.95
<b>Korg 12/12 IO</b>	ANALOG I/O: 2 balanced 1/4" inputs, 2 balanced 1/4" outputs. DIGITAL I/O: 1 coaxial (RCA) I/O. 1 ADAT I/O.	PCI card.	Win 95- and MacOS-compatible. Minimum computer requirements: Any PCI equipped MacOS-compatible or Win 95 computer (100MHz pentium minimum recommended).	\$900
<b>Kurzweil DMTi - Digital Multi-Track Interface</b>	DIGITAL I/O: 2 AES/EBU inputs, 4 AES/EBU outputs. 1 optical I/O. 2 coaxial (RCA) inputs, 4 coaxial (RCA) outputs. 1 T/DIF I/O. 1 ADAT I/O. KDS 1 I/O.	Stand-alone unit - can connect via KDS to K2500 card.		\$1,310 base \$1,495 w/ TDIF card. \$1,595 w/ADAT card.

MODEL	CONNECTORS & FORMATS	CARD TYPE	SYSTEM REQUIREMENTS	MSRP
<b>Lexicon Studio System 12T</b>			Minimum computer requirements: PCI card for Windows 95, Mac OS, 200MHz processor, 64MB RAM.	\$2,999
<b>Lucid Technology PCI24</b>	DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O.	PCI card.	Win 95- and MacOS-compatible. Minimum computer requirements: 16MB RAM (32MB recommended); CPU speed greater than 75MHz for stereo applications and greater than 120MHz for multitrack applications; Power Mac with available 7" PCI slot; Mac OS 7.5.5, 7.6.1 or 8.0; Sound control panel 8.0.3 or greater; Pentium 90 for PC operation.	\$449
<b>Lucid Technology NB24</b>	DIGITAL I/O: 1 coaxial (RCA) I/O.	NuBus card.	MacOS-compatible. Minimum computer requirements: Mac with an available 7" NuBus slot; CPU speed greater than 20MHz for stereo applications and greater than 50MHz for multitrack applications; 12MB RAM (24MB recommended); Mac OS 7.5.x, 7.6.1, or 8.0; Sound control panel 8.0.3 or greater; Apple Sound Manager 3.1 or greater (for pre 7.5.3r2 Mac OS).	\$399
<b>MOTU Audio 2408</b>	ANALOG I/O: 8 RCA inputs. 2 balanced 1/4" outputs. 8 RCA outputs. DIGITAL I/O: 1 coaxial (RCA) input, 2 coaxial (RCA) output. 3 ADAT I/O.	PCI card.	Win 95-compatible. Minimum computer requirements: computer hardware requirements determined by whatever audio software you choose to run.	\$995
<b>Digital Wings for Audio Elite</b>	ANALOG I/O: 4 balanced 1/4" inputs. 4 unbalanced 1/4" inputs. 4 balanced 1/4" outputs. 4 unbalanced 1/4" outputs. DIGITAL I/O: 1 coaxial (RCA) I/O.	PCI card.	Win 95-compatible. Minimum computer requirements: 133MHz Pentium processor, 32MB RAM, 15" monitor.	\$1,248
<b>Midiman Dman</b>	Stereo line level inputs and outputs. Auxiliary stereo input is mixed with main stereo inputs. High impedance microphone input. MIDI interface and cable included. Built-in MPU-401 (UART mode) interface provides 1 MIDI in and 1 MIDI out (16 MIDI channels).	ISA.	Windows 95 Plug-and-Play compatibility. Windows 3.1 drivers also included.	\$249.95
<b>SEK'D ProDIF Gold</b>	DIGITAL I/O: 2 S/PDIF optical I/O. 2 S/PDIF coaxial (RCA) I/O. 8 ADAT I/O.	PCI card.	Win 95, Win NT, and MacOS-compatible. Minimum computer requirements: Mac PowerPC. PC: Pentium 90, WIN 95, 98, NT.	\$699
<b>SEK'D ProDIF 32</b>	DIGITAL I/O: 2 optical I/O. 2 coaxial (RCA) I/O.	PCI card.	Win 95-, Win NT-, and MacOS-compatible. Minimum computer requirements: Mac PowerPC, Pentium 90.	\$599
<b>SEK'D ProDIF 24</b>	ANALOG I/O: 2 balanced 1/4" outputs. DIGITAL I/O: 2 AES/EBU I/O. 2 optical I/O. 2 coaxial (RCA) I/O.	ISA/EISA card.	Win 95-compatible. Minimum computer requirements: 486/66 16MB RAM, 1GB hard drive.	\$399
<b>SEK'D ProDIF 96</b>	ANALOG I/O: 2 XLR outputs. DIGITAL I/O: 2 AES/EBU I/O. 2 optical I/O. 2 coaxial (RCA) I/O.	PCI card.	Win 95-, Win NT-, and MacOS-compatible. Minimum computer requirements: Mac: Power Mac PC: Pentium 90, Windows 95, 98, NT.	\$799
<b>Sonorus Studi/o</b>	ANALOG I/O: 1 unbalanced 1/4" output. 2 ADAT I/Os.	PCI card.	Win 95-, Win NT-, MacOS-, and LINUX-compatible. Minimum computer requirements: PC: 133MHz Pentium, 32MB RAM, PCI slot. Mac: 120MHz 604 processor, 48MB RAM, PCI slot.	\$849
<b>Turtle Beach Multisound Fiji</b>	ANALOG I/O: 3 1/8" inputs. 1 1/8" outputs. DIGITAL I/O: 1 coaxial (RCA) I/O.	ISA/EISA card.	Win 3.1-, Win 95-, and Win NT-compatible. Minimum computer requirements: PC with Windows 3.1, 95 or NT 4.0. 486 DX2/66. 8MB RAM (16MB recommended).	\$359.95; \$399.95 with digital I/O.
<b>Wave Distribution MusicNet AD24/DA 24</b>	ANALOG I/O: 8 XLR inputs. 8 XLR outputs. 8 ADAT I/O.	XLR to Slink card.		\$749 (AD24) \$549 (DA24)

## Audio Interfaces

See chart on page 106

### ALESIS

#### ADAT-PCR Recording System

**DESCRIPTION** Dig audio interface card for MT record.

**COMPATIBILITY** Supports .WAV, AIFF, and SDII audio file formats.

**HARDWARE** Audio connectors on board.

**AUDIO RECORDING** 44.1kHz and 48kHz sample rates supported. 8 simultaneous audio playback channels. 8 simultaneous audio record channels.

### ANTEX ELECTRONICS

#### StudioCard 2000

**COMPATIBILITY** Supports .WAV audio file formats. Supports General MIDI protocols.

**HARDWARE** Audio connectors on breakout cable or box. MIDI plugs on board. MIDI plugs on breakout cable/box.

**AUDIO RECORDING** 11.025kHz, 22.05kHz, 44.1kHz, and 48kHz sample rates supported. 20-bit A/D, 20-bit D/A bit depth. 4 simultaneous audio playback channels. 4 simultaneous audio record channels.

**OTHER FEATURES** Digital cable set includes all cables for internal video board connection, balanced XLR I/O breakout cables, AES/EBU and S/PDIF digital I/O with XLR connectors. Standard MIDI interface to sequencing software. Built-in header for second stereo digital input/output field via field-installable expansion card. Audio for non-linear digital video editing.

### CREAMWARE

#### A-16, A-8

**DESCRIPTION** 19" rackmount AD/DA.

**HARDWARE** Audio connectors on breakout cable or box.

**AUDIO RECORDING** 18-bit A/D, 18-bit D/A bit depth. 16 simultaneous audio playback channels. 16 simultaneous audio record channels.

**OTHER FEATURES** 128x oversampling, Word clock In and Out.

#### Pulsar

**DESCRIPTION** Digital audio interface card for multitrack recording.

**COMPATIBILITY** Supports .WAV and AIFF audio file formats. Supports General MIDI protocols.

**HARDWARE** Audio connectors on board. MIDI plugs on board.

**AUDIO RECORDING** 44.1kHz, 48kHz, and 96kHz sample rates supported. 24 A/D, 24 D/A bit depth. 20+ simultaneous audio playback channels. 20+ simultaneous audio record channels.

**OTHER FEATURES** Includes sample player, synthesis, DSP, and 24 channels of digital mixing with FX.

#### Scope

**DESCRIPTION** Digital audio interface card for multitrack recording.

**COMPATIBILITY** Supports Roland MPU-401, General MIDI, and Scope protocols.

**HARDWARE** Audio connectors on breakout cable or box. Daughterboard upgrade available.

**AUDIO RECORDING** 22.05kHz, 44.1kHz, 48kHz, and 96kHz sample rates supported. 24 A/D, 24 D/A bit depth.

**OTHER FEATURES** I/O formats and number of channels are dependent of optional formats chosen. Scope has virtually unlimited capacity for both.

#### TDAT16

**DESCRIPTION** Digital audio interface card for multitrack recording.

**COMPATIBILITY** Supports .WAV audio file formats.

**CreamWare Pulsar**

Reader Service No. 218

**HARDWARE** Audio connectors on board.

**AUDIO RECORDING** 44.1kHz and 48kHz sample rates supported. 18 D/A bit depth. 16 simultaneous audio playback channels. 16 simultaneous audio record channels.

**OTHER FEATURES** ADAT 9-pin sync included. CreamWare tripleDAT DAW software included. Optional A8 or A16 for 16 analog AD/DA in external rackmount with Wordclock I/O.

**DIGIDESIGN****882|20 I/O Audio Interface**

**DESCRIPTION** Rackmount analog and digital I/O.

**HARDWARE** Audio connectors on board.

**AUDIO RECORDING** 44.1kHz and 48kHz sample rates supported. 20, 24 digital A/D, 20, 24 digital D/A bit depth. 8 simultaneous audio playback channels. 8 simultaneous audio record channels.

**888|24 I/O Audio Interface**

**DESCRIPTION** Analog and digital audio I/O.

**HARDWARE** Audio connectors on board.

**AUDIO RECORDING** 44.1kHz and 48kHz sample rates supported. 24 A/D, 24 D/A bit depth.

**ADAT Bridge I/O**

**DESCRIPTION** ADAT-to-Pro Tools digital I/O.

**AUDIO RECORDING** 44.1kHz and 48kHz sample rates supported. 20 D/A bit depth.

**OTHER FEATURES** Dumps 16 ADAT tracks into Pro Tools in a single pass. Multiple ADAT Bridges can be combined for up to 72 channels of discrete ADAT optical I/O. Links Pro Tools to any digital mixing console with an ADAT optical card, compatible with any digital audio sequencer that is Pro Tools 4.1x compatible, compatible with ADAT BRC. Supports 20-bit digital transfers from Alesis M20, XT20 or LX20 tracks into Pro Tools|24.

**Audiomedia III PCI**

**DESCRIPTION** Digital audio interface card for multitrack recording.

**HARDWARE** Audio connectors on board.

**AUDIO RECORDING** 11.025kHz, 22.05kHz, 44.1kHz, and 48kHz sample rates supported. 18 A/D, 18 D/A bit depth.

**DIGITAL AUDIO LABS****CardD (digital only)**

**DESCRIPTION** Digital .WAV in/out.

**COMPATIBILITY** Supports .WAV audio file formats. Also supports .SND. Supports Sound Blaster protocols.

**HARDWARE** Audio connectors on board.

**AUDIO RECORDING** 44.1kHz, 48kHz, and 32kHz sample rates supported. Number of simultaneous audio playback channels depends on soft-

ware. 2 simultaneous audio record channels.

**CardD Plus**

**DESCRIPTION** Stereo .WAV record/playback.

**COMPATIBILITY** Supports .WAV audio file formats. Also supports .SND. Supports Sound Blaster protocols.

**HARDWARE** Audio connectors on board.

**AUDIO RECORDING** 11.025kHz, 22.05kHz, 44.1kHz, and 48kHz sample rates supported. 16-bit A/D, 16-bit D/A bit depth. Number of simultaneous audio playback and record channels depends on software.

**OTHER FEATURES** CardD Plus may also be used as a stereo I/O interface for the Digital Audio Labs V8 studio system.

**EDIROL**

# EDIROL

**AudioCanvas UA-100**

**DESCRIPTION** Digital audio interface card for multitrack recording.

**COMPATIBILITY** Supports .WAV audio file formats.

**HARDWARE** Audio connectors on board. MIDI plugs on board.

**AUDIO RECORDING** 44.1kHz sample rates supported. 20 A/D, 20 D/A bit depth. 2 simultaneous audio playback channels. 2 simultaneous audio record channels.

**OTHER FEATURES** 2 MIDI in/2 MIDI out Multi-effects processor (80+ effects) w/ "Digital domain" effects loop [and] MIDI control Vocal Harmonizer (dual voice, MIDI control) Roland Noise suppression [and] Mic Simulation Direct guitar input.

**Edirol AudioCanvas UA-100**

Reader Service No. 217

**EMAGIC****Amiowerk 8 Home Studio Kit**

**COMPATIBILITY** Supports .WAV, AIFF, and SDII audio file formats.

**HARDWARE** Audio connectors on breakout cable or box.

**AUDIO RECORDING** 44.1kHz and 48kHz sample rates supported. 18 A/D, 18 D/A bit depth. Unlimited simultaneous audio playback channels. 2 simultaneous audio record channels.

**OTHER FEATURES** Comes bundled with Logic Audio Discovery (Mac and PC), VWR (Mac and PC), ZAP (Mac), Cool Edit Pro LE (PC).

**EVENT ELECTRONICS****Darla**

**DESCRIPTION** Multi I/O soundcard.

**COMPATIBILITY** Supports .WAV, AIFF, and SDII audio file formats.

**HARDWARE** Audio connectors on board.

**AUDIO RECORDING** 22.05kHz, 44.1kHz, 48kHz, and 32k sample rates supported. 20 A/D, 20 D/A bit depth. 8 simultaneous audio playback channels. 2 simultaneous audio record channels.

**OTHER FEATURES** 24-bit internal processing, 128x oversampling converters.

**Gina**

**DESCRIPTION** Multi I/O soundcard.

**COMPATIBILITY** Supports .WAV, AIFF, and SDII audio file formats.

**HARDWARE** Audio connectors on breakout cable or box.

**AUDIO RECORDING** 22.05kHz, 44.1kHz, 48kHz, and 32k sample rates supported. 20 A/D, 20 D/A bit depth. 10 simultaneous audio playback channels. 4 simultaneous audio record channels.

**OTHER FEATURES** 24-bit internal processing, 128x oversampling converters.

**Layla**

**DESCRIPTION** MIDI/.WAV card.

**COMPATIBILITY** Supports .WAV, AIFF, and SDII audio file formats. Supports Roland MPU-401 protocols.

**HARDWARE** Audio connectors on board. MIDI plugs on breakout cable box.

**AUDIO RECORDING** 8k-50k sample rates supported. 20 bit A/D, 20 bit D/A bit depth. 12 simultaneous audio playback channels. 10 simultaneous audio record channels.

**OTHER FEATURES** 24 bit internal processing, 128x oversampling converters.

**FRONTIER DESIGN****.waveCenter**

**DESCRIPTION** Digital audio interface card for multitrack recording.

**COMPATIBILITY** Supports .WAV audio file formats.

**HARDWARE** Audio connectors on board. MIDI plugs on breakout cable/box.

**AUDIO RECORDING** 44.1kHz, 48kHz, and 39kHz-51kHz sample rates supported. 10 simultaneous audio playback channels. 8 simultaneous audio record channels.

**OTHER FEATURES** 16-24 bit audio transfers, real-time digital audio format conversion, audio transfers from CD-ROM, 1 MIDI input and 3 MIDI outputs.

**GADGET LABS****.wave/4 PC audio card**



Kurzweil DMTi - Digital Multi-Track Interface

Reader Service No. 211

**DESCRIPTION** Digital audio interface card for multitrack recording.

**COMPATIBILITY** Supports .WAV audio file formats. Supports General MIDI protocols.

**HARDWARE** Audio connectors on breakout cable or box. MIDI plugs on breakout cable/box.

**AUDIO RECORDING** 11.025kHz, 22.05kHz, 44.1kHz, 48kHz, and 16, 24, 32 sample rates supported. 16 A/D, 16/18 D/A bit depth. 4 simultaneous audio playback channels. 4 simultaneous audio record channels.

**OTHER FEATURES** Includes Gold.wave audio editor, optional Kurzweil .wavetable daughterboard, GM-compatible synth.

### .wave/8\*24 PC recording interface

**DESCRIPTION** Digital audio interface card for multitrack recording.

**COMPATIBILITY** Supports .WAV audio file formats. Supports General MIDI protocols.

**HARDWARE** Audio connectors on breakout cable or box. MIDI plugs on breakout cable/box.

**AUDIO RECORDING** 11.025kHz, 22.05kHz, 44.1kHz, 48kHz, and 16, 24, 32 sample rates supported. 24 A/D, 24 D/A bit depth. 8 simultaneous audio playback channels. 8 simultaneous audio record channels.

**OTHER FEATURES** All connections support +4dBu and -10 dBv. Optional S/PDIF card, 24-bit digital I/O.

### KORG

#### 12/12 IO

**DESCRIPTION** Digital audio interface card for multitrack recording.

**COMPATIBILITY** Supports .WAV, AIFF, and SDII audio file formats.

**HARDWARE** Audio connectors on breakout cable or box.

**AUDIO RECORDING** 44.1kHz and 48kHz sample rates supported. 20 A/D, 18 D/A bit depth. 12 simultaneous audio playback channels. 12 simultaneous audio record channels.

### KURZWEIL

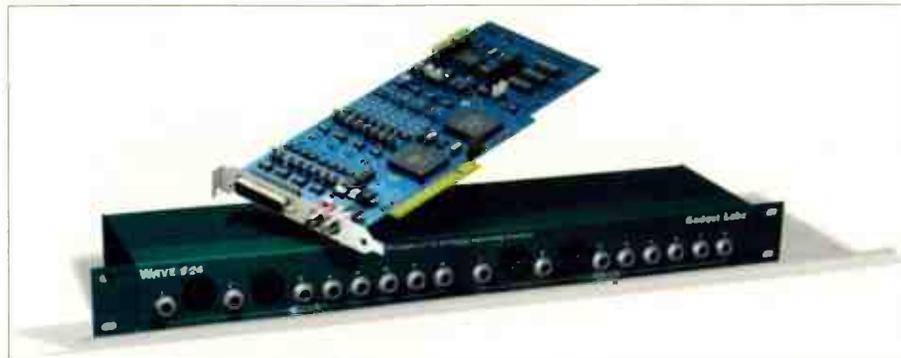
## KURZWEIL®

### DMTi - Digital Multi-Track Interface

**DESCRIPTION** Stand-alone digital signal converter.

**HARDWARE** Audio connectors on board.

**AUDIO RECORDING** 44.1kHz, 48kHz, and 38kHz-53kHz sample rates supported. 8 simultaneous audio playback channels. 8 simultaneous audio record channels.



Gadget Labs Wave/4 PC audio card

Reader Service No. 219

### LEXICON

#### Lexicon Studio System 12T

### LUCID TECHNOLOGY

#### PCI24

**DESCRIPTION** Digital I/O soundcard.

**AUDIO RECORDING** 44.1kHz, 48kHz, and 32 sample rates supported. 2 simultaneous audio playback channels. 2 simultaneous audio record channels.

**OTHER FEATURES** On-board 24-bit DSP chip; Real-time sample rate conversion on inputs; Precision clock oscillators for low jitter; Optional version bundled with Sound Forge XP.

#### NB24

**DESCRIPTION** Digital I/O soundcard.

**HARDWARE** Audio connectors on board.

**AUDIO RECORDING** 22.05kHz and 48kHz sample rates supported. 2 simultaneous audio playback channels. 2 simultaneous audio record channels.

**OTHER FEATURES** Onboard 24-bit processing chip. Precision clock oscillators for low jitter.

### MARK OF THE UNICORN

#### MOTU Audio 2408

**DESCRIPTION** Digital audio interface card for multitrack recording.

**COMPATIBILITY** Supports .WAV, AIFF, and SDII audio file formats.

**AUDIO RECORDING** 44.1kHz and 48kHz sample rates supported. 24 A/D, 24 D/A bit depth. 24 simultaneous audio playback channels. 24 simultaneous audio record channels.

**OTHER FEATURES** Expandable to 72 channels of I/O.

### METALITHIC

#### Digital Wings for Audio Elite

**DESCRIPTION** Digital audio interface card for multitrack recording.

**COMPATIBILITY** Supports SMP, VOC, .WAV, and AIFF audio file formats.

**HARDWARE** Audio connectors on breakout cable or box. MIDI plugs on board.

**AUDIO RECORDING** 11.025kHz, 22.05kHz, 44.1kHz, 48kHz, and 8-32-bit sample rates supported. XXX not sure about sample rate info.

**OTHER FEATURES** Software included.

### MIDIMAN

#### Dman

**DESCRIPTION** Digital audio interface card.

**AUDIO RECORDING** 16-bit A/D and D/A converters. Sample rates of

11.025kHz, 44.1kHz and 48kHz.

**OTHER FEATURES** Built-in, standard .wavetable header for addition of any .wavetable daughterboard (optional).

### SEK'D

#### ProDIF Gold

**DESCRIPTION** ADAT digital audio card.

**COMPATIBILITY** Supports .WAV and AIFF audio file formats.

**AUDIO RECORDING** 22.05kHz, 44.1kHz, and 48kHz sample rates supported. 10 simultaneous audio playback channels. 8 simultaneous audio record channels.

#### ProDIF 32

**DESCRIPTION** Digital soundcard.

**COMPATIBILITY** Supports .WAV, AIFF, and SDII audio file formats.

**AUDIO RECORDING** 22.05kHz, 44.1kHz, and 48kHz sample rates supported. 2 simultaneous audio playback channels. 2 simultaneous audio record channels.

### SEK'D

#### ProDIF 24

**DESCRIPTION** Digital audio interface card for multitrack recording.

**COMPATIBILITY** Supports VOC, .WAV, and AIFF audio file formats.

**HARDWARE** Audio connectors on board.

**AUDIO RECORDING** 44.1kHz and 48kHz sample rates supported. 2 simultaneous audio playback channels. 2 simultaneous audio record channels.

**OTHER FEATURES** 24-bit audio, No IRQ, 18-bit analog output.

#### ProDIF 96

**DESCRIPTION** Digital audio interface card for multitrack recording.

**COMPATIBILITY** Supports VOC, .WAV, and AIFF audio file formats.

**HARDWARE** Audio connectors on breakout cable or box.

**AUDIO RECORDING** 44.1kHz, 48kHz, and 96kHz sample rates supported. 20-bit D/A bit depth. 2 simultaneous audio playback channels. 2 simultaneous audio record channels.

### SONORUS

#### Studi/o

**DESCRIPTION** Digital audio interface card for multitrack recording.

**HARDWARE** Audio connectors on board. Daughterboard upgrade available.

**AUDIO RECORDING** 44.1kHz, 48kHz, and varispeed sample rates supported. 18 D/A bit depth. 16 simultaneous audio playback channels. 16 simultaneous audio record channels.

### TURTLE BEACH

#### Multisound Fiji

**DESCRIPTION** MIDI/.WAV card.

**COMPATIBILITY** Supports VOC and .WAV audio file formats. Supports MPC level II, Roland MPU-401, and General MIDI protocols.

**HARDWARE** Audio connectors on breakout cable or box. MIDI plugs on breakout cable/box. Daughterboard upgrade available.

**AUDIO RECORDING** 11.025kHz, 22.05kHz, 44.1kHz, and 48kHz sample rates supported. 20-bit A/D, 20-bit D/A bit depth.

### WAVE DISTRIBUTION

#### MusicNet AD24 and DA 24

**COMPATIBILITY** Supports analog XLR +4 dBm.

**HARDWARE** Audio connectors on breakout cable or box.

**AUDIO RECORDING** 44.1kHz and 48kHz sample rates supported. 24 A/D, 24 D/A bit depth. 8 simultaneous audio playback channels. 8 simultaneous audio record channels.

**OTHER FEATURES** Word Clock input/output, 7th order 64x oversampling delta-sigma converter architecture, 1/2 rack configuration.

## Soundcards

See chart on page 110.

### EMU ENSONIQ

#### EMU 8710 PS

**COMPATIBILITY** Supports General MIDI protocols.

**HARDWARE** Audio and MIDI connectors on breakout cable or box.

**AUDIO RECORDING** 11.025kHz, 22.05kHz, and 44.1kHz sample rates. 16-bit A/D, 16-bit D/A bit depth. 2 simultaneous audio playback channels. 2 simultaneous audio record channels.

**OTHER FEATURES** 32-voice polyphony. 300 programs in ROM. 8 drum kits. User-programmable. Effects. Includes 1/8" dynamic mono mic input. 2MB of SoundFont-compatible RAM allows .WAV files and SoundFont banks to be loaded.

# Vital Stats: Soundcards

See listings below.

MODEL	CONNECTORS & FORMATS	CARD TYPE	SYSTEM REQUIREMENTS	SYNTHESIZER	MSRP
<b>E-mu-Ensoniq EMU 8710 PS</b>	ANALOG I/O: 1/8" inputs, 1/8" outputs. DIGITAL I/O: optical output.	PCMCIA card.	Win 95-compatible. Minimum computer requirements: 100MHz Pentium, VGA monitor, 16MB of RAM.	16 multitimbral parts. Sample playback.	\$395
<b>Emu-Ensoniq EMU Audio Production Studio</b>	ANALOG I/O: 4 balanced 1/4" inputs, 2 balanced 1/4" outputs. DIGITAL I/O: 2 coaxial (RCA) I/O.	PCI card.	Win 95-compatible. Computer requirements, minimum: Pentium 133 w/32MB RAM, 800 x 600 256-color monitor. Recommended: Pentium 200+ w/64MB RAM, 1024 x 768 monitor, 1 PCI slot, 1 bracket space, 1 free drive bay for E-Drive.	32 multitimbral parts. Synthesis types: sample playback, SoundFont 2.1 sample format.	\$699
<b>Mediatrix Audiatrix 3D-XG</b>	ANALOG I/O: Two 1/8" inputs. Two 1/8" outputs.	ISA/EISA card.	Win 3.1-, Win 95-, Win NT-, DOS-, and OS/2 Warp-compatible. Minimum computer requirements: IBM PC, AT, or compatible, ISA or EISA expansion slot, 4MB RAM, 4MB hard disk space, CD-ROM drive.	16 multitimbral parts. Synthesis types: sample playback and FM synthesis.	\$295
<b>Tracer SAS Card</b>	ANALOG I/O: Two 1/8" inputs. Four 1/8" outputs. DIGITAL I/O: 1 optical I/O.	PCI card.	Win 95 and DOS-compatible. Minimum computer requirements: Pentium with Win '95 or '98.	64 multitimbral parts. Synthesis types: sample playback and FM synthesis.	\$199
<b>Turtle Beach Daytona PCI</b>	ANALOG I/O: Two 1/8" inputs. One 1/8" output.	PCI card.	Win 3.1, Win 95, Win NT, and DOS-compatible. Minimum computer requirements: PC equipped with Windows 95/NT 4.0 or later. Pentium 90MHz with 16MB RAM. Hard drive with 12MB. CD-ROM required for software installation.	Synthesis types: sample playback and physical modeling.	\$89.99
<b>Turtle Beach Malibu Surround 64</b>	ANALOG I/O: Two 1/8" inputs. One 1/8" output. DIGITAL I/O: 1 S/PDIF coaxial (RCA) output.	ISA/EISA card.	Win 3.1, Win 95, Win NT, and DOS-compatible. Minimum computer requirements: PC with Windows 3.1/95/98/NT 4.0 or later. 486 DX2/66 (Pentium 90 required for software synthesizer). 8MB RAM (16MB recommended). 8MB disk space.	Synthesis types: sample playback, physical modeling, and FM synthesis.	\$99.95
<b>Turtle Beach Montego A3DXstream</b>	ANALOG I/O: Two 1/8" inputs. One 1/8" output.	PCI card.	Win 3.1, Win 95, Win NT, DOS, and 98-compatible. Minimum computer requirements: PC with Windows 3.1/95/NT4.0/NT5.0 and 98. 75MHz Pentium CPU or higher. 16MB RAM (4MB required for wavetable instrument sounds, 3MB required for Windows NT.)	Synthesis types: sample playback and FM synthesis.	\$129.95
<b>Turtle Beach Multisound Pinnacle</b>	ANALOG I/O: Two 1/8" inputs. One 1/8" output. DIGITAL I/O: 1 coaxial (RCA) I/O.	ISA/EISA card.	Win 3.1, Win 95, and Win NT-compatible. Minimum computer requirements: PC with Windows 3.1, 95, 98 or NT 4.0. 486 DX2/66. 8MB RAM (16MB recommended).	Synthesis types: sample playback and physical modeling.	\$499.95; \$549.95 with digital I/O
<b>Turtle Beach Pinnacle Project Studio</b>	ANALOG I/O: Two 1/8" inputs. One 1/8" outputs. DIGITAL I/O: 1 coaxial (RCA) I/O.	ISA/EISA card.	Win 3.1, Win 95, and Win NT-compatible. Minimum computer requirements: PC with Windows 3.1, 95, 98 or NT 4.0. 486 DX2/66. 8MB RAM (16MB recommended).	Synthesis types: sample playback and physical modeling.	\$599.95
<b>Yamaha WaveForce WF192XG</b>	ANALOG I/O: 2 1/8" inputs. 2 RCA inputs. 2 1/8" outputs. 2 RCA outputs. DIGITAL I/O: Yamaha.	PCI card.	Win 3.1, Win 95, Win NT, and DOS-compatible. Minimum computer requirements: Pentium 120, 32MB RAM, PCI 2.1 slot.	Synthesis types: sample playback, physical modeling, and FM synthesis.	\$99.99

## EMU Audio Production Studio

**DESCRIPTION** wavetable synth/sampler and digital audio interface.

**COMPATIBILITY** Supports .WAV audio file formats and General MIDI protocols.

**HARDWARE** Audio connectors on board. MIDI plugs on breakout cable/box.

**AUDIO RECORDING** 11.025kHz, 22.05kHz, 44.1kHz, 48kHz, and 8k sample rates supported. 20-bit A/D, 20-bit D/A bit depth. 2 simultaneous audio playback channels. 2 simultaneous audio record channels.

**OTHER FEATURES** 64-voice polyphony. 1500+ programs in ROM. 10+ drum kits. User-programmable. Effects. Real time 32-bit effects. E-Drive drive bay replacement w/mike/line I/O + 12v phantom power. Digital mixing of all I/O w/ E-Control software.

## MEDIATRIX PERIPHERALS

### Audiatrix 3D-XG

**DESCRIPTION** MIDI/WAV card.

**COMPATIBILITY** Supports SFI, SMP, VOC, .WAV, AIFF, and SDII audio file formats. Supports Sound Blaster, MPC level II, Roland MPU-401, and General MIDI protocols.

**HARDWARE** Audio connectors on board.

**AUDIO RECORDING** 11.025kHz, 22.05kHz, 44.1kHz, and 48kHz sample rates supported. 16-bit A/D, 16-bit D/A bit depth. 1 audio playback channel. 1 audio record channel.

**OTHER FEATURES** 32-voice polyphony. 676 programs in ROM. 21 drum kits. User-programmable. Effects. Features Yamaha's XG MIDI technology.

## TRACER TECHNOLOGIES

### Tracer SAS Card

**DESCRIPTION** MIDI/WAV card.

**COMPATIBILITY** Supports .WAV audio file formats. Supports Sound Blaster, Roland MPU-401, and General MIDI protocols.

**HARDWARE** Audio connectors on board. Daughterboard upgrade available.

**AUDIO RECORDING** 11.025kHz, 22.05kHz, and 44.1kHz sample rates supported. 20-bit A/D, 20-bit D/A bit depth. 4 simultaneous audio playback channels. 2 simultaneous audio record channels.

**OTHER FEATURES** 128-voice polyphony. User-programmable. Effects. Provides a slot for up to 64MB of sampling RAM using 72-pin SIMMS.

## TURTLE BEACH

### Daytona PCI

**DESCRIPTION** MIDI/WAV card.

**COMPATIBILITY** Supports VOC and .WAV audio file formats. Supports MPC level II, Roland MPU-401, and General MIDI protocols.

**HARDWARE** Audio connectors on board. MIDI plugs on breakout cable/box.

**AUDIO RECORDING** 16-bit A/D, 16-bit D/A bit depth.

**OTHER FEATURES** 32-voice polyphony. 6 programs in ROM. 1 drum kit. User-programmable. Effects. Automuting after periods of digital silence. SRS Surround Sound 3D spatialization enhancement. Includes Turtle Beach Daytona PCI soundcard, Voyetra Software Suite, CD audio cable.

### Malibu Surround 64

**DESCRIPTION** MIDI/WAV card.

**COMPATIBILITY** Supports VOC and .WAV audio file formats. Supports Sound Blaster, MPC level II, Roland MPU-401, and General MIDI protocols.

**HARDWARE** Audio connectors on board. MIDI plugs on breakout cable/box.

**AUDIO RECORDING** 11.025kHz, 22.05kHz, 44.1kHz, and 48kHz sample rates supported. 16-bit A/D, 16-bit D/A bit depth.

**OTHER FEATURES** 64-voice polyphony. 6 programs in ROM. 1 drum kit. User-programmable. Effects. SRS 3D spatialization enhancement. Software synthesizer in Windows 95 adds 32 voices for a total of 64 .wavetable voices.

### Montego A3DXstream

**DESCRIPTION** MIDI/WAV card.

**COMPATIBILITY** Supports VOC, .WAV, and AIFF audio file formats. Supports Sound Blaster, MPC level II, Roland MPU-401, and General MIDI protocols.

**HARDWARE** Audio connectors on board. MIDI plugs on breakout cable/box. Daughterboard upgrade available.

**AUDIO RECORDING** 11.025kHz, 22.05kHz, 44.1kHz, and 48kHz sample rates supported. 18-bit A/D, 18-bit D/A bit depth.

**OTHER FEATURES** 64-voice polyphony. 7 programs in ROM. 1 drum kit. User-programmable. Effects. Includes Voyetra MIDI Orchestrator Plus, AudioStation 2, AudioView, and Jam Grid.

### Multisound Pinnacle

**DESCRIPTION** MIDI/WAV card.

**COMPATIBILITY** Supports VOC and .WAV audio file formats. Supports MPC level II, Roland MPU-401, and General MIDI protocols.

**HARDWARE** Audio connectors on breakout cable or box. MIDI plugs on breakout cable/box. Daughterboard upgrade available.

**AUDIO RECORDING** 11.025kHz, 22.05kHz, 44.1kHz, and 48kHz sample

rates supported. 20-bit A/D, 20-bit D/A bit depth.

**OTHER FEATURES** 32-voice polyphony. 2 programs in ROM. 1 drum kit. User-programmable. Effects.

### Pinnacle Project Studio

**DESCRIPTION** MIDI/WAV card.

**COMPATIBILITY** Supports VOC and .WAV audio file formats. Supports MPC level II, Roland MPU-401, and General MIDI protocols.

**HARDWARE** Audio connectors on breakout cable or box. MIDI plugs on breakout cable/box.

**AUDIO RECORDING** 11.025kHz, 22.05kHz, 44.1kHz, and 48kHz sample rates supported. 20-bit A/D, 20-bit D/A bit depth.

**OTHER FEATURES** 64-voice polyphony. 4 programs in ROM. 1 drumkit. User-programmable. Effects.

### YAMAHA

#### .waveForce WF192XG

**DESCRIPTION** MIDI/WAV card.

**COMPATIBILITY** Supports .WAV audio file formats. Supports Sound Blaster, General MIDI, and XG, Sordius-XG protocols.

**HARDWARE** Audio connectors on board. MIDI plugs on board.

**AUDIO RECORDING** 48kHz sample rates supported. 16-bit A/D, 16-bit D/A bit depth.

**OTHER FEATURES** 64-voice polyphony. 7 programs in ROM. 21 drumkits. User-programmable. Effects. 3D Positional Audio.

## Digital Audio Format Converters

### FOSTEX

#### COP-2

**DESCRIPTION** AES/EBU to ADAT converter.

**MSRP** \$219

**HARDWARE** Audio connectors on breakout cable or box. 2 AES/EBU inputs. 2 ADAT inputs.

#### COP-1

**DESCRIPTION** Coaxial to optical converter.

**MSRP** \$95.

**HARDWARE** Audio connectors on breakout cable or box. 2 optical inputs. 2 coaxial (RCA) inputs. 2 simultaneous audio playback channels. 2 simultaneous audio record channels.

#### DP-8

**DESCRIPTION** Digital audio patchbay.

**MSRP** \$359.

**HARDWARE** S/PDIF optical and coaxial I/O. ADAT optical I/O. Optical I/O transmits either SPDIF or ADAT, but is not a language converter. 32kHz-48kHz sample rates. 1U rackmount.

### MIDIMAN

#### DigiPatch 12X6

**DESCRIPTION** Digital patchbay.

**MSRP** \$699.95

**HARDWARE** Twelve independent sources: 6 coaxial (RCA) inputs and 6 optical inputs. 1 coaxial output and 1 optical output per target. 50 non-volatile internal patch configurations can be programmed and stored. All connections are "format neutral" and can be used for S/PDIF or ADAT. Works with all digital audio format converters. Performs simple coaxial-to-optical and optical-to-coaxial translations for S/PDIF signals. Built-in MIDI thru function for easy hook-up to any existing MIDI setup. Multiple DigiPatch patchbays can be cascaded together for even more ins and outs.

#### Flying Cow

**DESCRIPTION** Digital audio format converter.

**MSRP** \$399.95

**HARDWARE** 20-bit stereo D/A, delta-sigma conversion with 128x oversampling. Dynamic range of nearly 100dB (A-weighted). Sample rate automatically locks to that of any incoming digital data. EXT mode allows word clock operation. AES/EBU digital I/O on XLR connectors. S/PDIF digital I/O on RCA connectors. Balanced analog signals on XLR connectors.

### S.A.M.

**DESCRIPTION** 24-bit S/PDIF/Adat mixer and format converter

**MSRP** \$399.95.

**HARDWARE** ADAT to S/PDIF and S/PDIF to ADAT converter with built-in digital mixer. 24-bit transfers in all stereo modes where pots are disabled. Left and right channel signal and clipping level indicators. 56-bit internal processing. Supports any sample rate from 39kHz to 51kHz. 7" W x 4.5" D x 1" H.

### SONORUS

#### Audio AES/8

**DESCRIPTION** Digital format translator.

**MSRP** \$1,000.

**HARDWARE** Rackmount effects unit. Input meter. DIGITAL I/O: 4 AES/EBU I/O. 1 T/DIF I/O. 1 ADAT I/O. Bi-directional 8-channel digital format translator. Word/video clock in. Word clock out. Asynchronous ("wild") inputs with sample rate conversion input source selection input/output LED meters.

**OTHER FEATURES** 1U rackmount. 4 lbs.

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# Recording Equipment



This section is devoted to the hardware that forms the backbone of the recording studio. The cool thing is that these days, it almost doesn't matter how much room you've got; if you've got a corner with a desk in it, you've got all the room you need to start a home

studio. In the Mixers section (page 114), you'll find a range of units from single-rackspace keyboard line mixers to digital mixing consoles, and everything in-between.

In the DAT Recorders section (page 121), we've focused on professional machines, generally the type with the ability to sync to timecode.

At the heart of the modern studio are digital multitrack recorders. We focus on three types: computer-based systems that provide interface hardware and perhaps software but require a computer (page 121), stand-alone modular units (page 123), and personal digital studios with integrated mixers (page 24).

These days, no home studio is complete without the ability to burn CDs. With prices down in the low hundreds and CD blanks costing no more than 50 cents, CD burners are becoming nearly as widespread as cassette recorders. You'll find a listing of CD-R recorders on page 126.

Audio patchbays (page 126) are a great way to organize the audio routing in your studio. From bargains to Beemers, you'll find the right one for your setup here.

Although there is a wide variety of monitors used in studio situations, we've limited our scope to include only those speakers known as close-field and mid-field monitors (page 128). Speakers such as these are designed to be listened to at close or medium distance, which is how most project and home studios are set up. Prices are per pair, unless otherwise noted.

Microphones (page 134) are an indispensable element of any studio or live show. Here you'll find models in every conceivable price range and for every application.

Individual microphones have distinct sonic personalities, and one of the best ways to take advantage of their uniqueness (and sometimes the only way) is to use a mic preamp (page 143). Some offer circuitry that complements certain mics, maximizing the tonal characteristics going to tape. Also included in this section are power supplies designed expressly for particular mic types.

DAT RECORDERS

COMPUTER-BASED  
MULTITRACK HARD  
DISK RECORDING  
SYSTEMS

STAND-ALONE  
MODULAR DIGITAL  
MULTITRACK  
RECORDERS

PERSONAL DIGITAL  
STUDIOS

CD-R RECORDERS

AUDIO PATCH BAYS

MONITORS AND  
COMPUTER  
SPEAKERS

MICROPHONES

MIC PREAMPS, MIC  
POWER SUPPLIES

## Mixers

## ALESIS

## Studio 12R

**DESCRIPTION** 12-channel rackmount mixer.

**MSRP** \$449.

**AUDIO I/O** 1/4" and XLR input/output. 2 aux sends.

**FEATURES** -10dBV and +4dBu operating levels. Meter bridge. Phantom power. 8 hybrid/discrete mic preamps. 60mm faders on each channel.

**DIMENSIONS** 3U rackmount. 8 lbs.

## Studio 24

**DESCRIPTION** 24-channel mixer.

**MSRP** \$699.

**AUDIO I/O** 8 1/4" line inputs. 8 XLR and 1/4" mic/line inputs. 8 TRS mic/line inputs. 2 1/4" bus outputs. 8 RCA direct outputs. 1 1/4" master output. 8 RCA tape inputs. 4 1/4" aux sends. 4 1/4" aux returns.

**FEATURES** -10dBV operating level. Inline format. 3-band EQ with sweepable mid. Phantom power. Solo in place. Channel mute. Full 8-track inline monitor with tape outs switchable from direct or from groups.

**DIMENSIONS** 15" W x 4.25" D x 17" H. 14 lbs.

## Studio 32

**DESCRIPTION** 16-channel tabletop rackmountable mixer.

**MSRP** \$999.

**AUDIO I/O** 1/4" and XLR inputs/outputs. 6 aux sends. Up to 40 inputs.

**FEATURES** -10/+4dB operating levels. Meter bridge. 3-band EQ with parametric mid-range. Phantom power. Solo in place. Channel mute. 16 hybrid/discrete mic preamps.

**DIMENSIONS** 17.5" W x 16.5" D x 6" H. 12U rackmount. 20 lbs.

## ALLEN &amp; HEATH

## DR128

**DESCRIPTION** 12-channel digital mixer.

**MSRP** \$2,995.

**AUDIO I/O** 8 mic inputs. 4 line inputs. 8 master outputs.

**FEATURES** Switchable operating level. Inline format. Standard meter bridge. DSP based. Channel mute. Internal digital mixer snapshots, internal realtime control, monitor output. PC-based software gives full control over assignments and settings of onboard dynamics and parametric/graphic EQs. Can operate standalone without PC.

**DIMENSIONS** 2U rackmount.

## GL2000

**DESCRIPTION** 32-channel console mixer.

**MSRP** \$2,995.

**AUDIO I/O** 32 mic/line inputs. 4 bus outputs. 2 master outputs. 6 aux sends. 4 aux returns.

**FEATURES** Switchable operating level. Inline format. Phantom power. Solo in place. Channel mute. Onboard LCD.

**DIMENSIONS** 6U rackmount. 66 lbs.

## GL3300

**DESCRIPTION** 40-channel console mixer.

**MSRP** \$7,995.

**AUDIO I/O** 40 mic/line inputs. 8 bus outputs. 2 master outputs. 8 aux sends. 4 aux returns.

**FEATURES** Switchable operating level. Inline format. Optional meter bridge. 4-band EQ. Phantom power. Solo in place. Channel mute. Onboard LCD. Monitor output.

**DIMENSIONS** 6U rackmount.

## ASHLY AUDIO

## LX-308

**DESCRIPTION** 8-channel rackmount line mixer.

**MSRP** \$499.

**AUDIO I/O** 8 stereo line inputs. 2 sub inputs. 1 mono direct output. 2 master outputs. 2 sub inputs.

**FEATURES** Switchable operating levels. Meter bridge. Monitor output.

**DIMENSIONS** 1U rackmount. 8 lbs.

## MX-206

**DESCRIPTION** 6-channel rackmount mic/line mixer.

**MSRP** \$599.

**AUDIO I/O** 6 mic inputs. 2 aux inputs. Stereo master outputs. 1 mono input.

**FEATURES** Switchable operating level. Meter bridge.

**DIMENSIONS** 1U rackmount. 10 lbs.

## MX-508

**DESCRIPTION** 8-channel rackmount mixer.

**MSRP** \$1,399.

**AUDIO I/O** 8 mic/line inputs. 2 tape/CD inputs. Dual bus outputs. 2 master outputs. 2 aux sends. 2 aux returns.

**FEATURES** Switchable operating levels. Hi/Mid/Lo EQ. Phantom power.

**DIMENSIONS** 3U rackmount. 19 lbs.

## AUDIO CENTRON

## ACM1406

**DESCRIPTION** 10-channel tabletop mic/line mixer.

**MSRP** \$549.

**AUDIO I/O** 6 balanced mic/line inputs. 6 1/4" mic/line inputs. 4 stereo line channel inputs. 2 RCA tape inputs. 2 1/4" bus outputs. 2 XLR master outputs. 1 1/4" mono outputs. Headphone jack. 2 RCA tape outputs. 1 1/4" tape inputs. 2 1/4" aux sends. 2 balanced stereo aux returns.

**FEATURES** Switchable operating level. Inline format. 3-band shelving EQ. Phantom power. Solo in place. Channel mute. Onboard LCD. Optional rackmount kit.

**DIMENSIONS** 15.85" W x 14.1" D x 2.15" H. 11 lbs.

## ACM842

**DESCRIPTION** 6-channel rackmount mic/line mixer.

**MSRP** \$299.

**AUDIO I/O** 4 balanced mic/line inputs. 4 1/4" mic/line inputs. 2 pair 1/4" stereo channel inputs. 2 RCA tape inputs. 2 balanced 1/4" master outputs. Headphone jack. 2 RCA tape outputs. 2 1/4" aux sends. 2 stereo 1/4" aux returns.

**FEATURES** +4dBu operating level. 2-band shelving EQ. Phantom power.

**DIMENSIONS** 2U rackmount. 4 lbs., 5 oz.

## AUDIO TECHNICA

## AM150

**DESCRIPTION** 2-channel mixer.

**MSRP** \$219.

**AUDIO I/O** 1/4", RCA, XLR inputs. RCA outputs. XLR panel jack with DJ talkover feature.

**FEATURES** Meter bridge. Crossfader.

**DIMENSIONS** 8.7" W x 7.3" D x 2" H. 3 lbs., 14 oz.

## AM200

**DESCRIPTION** 4-channel mixer.

**MSRP** \$349.

**AUDIO I/O** 1/4" RCA inputs and outputs.

**FEATURES** Meter bridge. Digital sound effects. VU meters.

**DIMENSIONS** 13.5" W x 10.6" D x 2.8" H. 6 lbs., 2 oz.

## AM400

**DESCRIPTION** 5-channel tabletop mixer.

**MSRP** \$499.

**AUDIO I/O** 1/4", XLR, and RCA inputs. RCA outputs.

**FEATURES** Meter bridge. 3-band EQ. DJ mic with voice changer option. BNC lamp socket. VU meters.

**DIMENSIONS** 19" W x 10.6" D x 3.4" H. 8 lbs., 9 oz.

## AM600SE

**DESCRIPTION** 5-channel tabletop mixer.

**MSRP** \$849.

**AUDIO I/O** RCA, XLR inputs. RCA outputs.

**FEATURES** Meter bridge. 5-band graphic equalizer. Digital echo. Digital sampling. VU meters.

**DIMENSIONS** 19" W x 10.6" D x 3.4" H. 9 lbs., 14 oz.

## BEHRINGER

## Cybermix CM8000

**DESCRIPTION** 32-channel rackmount digital mixer.

**MSRP** \$499.99.

**FEATURES** Meter bridge. Channel mute. Can daisy chain Cybermix VCA control racks for up to 119 simultaneous inputs control. Internal digital mixer snapshots. External computer or realtime MIDI control. External digital sync. Sync to timecode. Faders move via automation. Monitor output. PC-based automation software system. Dedicated rack contains VCA control hardware plus software package that installs on 486 or higher PC running Windows. MIDI Time Code or SMPTE sync. 32 channels of fader/mute automation. 8 virtual subgroups. Independent recording of mute and fader events. Onscreen fader curve editing and channel/group faders. Copies mixes, snapshots, channel parameters, and tracksheets. Full-featured synchronizer and SMPTE/MTC generator/reader. Compatible with the Eurodesk MX9000.

## Eurodesk MX2442A

**DESCRIPTION** 24-channel tabletop mic/line mixer.

**MSRP** \$1,249.99.

**AUDIO I/O** 16 mic/line inputs. 6 aux sends. 2 aux returns. 16 mono channels. 2-track RCA in/outs.

**FEATURES** +4dBu operating level. Meter bridge. 4-band stereo EQ; 3-band semi-parametric EQ on mic channels with sweepable mids and low-cut filter. Solo in place. 20 channel inputs. 4 groups. 4 stereo channels. 16 mic preamps. 2 rack space power unit. Balanced ultra-low noise mic input stages with discrete conjugate transistor pair circuitry. 4580 operational amplifiers.

## Eurodesk MX 2004A

**DESCRIPTION** 20-channel rackmount mic/line mixer.

**MSRP** \$629.99.

**AUDIO I/O** 8 mic inputs. 8 line inputs. 8 direct outputs. 2 aux sends. 2 aux returns. 2-track RCA in/outs.

**FEATURES** Meter bridge. 3-band EQ with sweepable mids and low-cut filter on mono/mic channels; 4-band EQ on stereo channels. Solo in place. 8 mono channels. 4 stereo channels. 8 mic preamps. 8 channel inserts. External power supply.

## Eurodesk MX 2642A

**DESCRIPTION** 12-channel rackmount mic/line mixer.

**MSRP** \$699.99.

**AUDIO I/O** 8 balanced discrete mic/line inputs. 8 mono line inputs and 4 stereo line inputs. 8 direct outputs. 6 aux sends. 4 aux returns.

**FEATURES** Meter bridge. 3-band EQ with sweepable mids on all mic channels; 4-band EQ on all stereo channels. Solo in place. Aux sends 1 and 2 switchable pre/post. 4 independent subgroups. Stereo line inputs can be routed to aux and mix buses. Solo in place. Pre-fader listen. +15dB gain available on all sends and returns. Gain pots on all channels. Switchable 48 V phantom power on mic channels. Sealed rotary Panasonic controls. 60mm true logarithmic Panasonic faders. LED output meters with multi-segment status indicators. External power supply.

## Eurodesk MX 2804A

**DESCRIPTION** 14-channel rackmount mic/line mixer.

**MSRP** \$629.99.

**AUDIO I/O** 8 mic/line inputs. 8 direct outputs. 4 aux sends. 4 aux returns. 1 control room out. Headphone jack. 6 stereo inputs.

**FEATURES** Meter bridge. 3-band EQ with low-cut filter on mono channels; 3-band EQ on stereo channels. Solo in place. Channel mute. 8 mic preamps. External power supply. Supplementary ALT 3/4 bus instead of subgroups. 4 aux sends with 1 and 2 switchable pre/post. 4 assignable stereo line inputs with aux sends. 2-track return assignable to mix.

## Eurodesk MX1602A

**DESCRIPTION** 16-channel rackmount mic/line mixer.

**MSRP** \$319.99.

**AUDIO I/O** 4 mic inputs. 4 line inputs. 8 mic/line inputs. 8 direct outputs. 2 aux sends. 2 aux returns. 2-track RCA in/outs. Headphone jack. All inputs and outputs balanced.

**FEATURES** Meter bridge. 2-band EQ with sweepable mids on mono/mic channels. Solo in place. 2 buses. 4 mono channels. 4 stereo channels. 4 mic preamps. External power supply. 60mm faders on each channel. Individual pre/post aux switches on each channel. Peak LEDs on mic channels. Stereo solo in place with switchable pre- and post-fader modes. Individual solo/PFL LEDs. Pre-fader switches for all aux 1 sends. Wide range input gain control. Control room/headphone switching system.

## Eurodesk MX1804X

**DESCRIPTION** 10-channel rackmount mic/line mixer.

**MSRP** \$569.99.

**AUDIO I/O** 6 mic inputs. 6 mic/line inputs. 2 aux sends. 2 aux returns. 2-track RCA in/outs.

**FEATURES** Meter bridge. 3-band EQ on mono channels with sweepable mids and low-cut filters; 4-band EQ on stereo channels. Onboard effects. 10 channel inputs. 2+2 buses. 6 mono channels. 4 stereo channels. 6 mic preamps. External power supply. Stereo DSP unit with sophisticated reverb and modulation presets adapted from the Behringer DSP1000 Virtualizer with 20-bit AD/DA converters, 48kHz sampling rate, and virtual acoustics room simulation algorithms. 2 stereo effects returns controlled via tapered 60mm faders.

## Eurodesk MX3242X

**DESCRIPTION** 16-channel rackmount mic/line mixer.

**MSRP** \$1,279.99.

**AUDIO I/O** 16 mic/line inputs. 16 direct outputs. 6 aux sends. 4 aux returns. 32 mono inputs. 2-track RCA in/outs.

**FEATURES** Meter bridge. 4-band EQ with 2 sweepable mids and low-cut filters. Phantom power. Channel mute. 16 total inline channels. 4 groups. 16 mic preamps. Internal mic talkback. 100VA external power supply.

### Euro rack MX802A

**DESCRIPTION** rackmount mic/line mixer.

**MSRP** \$239.99.

**AUDIO I/O** 4 mic inputs. 4 line inputs. 2 aux sends. 2 aux returns. 2-track RCA in/outs.

**FEATURES** Meter bridge. 3-band EQ with low-cut filter. 6 channel inputs. 2 buses. 4 mono channels with peak LEDs. 2 stereo channels. 4 mic preamps. External power supply.

### DDA

### CS3

**DESCRIPTION** 16- to 40-channel console mixer.

**MSRP** \$3,990.

**AUDIO I/O** 16 - 40 XLR, TRS, and 1/4" mic/line inputs. 4 XLR bus outputs. 16 - 40 direct outputs. XLR master outputs. 6 XLR aux sends.

**FEATURES** -10/+4dBu and adjustable mic/line operating levels. Hybrid inline/split format. Meter bridge. 3-band EQ with high/low shelving and full parametric mid. Phantom power. Solo in place. Channel mute. Blocks of 4 channels, optional 2 mono/2 stereo or 4 stereo channel blocks. Monitor output. Includes L-C-R panning on each channel. Individual remote channel mute. External power supply.

### CS8

**DESCRIPTION** 16-channel console mixer.

**MSRP** \$6,360 and up.

**AUDIO I/O** 16 XLR, TRS, and 1/4" mic/line inputs. 8 XLR bus outputs. 16 1/4" direct outputs. 3 XLR master outputs. 8 TRS bus inserts. 8 TRS aux inserts. 8 XLR aux sends. 2 stereo aux returns.

**FEATURES** -10/+4dBu operating levels. Split and inline format. Optional meter bridge. 4-band EQ with high/low shelving and sweepable mids. Phantom power. Solo in place. Channel mute. Blocks of 8 channels with optional 4+4 stereo or 8 stereo channel blocks. Onboard LCD. Monitor output. Includes L-C-R panning on each channel. 4 mute groups. 4 stereo mic/line channels. Link feature for combining 2 CS8s. Individual remote channel mutes. External power supply.

**DIMENSIONS** 36.7" W x 28.38" D x 10.22" H. 58 lbs.

### CS12M

**DESCRIPTION** 16-channel console-style analog mixer.

**MSRP** Contact manufacturer.

**AUDIO I/O** 16 XLR, TRS, and 1/4" mic/line inputs. 12 XLR bus outputs. XLR master outputs.

**FEATURES** -10dB, +4dBu, and adjustable gain operating levels. Meter bridge. 4-band EQ with high/low shelving and sweepable mids. Blocks of 8 channels with optional 4+4 stereo or 8-channel stereo blocks. Built-in mic splitter. Fail-safe master for phantom power. Link feature allows linking 2 CS12Ms. Stereo outputs for in-ear monitoring.

**DIMENSIONS** 60.41" W x 22.4" D x 7.7" H. 48 lbs.

### EDIROL

### Roland MX-5

**DESCRIPTION** 5-channel desktop mic/line mixer.

**MSRP** \$144.

**AUDIO I/O** 5 stereo RCA line inputs. 4 1/4" mic/line inputs. 2 1/4" direct outputs. 2 RCA master outputs.

**FEATURES** Adjustable +4dB to -50dB (mic) channel sensitivity. Balance control on all stereo channels.

**DIMENSIONS** 8-5/8" W x 6-3/4" D x 2-3/8" H. 11lb., 11oz.

### ELECTRO VOICE

### PSX2000

**DESCRIPTION** 10-channel powered rackmount mixer.

**MSRP** \$2,500.

**AUDIO I/O** 10 mic/line inputs. 1 pair stereo returns. 1 main insert input. 3 aux sends.

**FEATURES** -10dB operating level. Meter bridge. 7-band graphic equalizer. Phantom power. 2 effects built-in to fader control. 570W/4 ohms, 340W/B ohms power ratings. First 6 mic inputs have sweepable mid in EQ section.

**DIMENSIONS** 20.02" W x 18.85" D x 8.28" H. 42 lbs.

### FENDER

### LTB Mixer System

**DESCRIPTION** 4-channel tabletop powered mixer.

**MSRP** \$599.99.

**AUDIO I/O** 4 XLR mic inputs. 4 1/4" line inputs. 1 1/4" direct output. 1 power master output. 1 1/4" aux return.

**FEATURES** Meter bridge. 3-band EQ. Onboard effects. Phantom power. 80W/4 ohms power rating. Bostop-style design. Includes 2 2-way speakers, microphone, and cables.

### LX 1506

**DESCRIPTION** 6-channel powered mixer.

**MSRP** \$499.99.

**AUDIO I/O** 6 XLR mic inputs. 6 XLR line inputs. 1 power direct output. 1 1/4" aux send. 1 1/4" aux return.

**FEATURES** Meter bridge. 2-band EQ. Onboard effects. Phantom power. 150W/4 ohms power rating. Bostop-style design.

### LX 1504

**DESCRIPTION** 4-channel powered mixer.

**MSRP** \$429.99.

**AUDIO I/O** 4 XLR mic inputs. 4 XLR line inputs. 1 power direct output. 1 1/4" aux send. 1 1/4" aux return.

**FEATURES** Meter bridge. 2-band EQ. Onboard effects. Phantom power. 150W/4 ohms power rating. Bostop-style design.

### PX-2212D

**DESCRIPTION** 12- and 16-channel powered console mixers.

**MSRP** \$1,799.99 - \$1,999.99.

**AUDIO I/O** 16 XLR mic inputs. 16 1/4" line inputs. 16 TRS mic/line inputs. 4 master outputs. 4 1/4" aux sends. 2 1/4" aux returns.

**FEATURES** Standard meter bridge. 3-band EQ with high/low shelf filters, 9-band graphic equalizer. Onboard effects. Phantom power. Solo in place. Available in 12- and 16-channel versions. Folds into included carrying case.



Furman HR-6

Reader Service No. 203

### SR 8 520 P

**DESCRIPTION** 6-channel tabletop powered mixer.

**MSRP** \$629.99.

**AUDIO I/O** 6 XLR mic inputs. 6 1/4" line inputs. 1 power direct output. 2 1/4" aux sends. 1 1/4" aux returns.

**FEATURES** Meter bridge. 3-band tone inputs. 9-band graphic equalizer. Onboard effects. Phantom power. 520W/2ohms power rating. Bostop-style design. Basic reverb included.

### SR 8 520 PD

**DESCRIPTION** 8-channel tabletop powered mixer.

**MSRP** \$1,099.99.

**AUDIO I/O** 8 XLR mic inputs. 8 1/4" line inputs. 1 power direct output. 2 1/4" aux sends. 1 1/4" aux return.

**FEATURES** Meter bridge. 3-band tone inputs. 9-band graphic equalizer. Onboard effects. Phantom power. 520W/2ohms power rating. Bostop-style design. 126 digital effects including reverb.

### SRM 6 302

**DESCRIPTION** 6-channel powered mixer.

**MSRP** \$729.99.

**AUDIO I/O** 6 XLR mic inputs. 6 1/4" line inputs. 2 power direct outputs. 1 1/4" aux return.

**FEATURES** Meter bridge. 3-band tone inputs. 9-band graphic equalizer. Onboard effects. 150W/4 ohms power rating. Bostop-style design. Mono input, 2-channel output. Switchable between main and monitor output.

### SRM 8 302

**DESCRIPTION** 8-channel powered mixer.

**MSRP** \$849.99.

**AUDIO I/O** 8 XLR mic inputs. 8 1/4" line inputs. 2 power direct outputs. 1 1/4" aux return.

**FEATURES** Meter bridge. 3-band tone inputs. 9-band graphic equalizer. Onboard effects. 150W/4 ohms power rating. Bostop-style design. Mono input, 2-channel output. Switchable between main and monitor outputs.

### FURMAN

**FURMAN**  
*Power Conditioning*

### HDS-6/HR-6 Headphone Distribution System

**DESCRIPTION** Headphone mixer.

**MSRP** HDS-6 with 1 HR-6 \$349. Extra HR-6 \$129 each.

**FEATURES** 20Hz-20kHz at full rated power. Distortion: .008% THD at full-rated power at 1kHz.

### MM-3 Mic Mixer

**DESCRIPTION** 4-channel tabletop mixer.

**MSRP** \$199.

**AUDIO I/O** 3 mic inputs. 1 line input.

**FEATURES** Switchable operating levels. Inline format. 2-band EQ. Mic, master volume, and stereo line level controls. Units linkable for additional inputs. Ground lift switch. 12V or wall-wart operation. Optional rackmount kit. MM-3 balanced version, \$250.

**DIMENSIONS** 8.56" W x 5" D x 1.73" H. 2 lbs.

### MM-4A 4x1

**DESCRIPTION** 4-channel tabletop mixer.

**MSRP** \$339.

**AUDIO I/O** 4 mic/line inputs. 4 1/4" direct outputs. Effects send/return inputs.

**FEATURES** Switchable operating level. Inline format. Concert and recording submixer. Stereo aux inputs with RCA jacks and level control. Low-cut buttons. Master fader. Headphone jack with level and jack. Ground lift switch. MM-4AB balanced input with gain switch, \$379. MM-4AB Phantom, \$415.

**DIMENSIONS** 1U rackmount. 6 lbs.

### MM-4A 4x2

**DESCRIPTION** 4-channel rackmount mixer.

**MSRP** \$399.

**AUDIO I/O** 4 1/4" and XLR direct outputs. Effects send/returns.

**FEATURES** Switchable operating levels. Inline format. Effects bus with send/return jacks. Stereo RCA aux inputs with level control. Low-cut buttons. Master fader. Headphone jack with level control. Ground lift switch. MM-8AB with balanced inputs and gain switch, \$445. MM-8AB Phantom, \$475.

**DIMENSIONS** 1U rackmount. 6 lbs.

### SM-3 Stereo Mixer

**DESCRIPTION** 1-channel free-standing mixer.

**MSRP** \$199.

**AUDIO I/O** 3 stereo line inputs. 1 mic/line input. 4 1/4" and XLR direct outputs. Effects send/returns.

**FEATURES** Switchable operating levels. Inline format. Accepts 3 line-level stereo sources and 1 balanced XLR mic input. Ducking automatically reduces music source levels when mic input receives voice signal. Optional half-rack mounting kit. Uses 12V or wall wart. SM-3B balanced version, \$250.

**DIMENSIONS** 1U rackmount. 2 lbs.

### GEMINI

### PMX-16

**DESCRIPTION** 2-channel mixer.

**MSRP** \$149.

**AUDIO I/O** 1 1/4" mic input. 2 RCA line inputs. 2 RCA phono inputs. RCA master outputs. RCA record inputs.

**FEATURES** Meter bridge. Talkover for mic. Mic level control. Removable crossfader. Cueing. Master balance and level controls.

### PMX-1600

**DESCRIPTION** 3-channel rackmount mixer.

**MSRP** \$249.

**AUDIO I/O** XLR and 1/4" mic inputs. 4 RCA line inputs. 3 RCA phono inputs. RCA master outputs. RCA record inputs. 1 RCA booth input.

**FEATURES** Meter bridge. Talkover. Mic level cueing. Master bass, mid, treble, and balance controls. Removable crossfader.

**DIMENSIONS** 4U rackmount. 11 lbs.

**PMX-18****DESCRIPTION** 2-channel tabletop mixer.**MSRP** Contact manufacturer.**AUDIO I/O** 1 1/4" mic input. 2 1/4" line inputs. 2 1/4" phono inputs. RCA master outputs. RCA record inputs.**FEATURES** Meter bridge. Talkover. Mic level. Master treble, bass, balance, and level controls. Removable crossfader. Transform switches.**DIMENSIONS** 10" W x 3.5" D x 7.5" H. 6 lbs.**PMX-2001****DESCRIPTION** 4-channel rackmount mixer.**MSRP** \$289.**AUDIO I/O** XLR and 1/4" mic inputs. 6 1/4" line inputs. 2 1/4" phono inputs.**FEATURES** Meter bridge. 14-band graphic equalizer. Automute talkover, bass, and treble controls for mic inputs. Removable crossfader. Peak/hold LED meter. XLR gooseneck lamp.**DIMENSIONS** 19" W x 9.5" D x 4" H. 11 lbs.**PMX-25****DESCRIPTION** 2-channel tabletop mixer.**MSRP** \$199.**AUDIO I/O** 1 1/4" mic input. 2 RCA line inputs. 2 RCA phono inputs. RCA master outputs. RCA record inputs. 1 RCA booth input.**FEATURES** Meter bridge. Talkover. Mic level. Removable phono. Line switches. Beat sync indicators.**DIMENSIONS** 10" W x 9.5" D x 3.5" H. 6 lbs.**PMX-2501****DESCRIPTION** 4-channel rackmount mixer.**MSRP** \$309.**AUDIO I/O** XLR and 1/4" mic inputs. 6 RCA line inputs. 2 RCA phono inputs. RCA master outputs. RCA record inputs. 1 RCA booth input.**FEATURES** Meter bridge. 14-band graphic equalizer. 6 sound effects with speed control. XLR gooseneck lamp. Talkover, bass, and treble controls for mic inputs. Removable crossfader.**DIMENSIONS** 5U rackmount. 11 lbs.**PMX-3501****DESCRIPTION** 4-channel rackmount mixer.**MSRP** \$339.**AUDIO I/O** XLR and 1/4" mic inputs. 6 RCA line inputs. 2 RCA phono inputs. RCA master outputs. RCA record inputs. 1 RCA booth input.**FEATURES** Meter bridge. 14-band graphic equalizer. Automute talkover, treble, and bass controls for mic inputs. 6 sound effects with speed control and echo effect. Removable crossfader.**DIMENSIONS** 5U rackmount. 11 lbs.**PMX-7****DESCRIPTION** 2-channel tabletop mixer.**MSRP** \$119.**AUDIO I/O** 1 1/4" mic input. 2 RCA line inputs. 2 RCA phono inputs. RCA master outputs. RCA record inputs.**FEATURES** Meter bridge. Talkover for mic level. Removable crossfader. Cueing. LED meters.**DIMENSIONS** 6.5" W x 8" D x 3.5" H. 3 lbs.**KL-10 Executioner Ten****DESCRIPTION** 2-channel tabletop analog mixer.**MSRP** \$349.**AUDIO I/O** XLR and 1/4" mic inputs. 4 RCA line inputs. 2 RCA phono inputs. RCA master outputs. 1 RCA booth input. RCA record inputs.**FEATURES** Meter bridge. Rotary kill and kill switches for low, mid, high talkover. Treble and bass controls for mic inputs. Removable fader cueing. Effects loop.**DIMENSIONS** 10" W x 14" D x 5" H. 8 lbs.**PS-800****DESCRIPTION** 4-channel rackmount mixer.**MSRP** \$459.**AUDIO I/O** 3 XLR and 1/4" mic inputs. 8 RCA line inputs. 3 RCA phono inputs. XLR master outputs. RCA master inputs. 1 RCA booth inputs. RCA record inputs.**FEATURES** Meter bridge. Cut for low, mid, high. Balanced outputs. Loop inputs and outputs. Removable crossfader. 6 sound effects including echo section. Talkover, bass, treble, and level control for mic inputs.**DIMENSIONS** 5U rackmount. 11 lbs.**BPM-1000****DESCRIPTION** 4-channel tabletop mixer.**MSRP** \$589.**AUDIO I/O** 3 XLR and 1/4" mic inputs. 6 RCA line inputs. 3 RCA phono

inputs. XLR master outputs. RCA Master inputs. 1 RCA booth input.

**FEATURES** Meter bridge. -26dB cut for low, mid, high. Balanced outputs. Peak/hold LED meters for each channel and master output. Removable crossfader. Displays beat offset indicators.**DIMENSIONS** 12.5" W x 14" D x 3" H. 10 lbs.**BPM-250****DESCRIPTION** 3-channel tabletop mixer.**MSRP** \$419.**AUDIO I/O** XLR and 1/4" mic inputs. 3 RCA line inputs. 3 RCA phono inputs. RCA master outputs. 1 RCA booth input. RCA record inputs.**FEATURES** Meter bridge. -26dB cut for low, mid, high. Talkover for mic. Cueing. Displays beat offset indicator. Removable crossfader.**DIMENSIONS** 10" W x 12" D x 4" H. 7 lbs.**CDM-1000****DESCRIPTION** 4-channel tabletop mixer.**MSRP** \$449.**AUDIO I/O** 3 XLR and 1/4" mic inputs. 6 RCA line inputs. 3 RCA phono inputs. XLR master outputs. RCA master inputs. 1 RCA booth input.**FEATURES** Meter bridge. -26dB cut for low, mid, and high. Balanced outputs. Cueing. Peak/hold LED meters for each channel and master output.**DIMENSIONS** 12.5" W x 14" D x 3" H. 10 lbs.**KL-19 Executioner Nineteen****DESCRIPTION** 2-channel rackmount mixer.**MSRP** \$399.**AUDIO I/O** 2 XLR and 1/4" mic inputs. 6 RCA line inputs. 2 RCA phono inputs. RCA aux inputs. XLR master outputs. RCA amp inputs. RCA record inputs. 1 RCA booth input.**FEATURES** Meter bridge. Balanced outputs. Rotary kill and kill switches for low, mid, high talkover. Bass and treble controls for mic inputs. Removable crossfader. Cueing.**DIMENSIONS** 5U rackmount. 10 lbs.**PDM-6012****DESCRIPTION** 4-channel rackmount mixer.**MSRP** \$399.**AUDIO I/O** 1 XLR and 1/4" mic inputs. 6 RCA line inputs. 2 RCA phono inputs. RCA master outputs. RCA record inputs. 1 RCA booth input.**FEATURES** Meter bridge. 14-band EQ. 12-second digital sampler. Automute talkover. Bass and treble controls for mic inputs. Peak/hold LED meters. Removable crossfader.**DIMENSIONS** 5U rackmount. 12 lbs.**PDM-7024****DESCRIPTION** 4-channel rackmount mixer.**MSRP** \$439.**AUDIO I/O** XLR and 1/4" mic inputs. 6 RCA line inputs. 2 RCA phono inputs. RCA master outputs. RCA record inputs. 1 RCA booth input.**FEATURES** Meter bridge. 14-band EQ. 24-second digital sampler. Gooseneck lamp. Automute talkover. Bass and treble controls for mic inputs. Removable crossfader. Peak/hold LED meters.**DIMENSIONS** 5 rack spaces. 13 lbs.**PS-626 Pro****DESCRIPTION** 3-channel tabletop mixer.**MSRP** \$279.**AUDIO I/O** XLR and 1/4" mic inputs. 3 RCA line inputs. 3 RCA phono inputs. RCA master outputs. 1 RCA booth input. RCA record inputs.**FEATURES** Meter bridge. -26dB cut for bass, mid, high. Talkover for mic. Beat indicators. Removable crossfader. 8NC gooseneck lamp adapter.**DIMENSIONS** 10" W x 12" D x 4" H. 7 lbs.**PS-646 Pro****DESCRIPTION** 4-channel tabletop mixer.**MSRP** \$359.**AUDIO I/O** 2 XLR and 1/4" mic inputs. 6 RCA line inputs. 3 RCA phono inputs. XLR master outputs. RCA Master inputs. 1 RCA booth input.**FEATURES** Meter bridge. -26dB cut for bass, mid, high. Beat indicators. Talkover, bass, treble, level control for mic inputs. Balanced outputs. Cueing and cue split. Dual mode display.**DIMENSIONS** 10" W x 14" D x 4.5" H. 8.5 lbs.**PS-676 Pro****DESCRIPTION** 3-channel tabletop mixer.**MSRP** \$339.**AUDIO I/O** XLR and 1/4" mic inputs. 3 RCA line inputs. 3 RCA phono inputs. RCA master outputs. 1 RCA booth input. RCA record inputs.**FEATURES** Meter bridge. -26dB cut for bass, mid, high. Talkover for mic. Beat indicators. Removable crossfader. 8NC gooseneck lamp adapter. 12-second digital sampler with adjustable pitch.**DIMENSIONS** 10" W x 12" D x 4.5" H. 7 lbs.**PS-700****DESCRIPTION** 4-channel rackmount mixer.**MSRP** \$419.**AUDIO I/O** 3 XLR and 1/4" mic inputs. 8 RCA line inputs. 3 RCA phono inputs. XLR master outputs. RCA master inputs. 1 RCA booth input. RCA record inputs.**FEATURES** Meter bridge. Cut for low, mid, high. Balanced outputs. Loop inputs and outputs. Removable crossfader. Talkover, bass, treble, and level control for mic inputs.**DIMENSIONS** 19" W x 9" D x 4" H. 11 lbs.**PS-900****DESCRIPTION** 4-channel rackmount mixer.**MSRP** \$579.**AUDIO I/O** 3 XLR and 1/4" mic inputs. 8 RCA line inputs. 3 RCA phono inputs. XLR master outputs. RCA master inputs. 1 RCA booth input. RCA record inputs.**FEATURES** Meter bridge. Cut for low, mid, high. Balanced outputs. Loop inputs and outputs. Removable crossfader. 24-second digital sampler with level and pitch control. 5 memory banks.**DIMENSIONS** 5U rackmount. 11 lbs.**INTELIX****8002 MCB****DESCRIPTION** 8 x 2-channel rackmount mic/line mixer.**MSRP** \$649.**AUDIO I/O** 8 XLR mic/line inputs. 2 XLR bus outputs. XLR aux sends. XLR aux returns.**FEATURES** Switchable operating levels. Meter bridge. Phantom power.**DIMENSIONS** 1U rackmount. 9.5 lbs.**KAWAI****MX16****DESCRIPTION** 16-channel mixer.**MSRP** \$795.**AUDIO I/O** 12 1/4" line inputs. 4 1/4" mic/line inputs. 2 1/4" master outputs. 2 RCA record inputs. 1/4" monitor inputs. Headphone jack. 3 1/4" aux sends. 3 1/4" aux returns.**FEATURES** Switchable operating level. Inline format. Meter bridge. Bass, treble EQ. Dynamic noise reduction.**DIMENSIONS** 19" W x 12.5" D x 3.25" H. 8 lbs., 12 oz.**MX8BR****DESCRIPTION** 8-channel rackmount mixer.**MSRP** \$425.**AUDIO I/O** 6 1/4" line inputs. 2 1/4" mic/line inputs. 1/4" master outputs. Headphone jack. 2 1/4" aux sends. 2 pair 1/4" aux returns.**FEATURES** Switchable operating level. Inline format. Meter bridge.**DIMENSIONS** 2U rackmount. 10 lbs.**LECTROSONICS****AM16****DESCRIPTION** 16-channel mic/line mixer.**MSRP** \$3,750.**AUDIO I/O** 16 mic inputs. 16 line inputs. 12 bus outputs.**FEATURES** Switchable operating level. Meter bridge.**AM8****DESCRIPTION** 8-channel rackmount mic/line mixer.**MSRP** \$1,350.**AUDIO I/O** 8 mic inputs. 8 line inputs. 1 bus output.**FEATURES** +4dBu operating level. Meter bridge. RS-232 controllable. Automation available.**DIMENSIONS** 1U rackmount. 3 lbs.**MACKIE****Digital 8-Bus****DESCRIPTION** 48-channel digital console mixer.**MSRP** \$9,999.**AUDIO I/O** 42 analog or digital line inputs. 12 analog mic/line inputs. 8 analog or digital bus outputs. 24 analog or digital direct outputs. 3 analog or digital master outputs. 12 analog or digital aux sends.**FEATURES** +4dBu operating level. Split format. Standard meter bridge. 4-band fully parametric EQ. Onboard effects. Phantom power. Solo in place. Channel mute. Internal digital mixer snapshots and real-time control. Sync to timecode. Faders move via automation. 8-channel AES/EBU, Light Pipe, TDI, and analog. Mackie, TC Electronics, and more support TBA. Monitor output. Total recall dynamic automation, snapshot, onboard dynamics, onboard effects. Analog console feel.**DIMENSIONS** 37.7" W x 27.4" D x 8.8" H. 16 lbs., 12 oz.

## MILES TECHNOLOGY

## MTX-62

**DESCRIPTION** 6x2-channel rackmount mic/line mixer.  
**MSRP** \$649.

**AUDIO I/O** 6 XLR and 1/4" mic/line inputs. 2 XLR master outputs.  
**FEATURES** -10dBV, +4dBu, and switchable operating levels. Meter bridge. 2-band EQ (bass/treble). Phantom power. Units are stackable. Input assign switches. LED level display at each input and output. Built-in crossover filters. Subwoofer output.

**DIMENSIONS** 1U rackmount. 12 lbs.

## MILLENNIA MEDIA

## Mixing Suite

**DESCRIPTION** 80-channel rackmount mixer.  
**MSRP** \$15,000

**AUDIO I/O** 80 XLR mic inputs. 80 XLR line inputs. 4 XLR bus outputs. 80 XLR direct outputs. 4 XLR master outputs. 4 TRS aux sends. 4 XLR aux returns.

**FEATURES** +4dBu operating level. Modular format. Standard meter bridge. 3-band parametric EQ. Phantom power. Solo in place. Channel mute. 4x2 up to 80x4x4 modular configurations. External computer or MIDI realtime MIDI control. Faders move via automation. Optional external power supply, PIM-01 passive input card, SIM-01 stereo input card, MIM-01 mono input card and mic preamp, EQM-01 equalizer card, CLM-01 compressor-limiter card, AMM-01 aux send and return card, SMM-01 stereo master card, and RTS-01 remote talkback module.

**DIMENSIONS** 4U rackmount. 52 lbs.

## NEOTEK

## Elan

**DESCRIPTION** 56-channel tabletop mixer.  
**MSRP** Varies with channel and options.

**AUDIO I/O** 24 bus outputs.

**FEATURES** +4dBu operating level. In-line format. Meter bridge. 4-band EQ with sweepable frequencies. Onboard effects. Phantom power. Solo in place. Channel mute. Faders move via automation. Custom order configurations. High resolution meters. Full patchbay included.

**DIMENSIONS** W varies x 32" D x 36" H. Weight varies.

## Encore

**DESCRIPTION** 128-channel tabletop mixer.  
**MSRP** Varies with channels and options.

**FEATURES** +4dBu operating level. Film format. Standard meter bridge. 4-band parametric EQ and highpass/lowpass filters. Solo in place. Channel mute. Faders move via automation. Film-style signal flow. Surround panning and monitoring. Machine control. Many options available.

**DIMENSIONS** W varies x 48" D x 36" H. Weight varies.

## Essence

**DESCRIPTION** 32-channel tabletop mixer.  
**MSRP** Varies with channels and options.

**FEATURES** +4dBu operating level. Split format. Standard meter bridge. 4-band sweepable EQ with highpass and lowpass filters. Phantom power. Solo in place. Channel mute. Sync to timecode. ADR- and Foley-specific mixer. Patchbay included. LatFec computer option.

**DIMENSIONS** W varies x 36" D x 36" H. Weight varies.

## Neotek Elite

**DESCRIPTION** 24-channel tabletop mixer.  
**MSRP** Varies with channel and options.

**AUDIO I/O** 24 bus outputs.

**FEATURES** +4dBu operating level. In-line format. Meter bridge. 4 parametric EQ with sweep filter. Onboard effects. Phantom power. Solo in place. Channel mute. Faders move via automation. Custom order configurations. High resolution meters. Full patchbay included. Semi-discrete circuits.

**DIMENSIONS** W varies x 48" D x 36" H. Weight varies.

## RANE

## MM8X

**DESCRIPTION** 9-channel mixer.  
**MSRP** \$899.

**AUDIO I/O** 2 XLR mic inputs. 9 RCA line inputs. 1/4" master outputs. 1/4" aux sends. 1/4" aux returns.

**FEATURES** +4dBu operating level. Standard meter bridge. 3-band shelving EQ. Phantom power. Front panel aux in/out. Replaceable VCA-controlled active crossfader.

**DIMENSIONS** 4U rackmount.

## MP22X

**DESCRIPTION** 9-channel mixer.

**MSRP** \$949.

**AUDIO I/O** 7 RCA line inputs. 1/4" master outputs. 2 RCA aux sends. 2 RCA aux returns.

**FEATURES** +4dBu operating level. Standard meter bridge. 3-band shelving EQ. Phantom power. Mobile DJ mixer. Replaceable VCA-controlled active crossfader.

**DIMENSIONS** 4U rackmount.

## MP24X

**DESCRIPTION** 9-channel mixer.

**MSRP** \$1,299.

**AUDIO I/O** 2 mic inputs. 9 line inputs. 2 master outputs. 2 1/4" aux sends. 2 1/4" aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Standard meter bridge. 4-band shelving EQ. Phantom power. DJ club mixer. Replaceable VCA-controlled active crossfader.

**DIMENSIONS** 4U rackmount.

## ROCKSONICS

## GVCA-2 MIDI-Programmable VCA

**DESCRIPTION** 2-channel rackmount mic/line mixer.

**MSRP** \$399.

**AUDIO I/O** 2 mic/line inputs. 2 master outputs.

**FEATURES** 2-channel instrument/line level amplifier. Switchable operating levels. Channel mute. Internal snapshots. External computer or realtime MIDI control. Onboard LCD. 2 independent channels with Hi-Z inputs and switch-selectable line/instrument operating levels. Can be used as a line level, post pre-amp control. 128 presets. Real-time control via MIDI continuous controller commands.

**DIMENSIONS** 1U rackmount. 4 lbs.

## MVCA-4 MIDI-Controlled Quad VCA

**DESCRIPTION** 4-channel tabletop line mixer.

**MSRP** \$249.

**AUDIO I/O** 4 mic/line inputs. 4 direct outputs.

**FEATURES** 4-channel line-level amplifier that responds to MIDI continuous controller and note-on data. -10dBV operating level. Meter bridge. Channel mute. External computer or realtime MIDI control. Can be used with any external MIDI sequencer to automate a mixing console or remotely control audio levels via MIDI. 4 independent audio channels with unbalanced 1/4" input/outputs operating at nominal signal levels of -10dB. Half-rack chassis is rackmountable via optional RK-2 adapter.

**DIMENSIONS** 8" W x 9" D x 1.7" H. 2 lbs.

## ROLAND

## DJ-2000

**DESCRIPTION** 2-channel rackmount mixer.

**MSRP** \$1,495.

**AUDIO I/O** 2 XLR and 1/4" mic inputs. 5 RCA line inputs. 3 phono mic/line inputs. 2 RCA master outputs. 2 RCA speaker inputs. 2 1/4" aux sends. 2 1/4" aux returns.

**FEATURES** Phono operating level. In-line format. Meter bridge. 3-band EQ. Onboard DSP effects include overdrive, delay, voice, flange, filter robot, and slicer. DSP syncable to MIDI clock, channel input, or tap.

**DIMENSIONS** 19" W x 12.25" D x 4.5" H. 16 lbs.

## PA-410

**DESCRIPTION** 10-channel tabletop powered mixer.

**MSRP** \$1,595.

**AUDIO I/O** 4 RCA line inputs. 6 XLR mic/line inputs. 2 1/4" power inputs. 2 1/4" aux returns.

**FEATURES** +4dBu operating level. In-line format. Meter bridge. 3-band shelving EQ on mono channels, 2-band shelving EQ on stereo channels. 200W/4 ohms, 120W/8 ohms power ratings. 6 mono, 2 stereo channels. 7-band graphic equalizer.

**DIMENSIONS** 21-3/16" W x 21-7/8" D x 7-1/4" H. 54 lbs., 8 oz.

## RX-62

**DESCRIPTION** 6-channel tabletop mixer.

**MSRP** \$295.

**AUDIO I/O** 6 1/4" mic/line inputs. 1/4" master outputs. 1 1/4" aux send. 2 1/4" aux returns.

**FEATURES** +4dBu operating level. In-line format. Meter bridge.

**DIMENSIONS** 11-1/4" W x 8-5/16" D x 3-3/8" H. 5 lbs., 12 oz.

## RX-82

**DESCRIPTION** 8-channel console mixer.

**MSRP** \$395.

**AUDIO I/O** 8 1/4" mic/line inputs. 1/4" master outputs. 2 1/4" aux sends. 2 1/4" aux returns.

**FEATURES** +4dBu operating level. In-line format. Meter bridge. 2-band

shelving EQ.

**DIMENSIONS** 14-3/16" W x 12" D x 3-15/16" H. 9 lbs., 15 oz.

## ROLLS

## MX902 Compact Mixer

**DESCRIPTION** 9-channel rackmountable tabletop mixer.

**MSRP** \$250.

**AUDIO I/O** 3 XLR mic inputs. 6 1/4" line inputs. 1 1/4" headphone jack. 1/4" master outputs. 2 1/4" aux sends.

**FEATURES** -10dBV/+4dBu operating levels. Meter bridge. Phantom power.

**DIMENSIONS** 6U rackmount. 3 lbs.

## RM203 Stereo Line Mixer

**DESCRIPTION** 10-channel rackmount line mixer.

**MSRP** \$280.

**AUDIO I/O** 20 1/4" line inputs. 2 RCA tape inputs. 1/4" master outputs. 1 1/4" aux send. 2 1/4" aux returns.

**FEATURES** +4dBu operating level. Meter bridge.

**DIMENSIONS** 1U rackmount. 7 lbs.

## RM65 6 x 4 Mixer

**DESCRIPTION** 6-channel rackmount mic/line mixer.

**MSRP** \$320.

**AUDIO I/O** 6 XLR mic inputs. 6 1/4" line inputs. 1/4" master outputs. 2 1/4" aux sends. 2 1/4" aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Meter bridge. Treble and bass EQ. Phantom power.

**DIMENSIONS** 1U rackmount. 7 lbs.

## RM81 Mix Max

**DESCRIPTION** 8-channel rackmount mic/line mixer.

**MSRP** \$290.

**AUDIO I/O** 8 XLR mic inputs. 8 1/4" line inputs. 1/4" master outputs.

**FEATURES** -10dBV/+4dBu operating levels. Meter bridge. 1 tone control.

**DIMENSIONS** 1U rackmount. 7 lbs.

## SAMSON

## Eurodesk MX9000

**DESCRIPTION** 24-channel console mic/line mixer.

**MSRP** \$2,799.99.

**AUDIO I/O** 24 mic/line inputs. 48 mono inputs. 24 direct outputs. 6 aux sends. 6 aux returns. 2 supplementary stereo inputs.

**FEATURES** In-line format. Standard meter bridge. 4-band EQ with sweepable mids, low-cut, and constant-Q on main channels; 2-band EQ for B channels. Phantom power. 24 total inline channels. 8 groups. 24 mic preamps. Internal talkback mic. 400VA external power supply. 4580 operational amplifiers. Each channel has discrete mic pre-amp that uses conjugate pair transistors running in high-current mode instead of standard ICs.

## Mixpad 12

**DESCRIPTION** 12-channel tabletop mic/line mixer.

**MSRP** \$299.99.

**AUDIO I/O** 6 balanced XLR and 1/4" mic/line inputs. 3 1/4" stereo line inputs. 1 CD/tape phono inputs. 2 master outputs. 2 aux sends. 2 aux returns. Front-panel headphone jack.

**FEATURES** Meter bridge. 2-band EQ. Phantom power. Pan/balance and level controls per channel. Optional battery power. Aux sends and stereo aux returns can be used as 4 mono aux returns. Main level control. Power and peak LEDs.

**DIMENSIONS** 12" W x 2.3" D x 9" H. 6 lbs., 8 oz.

## Mixpad 4

**DESCRIPTION** 9-channel tabletop mic/line mixer.

**MSRP** \$189.99.

**AUDIO I/O** 2 balanced XLR and 1/4" mic/line inputs. 1 pair 1/4" stereo inputs. 2 master outputs. 1 aux send. 1 stereo aux return. 1 phono CD/tape input. Front-panel headphone jack.

**FEATURES** Meter bridge. 3-band EQ. 48V Phantom power. Pan, balance, and level controls per channel. Battery power. Aux send and stereo aux return can be used as 2 mono aux returns. Main level control. Power and peak LEDs.

**DIMENSIONS** 6.4" W x 9" D x 2.7" H. 2 lbs.

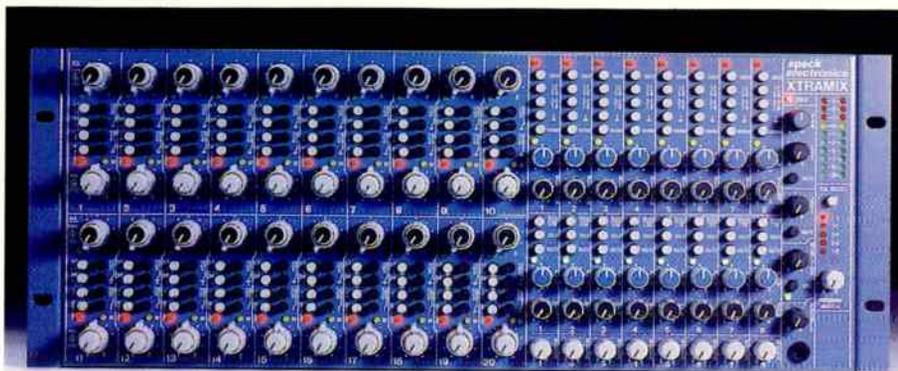
## Mixpad 9

**DESCRIPTION** 9-channel tabletop mic/line mixer.

**MSRP** \$219.99.

**AUDIO I/O** 3 balanced XLR and 1/4" mic/line inputs. 3 1/4" stereo line inputs. 2 master outputs. 2 aux sends. 2 aux returns. Front-panel headphone jack. 1 phono CD/tape input.

**FEATURES** Meter bridge. 2-band EQ. Phantom power. Pan, balance, and level controls per channel. Optional battery power. Aux sends and stereo aux returns have independent level controls and can be used

**Speck Xtramix**

Reader Service No. 204

as 4 mono aux returns. Main level control. Power and peak LEDs.  
**DIMENSIONS** 9" W x 9" D x 2.3" H. 5 lbs., 8 oz.

**MPL1204**

**DESCRIPTION** 12-channel rackmount mic/line mixer.  
**MSRP** \$499.99.

**AUDIO I/O** 12 XLR and 1/4" mono mic/line inputs. 2 main inputs. 2 control room inputs. 2 aux sends (1 pre, 1 post). 2 stereo aux returns. Front panel headphone jack and level control.

**FEATURES** Meter bridge. 3-band EQ. Phantom power. 4-bus design with mic/line trim pots. Solo and busing switches. Main and control room levels. Meter switch to monitor busses 1/2 or 3/4 below LED display with tape switch to monitor stereo signal into channels 11/12. Assignable subgroup switches for master and control room outputs. Rear-mounted connectors.

**DIMENSIONS** 4U rackmount. 15 lbs., 14 oz.

**MPL1502**

**DESCRIPTION** 15-channel tabletop mic/line mixer.  
**MSRP** \$329.99.

**AUDIO I/O** 5 XLR and 1/4" balanced mic/line inputs. 2 aux returns. 5 stereo 1/4" line inputs. 1/4" stereo tape inputs and outputs. Headphone jack with dedicated level control. 5 channel inserts.

**FEATURES** Meter bridge. Phantom power. 15x2 configuration. Can be converted to 6-space rackmount. 3-band EQ. Pan, balance control and input trim per channel. Switchable 48V phantom power. Post-fade aux sends and stereo aux returns can be used as 4 mono aux returns.

**DIMENSIONS** 6U rackmount. 7 lbs., 10 oz.

**PL1602**

**DESCRIPTION** 16-channel rackmount mic/line mixer.  
**MSRP** \$259.99.

**AUDIO I/O** 2 XLR mic inputs. 8 stereo line inputs. 6 mic/line inputs. 2 bus inserts. 2 effects returns inputs. 2 master outputs. 2 aux sends. 2 stereo aux returns. 16 balanced 1/4" line inputs.

**FEATURES** Meter bridge. 2-band EQ. Onboard effects. 16x2 configuration. Balance and level controls on each channel. 2 main left/right faders. Headphone jack with dedicated level control. 2 pre-fade aux sends and 2 stereo aux returns can be used as 4 mono aux returns.

**DIMENSIONS** 2U rackmount. 8 lbs., 12 oz.

**PL2404**

**DESCRIPTION** 24-channel rackmount line mixer.  
**MSRP** \$499.99.

**AUDIO I/O** 2 XLR mic/line inputs with trim controls. 4 channel and bus inserts. 12 stereo line inputs. 4 bus outputs. 2 stereo post-fade aux sends. 4 aux returns. Main and control room stereo outputs. 24 electronically-balanced 1/4" line inputs.

**FEATURES** Meter bridge. Channel mute. 24x4x2 stereo configuration. 3-band EQ. Balance control, solo and mute switches per channel. 4 main bus faders. Headphone jack with dedicated level control. Output level metering. Switchable pre-fade and after-fade listen modes. Stereo post-fade aux sends can be used as 4 mono aux sends. 4 stereo aux returns can be used as 8 mono aux returns.

**DIMENSIONS** 4U rackmount. 16 lbs., 8 oz.

**SAMSON/BEHRINGER****Eurodesk MX328A**

**DESCRIPTION** 28-channel tabletop mic/line mixer.  
**MSRP** \$1,899.99.

**AUDIO I/O** 24 mic/line inputs. 8 aux sends. 4 aux returns.  
**FEATURES** +4dBu operating level. Meter bridge. 3-band semi-parametric EQ. Channel mute. 8 aux sends per channel. 6 pre-fader aux sends and 2 post-fader aux sends. Auxes 1/2 are pre-fader, and 3/4 are post-fader. Auxes 5-8 are switchable pre- or post-fader and have a shift switch to assign shared pairs of level controls to either aux 5/6 or 7/8. Pan and solo controls. 4580 operational amplifiers.

**SHS AUDIO****CMX-1242**

**DESCRIPTION** 12-channel console mixer.  
**MSRP** \$1,990.

**AUDIO I/O** 12 XLR mic inputs. 12 1/4" line inputs. 12 1/4" mic/line inputs. 2 XLR bus outputs. 12 1/4" direct outputs. 2 XLR master outputs. 4 1/4" aux sends. 4 1/4" aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Inline format. Standard meter bridge. 2 EQ and 1 sweepable per channel. Phantom power. Channel mute. Onboard LCD. Monitor output.

**DIMENSIONS** 36" W x 26" D x 6" H. 17 lbs.

**CMX-1664**

**DESCRIPTION** 16-channel console mixer.  
**MSRP** \$1,990.

**AUDIO I/O** 16 XLR mic inputs. 16 1/4" line inputs. 16 1/4" mic/line inputs. 4 XLR bus outputs. 16 1/4" direct outputs. 2 XLR master outputs. 6 1/4" aux sends. 6 1/4" aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Inline format. Standard meter bridge. 2 EQ plus 1 sweepable per channel. Phantom power. Channel mute. Onboard LCD. Monitor output.

**DIMENSIONS** 36" W x 31" D x 6" H. 42 lbs.

**CMX-2464**

**DESCRIPTION** 24-channel console mixer.  
**MSRP** \$2,489.

**AUDIO I/O** 24 XLR mic inputs. 24 1/4" line inputs. 24 1/4" mic/line inputs. 4 XLR bus outputs. 24 1/4" direct outputs. 2 XLR master outputs. 6 1/4" aux sends. 6 1/4" aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Inline format. Standard meter bridge. 2 EQ plus 1 sweepable per channel. Phantom power. Channel mute. Onboard LCD. Monitor output.

**DIMENSIONS** 42" W x 31" D x 6" H. 59 lbs.

**RX-410**

**DESCRIPTION** 4-channel powered mixer.  
**MSRP** \$449.

**AUDIO I/O** 4 XLR mic inputs. 4 1/4" line inputs. 2 1/4" master outputs. **FEATURES** +4dBu operating level. Meter bridge. 2 parametric EQ bands. Onboard effects. 110W/4 ohms, 80W/8 ohms power ratings.

**DIMENSIONS** 18" W x 10" D x 7" H. 22 lbs.

**RX-6150**

**DESCRIPTION** 6-channel powered mixer.  
**MSRP** \$575.

**AUDIO I/O** 6 XLR mic inputs. 6 1/4" line inputs. 2 1/4" aux sends. 2 1/4" aux returns. **FEATURES** +4dBu operating level. Onboard effects. 100W/4 ohms, 150W/8 ohms power ratings.

**DIMENSIONS** 18" W x 8" D x 9" H. 25 lbs.

**SOUNDCRAFT****Ghost**

**DESCRIPTION** 32-channel console mixer.

**MSRP** \$7491.

**AUDIO I/O** 32 analog mic/line inputs. 8 analog bus outputs. 32 analog direct outputs. 2 analog master outputs. 10 aux sends. 8 analog aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Inline format. Optional meter bridge. 2 parametric, 2 shelving EQs. Phantom power. Solo in place. Channel mute. Optional 24-Channel expander. Internal snapshots and realtime control. External computer or realtime MIDI control. Sync to timecode. Onboard LCD. Available in 74-channel version, \$5,334.

**DIMENSIONS** 51.3" W x 30.7" D x 6.2" H. 120 lbs.

**SPECK****XTRAMIXcd**

**DESCRIPTION** 76-channel rackmount line mixer.  
**MSRP** \$2,990.

**AUDIO I/O** 76 1/4" line inputs. 10 1/4" mic/line inputs. 2 1/4" cue/aux inputs. 8 1/4" bus outputs. 2 1/4" master outputs. 8 1/4" aux sends. 8 stereo 1/4" aux returns.

**FEATURES** +4dBu operating level. Inline format. Standard meter bridge. Solo in place. Channel mute. Expander connection included. Talk-back. Tuner output. Control room and headphone controls. 8-track inline monitoring.

**DIMENSIONS** 4U rackmount. 32 lbs.

**SPIRIT BY SOUNDCRAFT****Digital 328**

**DESCRIPTION** 32-channel tabletop digital mixer.  
**MSRP** \$4,999.95.

**AUDIO I/O** 16 XLR mic inputs. 16 1/4" line inputs. 16 1/4" mic/line inputs. 16 TDIF inputs. 16 optical inputs. 10 1/4" stereo inputs. 16 digital direct outputs. 2 XLR master outputs. 2 1/4" control room inputs. Headphone jack. 18 optical TDIF inputs. 4 1/4" aux sends.

**FEATURES** -10dBV/+4dBu operating levels. Virtual inline format. Standard meter bridge. 3-band fully parametric EQ. Onboard effects. Phantom power. Solo in place. Channel mute. 100 internal digital mixer snapshots. External computer or realtime MIDI control. External digital sync. Sync to timecode. Faders move via automation. TDIF to RCA analog. TDIF to AES/EBU. TDIF to mic/XLR analog. Onboard LCD. Includes 2 Lexicon effects processors, Ultra Mic Plus preamp.

**DIMENSIONS** 28" W x 21" D x 5.5" H. 37 lbs.

**Folio FX16**

**DESCRIPTION** 16-channel rackmount mixer.  
**MSRP** \$1,199.95.

**AUDIO I/O** 16 XLR mic inputs. 16 1/4" line inputs. 16 1/4" mic/line inputs. 2 RCA 2-track inputs. 4 1/4" bus outputs. 16 1/4" direct outputs. XLR master outputs. 1 1/4" mono input. 2 1/4" monitor inputs. Headphone jack. 3 1/4" aux sends. 4 1/4" aux returns.

**FEATURES** +4dBu operating level. Meter bridge. 3-band EQ with sweepable mid. Onboard effects. Phantom power. Channel mute. Programmable Lexicon effects processor included.

**DIMENSIONS** 17.5" W x 18" D x 6" H. 16 lbs.

**Folio FX8**

**DESCRIPTION** 8-channel rackmount mixer.  
**MSRP** \$699.95.

**AUDIO I/O** 8 XLR mic inputs. 8 1/4" line inputs. 8 1/4" mic/line inputs. 2 RCA 2-track inputs. 2 RCA 2-track inputs. 8 1/4" stereo inputs. 2 1/4" bus outputs. 8 1/4" direct outputs. 1/4" master outputs. 2 1/4" monitor inputs. 1 1/4" mono input. Headphone jack. 2 1/4" aux sends.

**FEATURES** +4dBu operating level. Meter bridge. 3-band EQ with sweepable mid. Onboard effects. Phantom power. Channel mute. Includes programmable Lexicon effects processor. Direct outputs on each mono input.

**DIMENSIONS** 17.5" W x 16.5" D x 4" H. 16 lbs.

**Folio NotePad**

**DESCRIPTION** 4-channel tabletop mixer.  
**MSRP** \$299.95.

**AUDIO I/O** 4 XLR mic inputs. 4 1/4" line inputs. 4 RCA stereo inputs. 2 RCA 2-track inputs. 1/4" master outputs. 2 RCA monitor inputs. Headphone jack. 1/4" aux sends. 2 1/4" aux returns.

**FEATURES** +4dBu operating level. Meter bridge. 2-band fixed EQ.

**DIMENSIONS** 8.7" W x 8.8" D x 2" H. 4 lbs.

**Folio SX**

**DESCRIPTION** 12-channel mixer.  
**MSRP** \$849.95.

**AUDIO I/O** 12 XLR mic inputs. 16 1/4" line inputs. 12 1/4" mic/line inputs. 4 RCA stereo inputs. 2 RCA 2-track inputs. 4 1/4" bus out-

puts. 12 1/4" direct outputs. 1/4" master outputs. 2 1/4" monitor inputs. 1 1/4" Mono input. Headphone jack. 3 1/4" aux sends.

**FEATURES** +4dBu operating level. Meter bridge. 3-band EQ with sweepable mid. Phantom power. Channel mute.

**DIMENSIONS** 18.9" W x 20" D x 2.8" H. 15 lbs.

### Live 4 Squared

**DESCRIPTION** 32-channel tabletop mixer.

**MSRP** \$5,339.95.

**AUDIO I/O** 32 XLR mic inputs. 32 1/4" line inputs. 32 1/4" mic/line inputs. 2 RCA 2-track inputs. 4 XLR bus outputs. 32 1/4" direct outputs. XLR master outputs. 2 1/4" record inputs. Headphone jack. 2 XLR matrix inputs. 6 1/4" aux sends. 4 1/4" aux returns.

**FEATURES** +4dBu operating level. Meter bridge. 4-band EQ with sweepable mids. Phantom power. Channel mute. 8-channel expander. Available in 12-, 16-, 32-, and 40-channel configurations.

**DIMENSIONS** 53.5" W x 23" D x 3.5" H. 77 lbs.

### LX7

**DESCRIPTION** 24-channel tabletop mixer.

**MSRP** \$2,499.95.

**AUDIO I/O** 24 XLR mic inputs. 24 1/4" line inputs. 24 1/4" mic/line inputs. 4 1/4" stereo inputs. 2 RCA 2-track inputs. 4 1/4" bus outputs. 24 1/4" direct outputs. XLR master outputs. 2 1/4" monitor inputs. 1 XLR mono input. Headphone jack. 6 1/4" aux sends. 4 1/4" aux returns.

**FEATURES** +4dBu operating level. Meter bridge. 4-band EQ with 2 sweepable mids. Phantom power. Channel mute. 7 bus (left, right, mono, group 1-4).

**DIMENSIONS** 34" W x 20" D x 6.5" H. 47 lbs.

### Powerstation 1200

**DESCRIPTION** 16-channel tabletop powered mixer.

**MSRP** \$1,999.95.

**AUDIO I/O** 16 XLR mic inputs. 16 1/4" line inputs. 16 1/4" mic/line inputs. 4 1/4" stereo inputs. 2 1/4" master outputs. 2 speaker inputs. 2 RCA tape inputs. 2 1/4" aux sends.

**FEATURES** +4dBu operating level. Meter bridge. 3-band EQ with sweepable mid. Onboard effects. 600W/4 ohms, 350W/8 ohms power ratings. 7-band graphic EQ. Additional frame and power configurations.

**DIMENSIONS** 29" W x 18" D x 7.25" H. 66 lbs.

### Spirit 8/40

**DESCRIPTION** 40-channel console mixer.

**MSRP** \$6,999.95.

**AUDIO I/O** 40 XLR mic inputs. 40 XLR line inputs. 40 1/4" mic/line inputs. 8 1/4" stereo inputs. 8 XLR bus outputs. 40 1/4" direct outputs. XLR master outputs. 2 XLR matrix inputs. 2 1/4" record inputs. Headphone jack. 6 1/4" aux sends. 8 1/4" aux returns.

**FEATURES** +4dBu operating level. Standard meter bridge. 4-band EQ with 2 sweepable mids. Phantom power. Channel mute. Available in 16-, 24-, 32- and 40-channel configurations. Unit includes Ultra Mic Plus preamp.

**DIMENSIONS** 62.3" W x 26" D x 7" H. 119 lbs.

## STEINBERG

### Niche ACM Audio Control Module

**DESCRIPTION** 8-channel rackmount level controller.

**MSRP** \$499.

**AUDIO I/O** 8 1/4" mic/line inputs. 8 1/4" direct outputs. 1/4" master outputs.

**FEATURES** External computer or realtime MIDI control. Uses MIDI continuous controller data to adjust the level of any audio source. Employs non-VCA design to maintain >95dB signal-to-noise ratio and frequency response flat to within .1dB from 30 to 30k cycles.

**DIMENSIONS** 1U rackmount.

## STUDIOMASTER

### Club 102-DSP

**DESCRIPTION** 8-channel rackmount mixer.

**MSRP** \$629.95.

**AUDIO I/O** 2 stereo line inputs. 6 XLR, 1/4" mic/line inputs. 2 1/4" RCA master outputs. 2 1/4" aux sends. 2 1/4" aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Split format. 3-band EQ with sweepable mid on main channel. Onboard effects. 48v phantom power. 8-space rack ears included or free-standing. 76-preset, 16-bit onboard digital effects processor with 4 user programs. Balanced/unbalanced inputs/outputs. Inserts on L/R outputs. 60mm linear faders. Headphone bus. Stereo record/playback bus. Pre/post switchable aux sends. PFL on all channels.

**DIMENSIONS** 17-1/2" W x 12-1/2" D x 2-1/4" H. 18 lbs.

### Club 2000-102

**DESCRIPTION** 8-channel rackmount mixer.

**MSRP** \$439.95.

**AUDIO I/O** 2 stereo line inputs. 6 XLR, 1/4" mic/line inputs. 2 1/4" RCA master outputs. 2 1/4" aux sends. 2 1/4" aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Split format. 3-band EQ with sweepable mid on main channel. 48v phantom power. 8-space rack ears included or free-standing. Balanced/unbalanced inputs/outputs. Inserts on L/R outputs. 60mm linear faders. Headphone bus. Stereo record/playback bus. Pre/post switchable aux sends. PFL on all channels.

**DIMENSIONS** 13-3/8" W x 12-1/2" D x 2-1/4" H. 17 lbs.

### Club 2000-142

**DESCRIPTION** 12-channel rackmount mixer.

**MSRP** \$549.95.

**AUDIO I/O** 2 stereo line inputs. 10 XLR, 1/4" mic/line inputs. 2 1/4" RCA master outputs. 2 1/4" aux sends. 2 1/4" aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Split format. 3-band EQ with sweepable mid on main channel. 48v phantom power. 8-space rack ears included or free-standing. Balanced/unbalanced inputs/outputs. Inserts on L/R outputs. 60mm linear faders. Headphone bus. Stereo record/playback bus. Pre/post switchable aux sends. PFL on all channels.

**DIMENSIONS** 17-1/2" W x 12-1/2" D x 2-1/4" H. 18 lbs.

### Club 2000-182

**DESCRIPTION** 16-channel tabletop mixer.

**MSRP** \$669.95.

**AUDIO I/O** 2 stereo line inputs. 14 XLR, 1/4" mic/line inputs. 2 1/4" RCA master outputs. 2 1/4" aux sends. 2 1/4" aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Split format. 3-band EQ with sweepable mid on main channel. 48v phantom power. Balanced/unbalanced inputs/outputs. Inserts on L/R outputs. 60mm linear faders. Headphone bus. Stereo record/playback bus. Pre/post switchable aux sends. PFL on all channels.

**DIMENSIONS** 22-3/4" W x 12-1/2" D x 2-1/4" H. 22 lbs.

### Club Series RC-12

**DESCRIPTION** 8-channel rackmount mixer.

**MSRP** \$359.95.

**AUDIO I/O** 4 stereo line inputs. 4 XLR, 1/4" mic/line inputs. 2 1/4" RCA master outputs. 2 1/4" aux sends. 2 1/4" aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Split format. 3-band fixed EQ on mono channels, 2-band on stereo. Phantom power. 6-space rack ears included or free-standing. Balanced/unbalanced inputs/outputs. Inserts on L/R outputs. Calibrated faders. Headphone bus. Stereo record/playback bus. Pre/post switchable aux sends. PFL on all channels.

**DIMENSIONS** 6 rack spaces. 15 lbs.

### Compact Series 42-DC

**DESCRIPTION** 4-channel tabletop mic/line mixer.

**MSRP** \$84.95.

**AUDIO I/O** 4 1/4" mic inputs. 4 RCA line inputs. 9V battery-powered inputs. RCA master outputs.

**FEATURES** Split format. 9V battery powered or DC powered with 9V 15MA adapter. Rotary fader, master level, and pan controls. Mono/stereo switch. Battery test switch.

**DIMENSIONS** 8.75" W x 4.75" D x 3" H. 3 lbs.

### Compact Series 42DC-XLR

**DESCRIPTION** 4-channel tabletop mic/line mixer.

**MSRP** \$129.95.

**AUDIO I/O** 4 XLR mic inputs. 4 RCA line inputs. 9V battery-powered inputs. 1/4" master outputs. Mic/line switch on inputs.

**FEATURES** Split format. 9V battery powered or DC powered with 9V 15MA adapter. Rotary fader, pan, master level controls. Mono/stereo switch. Battery test switch.

**DIMENSIONS** 8.75" W x 4.75" D x 2" H. 3 lbs.

### Horizon 1208

**DESCRIPTION** 8-channel powered rackmount mixer.

**MSRP** \$1,895.

**AUDIO I/O** 8 XLR mic inputs. 10 1/4" line inputs. 6 mic/line inputs. 1/4" stereo returns. 1 1/4" bus output. 2 master outputs. 2 1/4" inserts. 4 1/4" aux sends. Stereo aux return.

**FEATURES** +4dBu operating level. Split format. 3-band EQ with sweepable mid. Onboard effects. Phantom power. Solo in place. External computer or realtime MIDI control. 350 x 350W/4 ohms, 210 x 210W/8 ohms power ratings. 10-space rack ears included or free standing. 166-preset, 32-bit internal processing onboard stereo digital effects processor with 19 user programs. Optional plug-in active

crossover. Stereo sub-group. Dual 7-band graphic EQ assignable to sub-group or L/R. Amp split to monitor feature. MIDI control of 15 user programs. Programmable footswitch. Built-in effects processor help menu. Bright alpha numeric display. Full ACMS amplifier management and protection circuitry.

**DIMENSIONS** 20-1/4" W x 17-1/2" D x 6-3/4" H. 55 lbs.

### Horizon 1216

**DESCRIPTION** 16-channel powered console mixer.

**MSRP** \$2,295.

**AUDIO I/O** 16 XLR mic inputs. 20 1/4" line inputs. 12 mic/line inputs. 1/4" stereo returns. 1/4" bus outputs. 2 master outputs. 2 1/4" inserts. 4 1/4" aux sends. Stereo aux returns.

**FEATURES** +4dBu operating level. Split format. 3-band EQ with sweepable mid. Onboard effects. Phantom power. Solo in place. External computer or realtime MIDI control. 350 x 350W/4 ohms, 210x210W/8 ohms power ratings. 10-space rack ears included or free standing. 166-preset, 32-bit internal processing onboard stereo digital effects processor with 19 user programs. Optional plug-in active crossover. Stereo sub-group. Dual 7-band graphic EQ assignable to sub-group or L/R. Amp split to monitor feature. MIDI control of 15 user programs. Programmable footswitch. Built-in effects processor help menu. Bright alpha numeric display. Full ACMS amplifier management and protection circuitry.

**DIMENSIONS** 29-1/2" W x 17-1/2" D x 6-3/4" H. 64 lbs.

### Mixdown Classic MD8C-16

**DESCRIPTION** 16-channel console mixer.

**MSRP** \$2,495.

**AUDIO I/O** 16 XLR mic inputs. 32 1/4" line inputs. 16 mic/line inputs. 1/4" stereo returns. 8 1/4" bus outputs. 16 direct outputs. 2 XLR master outputs. 2 1/4" inserts. 8 1/4" group inserts. 6 1/4" aux sends. Stereo aux return.

**FEATURES** -10dBV/+4dBu operating levels. Split format. Optional meter bridge. 3-band EQ with mid and bass sweep. Phantom power. Solo in place. Channel mute. External computer or realtime MIDI control and MIDI muting. 100mm linear faders. EQ defeat per channel. PFL listen per channel. Mic, line, and tape switching. Split design with independent tape monitors. 1kHz slate tone. Built-in talkback mic. Control room monitor. XLR and 1/4" tape/master outputs. Fader reverse. Group and L/R metering. Headphone bus. 16 x 8 x 16 x 2 configuration.

**DIMENSIONS** 37" W x 25-1/2" D x 5" H. 67 lbs.

### Mixdown Classic MD8C-24

**DESCRIPTION** 24-channel console mixer.

**MSRP** \$2,995.

**AUDIO I/O** 24 XLR mic inputs. 40 1/4" line inputs. 16 mic/line inputs. 1/4" stereo returns. 8 1/4" bus outputs. 24 direct outputs. 2 XLR master outputs. 2 1/4" inserts. 8 1/4" group inserts. 6 1/4" aux sends. Stereo aux return.

**FEATURES** -10dBV/+4dBu operating levels. Split format. Optional meter bridge. 3-band EQ with mid and bass sweep. Phantom power. Solo in place. Channel mute. External computer or realtime MIDI control and MIDI muting. 100mm linear faders. EQ defeat per channel. PFL listen per channel. Mic, line, and tape switching. Split design with independent tape monitors. 1kHz slate tone. Built-in talkback mic. Control room monitor. XLR and 1/4" tape/master outputs. Fader reverse. Group and L/R metering. Headphone bus. 24 x 8 x 16 x 2 configuration.

**DIMENSIONS** 47-1/8" W x 25-1/2" D x 5" H. 95 lbs.

### Mixdown Classic MD8C-32

**DESCRIPTION** 32-channel console mixer.

**MSRP** \$3,595.

**AUDIO I/O** 32 XLR mic inputs. 48 1/4" line inputs. 32 mic/line inputs. 1/4" stereo returns. 8 1/4" bus outputs. 32 direct outputs. 2 XLR master outputs. 2 1/4" inserts. 8 1/4" group inserts. 6 1/4" aux sends. Stereo aux return.

**FEATURES** -10dBV/+4dBu operating levels. Split format. Optional meter bridge. 3-band EQ with mid and bass sweep. Phantom power. Solo in place. Channel mute. External computer or realtime MIDI control and MIDI muting. 100mm linear faders. EQ defeat per channel. PFL listen per channel. Mic, line, and tape switching. Split design with independent tape monitors. 1kHz slate tone. Built-in talkback mic. Control room monitor. XLR and 1/4" tape/master outputs. Fader reverse. Group and L/R metering. Headphone bus. 32 x 8 x 16 x 2 configuration.

**DIMENSIONS** 58-1/2" W x 25-1/2 D x 5" H. 108 lbs.

### Pro 2-163R

**DESCRIPTION** 12-channel rackmount mixer.

**MSRP** \$849.95.

**AUDIO I/O** 12 XLR mic inputs. 14 1/4" line inputs. 10 mic/line inputs. 1/4" stereo returns. 2 XLR master outputs. XLR/RCA L/R inputs. XLR mono outputs. 5 1/4" aux sends. 2 stereo aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Split format. 3-band EQ with sweepable mid. Phantom power. Solo in place. Channel mute. 13-space rack ears included or freestanding. Balanced/unbalanced inputs/outputs. 100Hz channel highpass filters. Pre/post switchable aux sends on channels 2-5. Signal present LED's. Inserts on L/R outputs. High/low EQ with aux 5 feed on 2 aux returns. 60mm calibrated faders. External regulated power supply.

**DIMENSIONS** 21-3/16" W x 21-1/8" D x 3" H. 29 lbs.

### Pro 2-203

**DESCRIPTION** 16-channel console mixer.

**MSRP** \$1,049.95.

**AUDIO I/O** 16 XLR mic inputs. 18 1/4" line inputs. 14 mic/line inputs. 1/4" stereo returns. 2 XLR master outputs. XLR and RCA L/R inputs. XLR mono outputs. 5 1/4" aux sends. 2 stereo aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Split format. 3-band EQ with sweepable mid. Phantom power. Solo in place. Channel mute. Balanced/unbalanced inputs/outputs. 100Hz channel highpass filters. Pre/post switchable aux sends on channels 2-5. Signal present LED's. Inserts on L/R outputs. High/low EQ with aux 5 feed on 2 aux returns. 60mm calibrated faders. External regulated power supply.

**DIMENSIONS** 24-3/16" W x 21-1/8" D x 3" H. 34 lbs.

### Trilogy TR-166R

**DESCRIPTION** 12-channel rackmount mixer.

**MSRP** \$1,195.

**AUDIO I/O** 12 XLR mic inputs. 16 1/4" line inputs. 10 mic/line inputs. 1/4" stereo returns. 4 1/4" bus outputs. 10 1/4" direct outputs. 4 XLR, 1/4" master outputs. XLR mono outputs. 6 1/4" aux sends. 4 stereo aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Split format. 3-band EQ with sweepable mid. Phantom power. Solo in place. Channel mute. Expandable up to 32 channels via optional 10-channel expanders, beyond 22 channels requiring EP-5 power supply. 13-space rack ears included or freestanding. Balanced/unbalanced inputs/outputs. 100Hz channel highpass filters. Pre/post switchable aux sends. Signal present LED's. Inserts on L/R outputs. High/low EQ with aux 5 and 6 feed on 2 of the 4 stereo aux returns. Control room monitor output. 2-track output. Stage mode switching (swaps aux sends 1-4 with subgroups 1-4). Headphone bus. 60mm calibrated faders. External regulated power supply.

**DIMENSIONS** 21-3/16" W x 21-1/8" D x 3" H. 30 lbs.

### Trilogy TR-206

**DESCRIPTION** 16-channel console mixer.

**MSRP** \$1,395.

**AUDIO I/O** 16 XLR mic inputs. 18 1/4" line inputs. 14 mic/line inputs. 1/4" stereo returns. 4 1/4" bus outputs. 14 1/4" direct outputs. 4 XLR, 1/4" master outputs. XLR mono outputs. 6 1/4" aux sends. 4 stereo aux returns.

**FEATURES** -10dBV and +4dBu operating level. Split format. 3 band w/mid sweep. Phantom power. Solo in place. Channel mute. Expandable up to 32 channels via optional 10-channel expanders, beyond 26 channels requiring EP-5 power supply. 13-space rack ears included or freestanding. Balanced/unbalanced inputs/outputs. 100Hz channel highpass filters. Pre/post switchable aux sends. Signal present LED's. Inserts on L/R outputs. High/low EQ with aux 5 and 6 feed on 2 of the 4 stereo aux returns. Control room monitor output. 2-track output. Stage mode switching (swaps aux sends 1-4 with subgroups 1-4). Headphone bus. 60mm calibrated faders. External regulated power supply.

**DIMENSIONS** 24-3/16 W x 21-1/8" D x 3" H. 36 lbs.

### Trilogy TR-326

**DESCRIPTION** 24-channel console mixer.

**MSRP** \$1,795.

**AUDIO I/O** 24 XLR mic inputs. 28 1/4" line inputs. 20 mic/line inputs. 1/4" stereo returns. 4 1/4" bus outputs. 20 1/4" direct outputs. 4 XLR, 1/4" master outputs. XLR mono outputs. 6 1/4" aux sends. 4 stereo aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Split format. 3-band EQ with sweepable mid. Phantom power. Solo in place. Channel mute. Balanced/unbalanced inputs/outputs. 100Hz channel highpass filters. Pre/post switchable aux sends. Signal present LED's. Inserts on L/R outputs. High/low EQ with aux 5 and 6 feed on 2 of the 4 stereo aux returns. Control room monitor output. 2-track output. Stage mode switching (swaps aux sends 1-4 with subgroups 1-4). Headphone bus. 60mm calibrated faders. External regulated power supply.

**DIMENSIONS** 34" W x 21-1/8" D x 3" H. 52 lbs.

### Vision 708

**DESCRIPTION** 8-channel powered console mixer.

**MSRP** \$1,595.

**AUDIO I/O** 8 XLR mic inputs. 10 1/4" line inputs. 6 mic/line inputs. 1/4" stereo returns. 1/4" bus outputs. 2 master outputs. 2 1/4" output inserts. 3 1/4" aux sends. 1 stereo aux return.

**FEATURES** +4dBu operating level. Split format. 3-band EQ with sweepable mid. Onboard effects. Phantom power. Solo in place. External computer or realtime MIDI control. 350 x 350W/4 ohms, 210 x 210W/8 ohms power ratings. 10-space rack ears included or free standing. 166-preset, 32-bit internal processing onboard stereo digital effects processor with 19 user programs. Optional plug-in active crossover. Stereo sub-group. Dual 7-band graphic EQ assignable to sub-group or L/R. Amp split to monitor feature. MIDI control of 15 user programs. Programmable footswitch. Built-in effects processor help menu. Bright alpha numeric display. Full ACMS amplifier management and protection circuitry.

**DIMENSIONS** 20-1/4" W x 17-1/2" D x 6-3/4" H. 50 lbs.

### Vision 712

**DESCRIPTION** 12-channel powered console mixer.

**MSRP** \$1,795.

**AUDIO I/O** 12 XLR mic inputs. 14 1/4" line inputs. 10 mic/line inputs. 1/4" stereo returns. 1/4" bus outputs. 2 master outputs. 2 1/4" inserts. 3 1/4" aux sends. Stereo aux return.

**FEATURES** +4dBu operating level. Split format. 3-band EQ with sweepable mid. Onboard effects. Phantom power. Solo in place. External computer or realtime MIDI control. 350 x 350W/4 ohms, 210 x 210W/8 ohms power ratings. 10-space rack ears included or free standing. 166-preset, 32-bit internal processing onboard stereo digital effects processor with 19 user programs. Optional plug-in active crossover. Stereo sub-group. Dual 7-band graphic EQ assignable to sub-group or L/R. Amp split to monitor feature. MIDI control of 15 user programs. Programmable footswitch. Built-in effects processor help menu. Bright alpha numeric display. Full ACMS amplifier management and protection circuitry.

**DIMENSIONS** 25" W x 17-1/2" D x 6-3/4" H. 55 lbs.

## SWEETWATER SOUND

### ORAM British EQ BEQ24 (32-channel)

**DESCRIPTION** 32-channel console mixer.

**MSRP** \$47,082.

**AUDIO I/O** 32 XLR mic inputs. 32 TRS line inputs. 32 TRS mic/line inputs. 32 TRS tape inputs. 32 TRS direct inputs. 24 both bus outputs. 32 both direct outputs. 3 X/T/R (XLR+TRS+RCA) master outputs. 2 TRS control room inputs. Subwoofer inputs. 30 TRS aux sends. 10 TRS aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Inline format. Standard meter bridge. High/low shelf EQ, 2 sweepable mids, high cut, sweepable low-cut. Phantom power. Solo in place. Channel mute. British EQ sound. Mic preamps handle signals up to +22dBu. 2-way talkback. Dual headphone jacks. Includes an extra channel strip. EQ and solo on aux returns. Built-in oscillator. Noise gate on all channels. Analog VU meters. Long-throw faders. 2-year warranty.

**DIMENSIONS** 61" W x 48" D x 38" H.

### ORAM British EQ BEQ24 (48-channel)

**DESCRIPTION** 48-channel console mixer.

**MSRP** \$70,682.

**AUDIO I/O** 48 XLR mic inputs. 48 TRS line inputs. 48 TRS mic/line inputs. 48 TRS tape inputs. 48 TRS direct inputs. 24 both bus outputs. 48 both direct outputs. 3 X/T/R (XLR+TRS+RCA) master outputs. 2 TRS control room inputs. Subwoofer inputs. 30 TRS aux sends. 10 TRS aux returns.

**FEATURES** -10dBV/+4dBu operating levels. Inline format. Standard meter bridge. High/low shelf EQ, 2 sweepable mids, high cut, sweepable low-cut. Phantom power. Solo in place. Channel mute. British EQ sound. Mic preamps handle signals up to +22dBu. 2-way talkback. Dual headphone jacks. Includes an extra channel strip. EQ and solo on aux returns. Built-in oscillator. Noise gate on all channels. Analog VU meters. Long-throw faders. 2-year warranty.

**DIMENSIONS** 76" W x 48" D x 38" H.

### ORAM British EQ BEQ8 (24-Channel)

**DESCRIPTION** 24-channel console mixer.

**MSRP** \$18,165.

**AUDIO I/O** 24 XLR mic inputs. 24 TRS line inputs. 24 TRS mic/line inputs. 24 TRS tape inputs. 24 TRS direct inputs. 8 both bus outputs. 24 both direct outputs. 3 both master outputs. 2 TRS control room inputs. Subwoofer inputs. 2 TRS solo inputs. 1 both solo inputs. 5 TRS aux sends. 10 TRS aux returns.

**FEATURES** +4dBu operating level. Inline format. Optional meter bridge. High/low shelf EQ, mid and low sweep, high cut. Phantom power.

Solo in place. Channel mute. British EQ sound. Mic preamps handle signals up to +22dBu. 2-way talkback. Dual headphone jacks. Includes spare channel strip. Long-throw faders. Optional analog VU meter bridge. 2-year warranty.

**DIMENSIONS** 66.5" W x 27.2" D x 7.3" H.

### ORAM British EQ BEQ8 (32-channel)

**DESCRIPTION** 32-channel console mixer.

**MSRP** \$23,358.

**AUDIO I/O** 32 XLR mic inputs. 32 TRS line inputs. 32 TRS mic/line inputs. 32 TRS tape inputs. 32 TRS direct inputs. 8 bus outputs. 32 direct outputs. 3 master outputs. 2 TRS control room inputs. Subwoofer inputs. 2 TRS solo inputs. 1 both solo input. 5 TRS aux sends. 10 TRS aux returns.

**FEATURES** +4dBu operating level. Inline format. Optional meter bridge. High/low shelf EQ, mid and low sweep, high cut. Phantom power. Solo in place. Channel mute. British EQ sound. Mic preamps handle signals up to +22dBu. 2-way talkback. Dual headphone jacks. Includes an extra channel strip. Analog VU meters. Long-throw faders. 2-year warranty.

**DIMENSIONS** 81.6" W x 27.2" D x 7.3" H.

### ORAM MWSC Octamix Combining Amplifier

**DESCRIPTION** 8-channel rackmount line mixer.

**MSRP** \$1,295.

**AUDIO I/O** 8 TRS line inputs. 2 XLR master outputs. 2 XLR cue inputs.

**FEATURES** +4dBu operating level. Combines 8 sources to 2 separate L/R buses for mono, stereo, or quad.

**DIMENSIONS** 1U rackmount.

## WAVE

### Etek NoteMix

**DESCRIPTION** 14-channel powered mixer.

**MSRP** \$1,299.

**FEATURES** -10dBV and +4dBu operating levels. Inline format. 3-band EQ. Onboard effects. Phantom power. Solo in place. Channel mute. Expansion port for 16/24 channels. 500W/4 ohms power rating. 14 channels plus inserts, effects, and monitor controls. Digital power amps. Rear-facing audio connections. Notebook computer-style design folds up to fit notebook shoulder bag.

**DIMENSIONS** 11" W x 8.5" D x 2.5" H. 8 lbs.

## YAMAHA

### O1V

**DESCRIPTION** 24-channel digital mixer.

**MSRP** \$1,999.

**AUDIO I/O** 8 digital line inputs. 16 analog mic/line inputs. 4 digital/analog bus outputs. 4 digital/analog aux sends.

**FEATURES** Switchable operating levels. 3-band parametric EQ. Onboard effects. Phantom power. Solo in place. Channel mute. Internal digital mixer snapshots. External computer or realtime MIDI control. External digital sync. Faders move via automation. AES, ADAT, TDIF, and Yamaha support. Onboard LCD.

**DIMENSIONS** 16.9" W x 20.4" D x 5.8" H. 27 lbs., 8 oz.

### O2R V.2

**DESCRIPTION** 40-channel digital mixer.

**MSRP** \$8,999.

**AUDIO I/O** 32 digital line inputs. 16 analog mic/line inputs. 10 digital/analog bus outputs. 32 digital direct outputs. 1 digital/analog master output. 8 digital/analog aux sends. 6 analog aux returns.

**FEATURES** Switchable operating levels. Recording format. Optional meter bridge. 4-band overlapping parametric EQ per channel. Onboard effects. Phantom power. Solo in place. Channel mute. Unlimited number of O2R mixers linkable. Internal digital mixer snapshots and internal realtime control. External computer or realtime MIDI control. External digital sync. Sync to timecode. Faders move via automation. AES, ADAT, TDIF, Yamaha, analog, and Cascade support. Onboard LCD. Built-in surround sound panning.

**DIMENSIONS** 26" W x 28" D x 8" H. 66 lbs.

### GA32/12

**DESCRIPTION** 32-channel tabletop mixer.

**MSRP** \$2,999.

**AUDIO I/O** 32 analog mic/line inputs. 12 analog bus outputs. 12 analog aux sends.

**FEATURES** Switchable operating levels. 3-band parametric EQ. Phantom power. Channel mute. Outputs configurable as buses or aux sends for front-of-house or monitor console.

**DIMENSIONS** 54" W x 27-3/4" D x 6-5/16" H. 83 lbs., 12 oz.

## YORKVILLE

### AP312

**DESCRIPTION** 12-channel powered mixer.

**MSRP** \$1,249.

**AUDIO I/O** 8 XLR mic inputs. 4 XXX line inputs. 8 1/4" mic/line inputs. 2 1/4" master outputs. 4 1/4" speaker out inputs. 2 1/4" aux sends.

**FEATURES** Meter bndge. channel-3-band Graphic (2) 9-band. Onboard effects. Phantom power. POWERED MIXER FEATURES 100W @ 4 ohms. 160W @ 8 ohms. XXX LINE ONLY INPUTS FIELD: 1/4" [and] XLR. Optional: Padded carrying bag. Rack ears.

**DIMENSIONS** 19" W x 18" D x 5.5" H. 38 lbs.

#### AP812

**DESCRIPTION** 12-channel powered console mixer.

**MSRP** \$1,499.

**AUDIO I/O** 8 XLR mic inputs. 4 RCA line inputs. 8 1/4" mic/line inputs. 2 1/4" master outputs. 4 1/4" speaker outputs. 2 1/4" aux sends.

**FEATURES** Meter bndge. 3-band EQ. 9-band graphic EQ. Onboard effects. Phantom power. 400W/4 ohms, 240W/8 ohms power ratings. Optional rack ears and padded carrying bag.

**DIMENSIONS** 19" W x 18" D x 5.5" H. 38 lbs.

#### AP818

**DESCRIPTION** 18-channel powered console mixer.

**MSRP** \$1,699.

**AUDIO I/O** 14 XLR mic inputs. 4 RCA line inputs. 2 1/4" master outputs. 4 1/4" speaker outputs. 2 1/4" aux sends.

**FEATURES** Meter bridge. 3-band EQ. 9-band graphic equalizer. Onboard effects. Phantom power. 400W/4 ohms, 240W/8 ohms power ratings. Optional rack ears and padded carrying bag.

**DIMENSIONS** 25 3/4" W x 18" D x 5.5" H. 43 lbs.

#### MM-4-MM4R

**DESCRIPTION** 4-channel rackmount powered mixer.

**MSRP** \$449.

**AUDIO I/O** 4 XLR mic inputs. 2 RCA line inputs. 3 1/4" mic/line inputs. 2 1/4" speaker inputs. 1 1/4" aux send. 1 1/4" aux return.

**FEATURES** Meter bridge. Master 3-band EQ. 150W/4 ohms power rating. Available as MM4-R rackmount version.

**DIMENSIONS** 21" rackmount. 25 lbs.

#### MP6T

**DESCRIPTION** 6-channel tabletop powered mixer.

**MSRP** \$699.

**AUDIO I/O** 1/4", RCA, and XLR inputs. 1/4" and RCA outputs. 3 aux sends.

**FEATURES** 10/+4dB operating levels. Phantom power. 325W/4 ohms power rating. Toroidal transformer. Meter bridge.

**DIMENSIONS** 21.5" W x 10.25" D x 10" H. 29 lbs.

#### MP8D/MP8DR

**DESCRIPTION** 8-channel tabletop powered mixer.

**MSRP** \$899.

**AUDIO I/O** 1/4", RCA, and XLR inputs. 1/4" and RCA outputs. 1/4" master outputs. 3 aux sends.

**FEATURES** 10/+4dB operating levels. Meter bridge. 9-band graphic EQ. Onboard effects. 160W/8 ohms power rating.

**DIMENSIONS** 21.5" W x 10.25" D x 10" H. 31 lbs.

#### PM16

**DESCRIPTION** 16-channel powered console mixer.

**MSRP** \$2,599.

**AUDIO I/O** 12 XLR mic inputs. 4 RCA line inputs. 12 1/4" mic/line inputs. 6 RCA mic/line inputs. 4 1/4" amp inputs. 1 1/4" footswitch input.

1/4" master outputs. 8 1/4" speaker outputs. 2 RCA record outs. 4 1/4" aux returns.

**FEATURES** Meter bridge. 3-band EQ with sweepable mid. 9-band graphic EQ. Onboard effects. Phantom power. Channel mute. 800W/4 ohms main, 275W/4 ohms monitor. 2 main, 2 monitor power amps. Dual digital effects may be used as 2 mono or 1 stereo. Channel overload protection on channels 7-12. 1 BNC lamp input.

**DIMENSIONS** 28" W x 19.8" D x 5.6" H. 60 lbs.

#### PMX-3501

**DESCRIPTION** 4-channel rackmount mixer.

**MSRP** \$325.

**AUDIO I/O** XLR and 1/4" mic inputs. 6 RCA line inputs. 2 RCA phono inputs. RCA master outputs. RCA record inputs. 1 RCA booth input.

**FEATURES** Meter bndge. 14-band graphic equalizer. Automute talkover, treble, and bass controls for mic inputs. 6 sound effects with speed control and echo effect. Removable crossfader.

**DIMENSIONS** 5U rackmount. 11 lbs.

## DAT Recorders

### FOSTEX

#### D15

**DESCRIPTION** Timecode DAT.

**MSRP** \$3,295.

**AUDIO CONNECTORS** ANALOG I/O: 2 RCA inputs. 2 XLR inputs. 2 RCA outputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 optical I/O.

**FEATURES** 44.1kHz and 48kHz sample rates. 8-bit A/D, 20-bit D/A. Jog/shuttle wheel, wireless remote. Programmable index points and programmable silence between cuts. The D15 features instant start, edit looping. GPI trigger input and parallel port are standard. An external TC option is available as is 422 control.

**DIMENSIONS** 3U rackmount. 19.9 lbs.

#### D5

**DESCRIPTION** Timecode DAT.

**MSRP** \$3,295.

**AUDIO CONNECTORS** ANALOG I/O: 2 RCA inputs. 2 XLR inputs. 2 RCA outputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 optical I/O.

**FEATURES** 44.1kHz and 48kHz sample rates. 18-bit A/D, 20-bit D/A. Jog/shuttle wheel, wireless remote. Programmable silence between cuts. Other features include instant start, edit looping. Ext TC option available as is 422 control. GPI Trigger input and parallel port are standard.

**DIMENSIONS** 3U rackmount. 19.9 lbs.

### JL COOPER

#### MixMaster

**MSRP** \$2,195.

**AUDIO CONNECTORS** ANALOG I/O: 8 unbalanced 1/4" inputs. 8 unbalanced 1/4" outputs.

**DIMENSIONS** 1U rackmount. 7 lbs.

### SONY

#### PCM M1

**DESCRIPTION** Portable DAT.

**MSRP** \$995.

**FEATURES** 32kHz, 44.1kHz, and 48kHz sample rates. 16-bit A/D, 16-bit D/A. Ultra-portable DAT machine. 1/8" mini-plug I/O. Mic in w/ AGC and limiter. Multi-pin digital I/O (works with optional POC cables). SCMS defeatable. Low-noise mic pre-amps. Back-lit display. Includes: rechargeable NiMH batteries and recharger (3.5 hrs recording time), AC adapter. Optional: Digital I/O cables, wireless remote kit, SBM-1 20-bit recording adapter.

**DIMENSIONS** 5.4" W x 3.6" D x 1.38" H. 1 lb.

#### PCM-R300

**DESCRIPTION** Pro DAT.

**MSRP** \$995.

**AUDIO CONNECTORS** ANALOG I/O: 2 RCA inputs. 2 RCA outputs. DIGITAL I/O: 1 optical I/O. 1 coaxial (RCA) I/O.

**FEATURES** 32kHz, 44.1kHz, and 48kHz sample rates. 20-bit A/D, 20-bit D/A. Wireless remote. Programmable index points and programmable silence between cuts. Features: 20-bit resolution recording with Super Bit-Mapping. User set-up menu, with level-sync, SCMS defeat, error rate counter, ID write. Rec input monitor (A/D, D/A monitoring modes.)

**DIMENSIONS** 3U rackmount. 11 lbs.

#### PCM-R500

**DESCRIPTION** Pro DAT.

**MSRP** \$1,695.

**AUDIO CONNECTORS** ANALOG I/O: 2 RCA inputs. 2 XLR inputs. 2 RCA outputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O.

**FEATURES** 32kHz, 44.1kHz, and 48kHz sample rates. 20-bit A/D, 20-bit D/A. Jog/shuttle wheel, wireless remote. Programmable index points and programmable silence between cuts. Features: 4 direct drive motor transport. Near 20-bit recording quality with Super Bit-Mapping. User set-up menu - level, sync, SCMS defeat. Jog/shuttle wheel. Spin-in contact-closure remote jack.

**DIMENSIONS** 3U rackmount. 15 lbs.

## Computer-Based Multitrack Hard Disk Recording Systems

See chart on page 122.

### AARDVARK

#### Aark 20/20

**INPUT/OUTPUT** Onscreen meter. ANALOG I/O: 8 unbalanced 1/4" inputs. 8 unbalanced 1/4" outputs. DIGITAL I/O: 1 coaxial (RCA) I/O. -10dBV operating level.

**FEATURES** 4 units can be synced. Word clock and video sync formats supported. Up to 4 units can be synced.

**DIMENSIONS** 6" W x 8" D x 3" H. 5 lbs.

#### Aark TDIF

**INPUT/OUTPUT** DIGITAL I/O: 1/DIF I/O.

**FEATURES** Up to 4 units can be synced. Depends on software mixer channels.

### DIGIDESIGN

#### Pro Tools 24

**INPUT/OUTPUT** Onscreen meter.

**FEATURES** 20-band realtime digital EQ. MIDI control. Variable 1+100x/21 mixer channels. Cut/copy/paste, track bounce, and track offset editing. Analog and digital inputs and outputs, sends, returns, etc. Number of channels depends on audio I/O interface(s) connected. 2-72 digital I/O, 8-72 analog I/O (XLR or 1/4" TRS). Pro Tools is supported by more than 60 development partners and 100 Plug-In products. Digidesign ProControl and Mackie HUI hardware controllers are also available. Compatible with digital audio sequencers, AES/EBU devices. Supports variety of hardware options, including Sample Cell II, Sample Cell II TDM, SMPTE Slave Driver, Video Slave Driver, Universal Slave Driver, third-party expansion chassis.

#### Pro Tools III

**INPUT/OUTPUT** Onscreen meter.

**FEATURES** 20-band digital EQ. Can exceed 100x72 mixer channels. Cut/copy/paste, track bounce, and track offset editing. 1 undo level. 2-64 digital I/O, 8-64 analog I/O (XLR or 1/4" TRS). Import/export multiple file formats, sample rates, bit depths, up to 5 mono or stereo send per track (switchable pre/post fader), 8-64 effects returns. Over 100 Plug-In packages available from more than 60 development partners.

### DIGITAL AUDIO LABS

#### V8

**INPUT/OUTPUT** Onscreen meter. ANALOG I/O: 16 balanced 1/4" inputs. DIGITAL I/O: 1 AES/EBU I/O. 4 optical input, 4 optical output. 4 coaxial (RCA) input, 4 coaxial (RCA) output. 16 T/DIF I/O. 2 ADAT I/O.

up to 16x16 insert points. up to 16 aux sends, up to 16 aux returns, up to 8 simul. output pairs total. -10dBV, +4dBu, switchable.

**FEATURES** 30-band DSP-based EQ. Onboard effects. Onboard dynamics processing. SMPTE, MTC, and word clock sync formats supported. Unlimited mixer channels. Cut/copy/paste, track bounce, and track offset editing. Unlimited markers saved with song.

**DIMENSIONS** 2U rackmount.

### DIGITAL AUDIO RESEARCH

#### Soundstation and Sabre

**INPUT/OUTPUT** Onscreen meter. ANALOG I/O: 64 XLR inputs. 64 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. 2/6 aux sends, 2/6 aux returns. 2 output pairs total. +4dBu operating level.

**FEATURES** 4-band parametric EQ. Onboard dynamics processing. SMPTE, word clock, and video sync formats supported. Up to 64 mixer channels. Cut/copy/paste, track bounce, and track offset editing. 16 undo levels. Up to 255/segment markers, saved with song.

**DIMENSIONS** 4U rackmount.

### EMU/ENSONIQ

#### PARIS

**INPUT/OUTPUT** Onscreen meter. 128 insert points. 8 stereo aux sends, 8 stereo aux returns. Configurable output pairs. Switchable operating level.

**FEATURES** 64-band realtime parametric EQ, 4 bands per channel. Onboard effects. MIDI control. Unlimited number of units can be

# Vital Stats: Hard Disk Recorders

See listings on page 121.

MODEL	PLATFORMS	PROPRIETARY HARDWARE	NUMBER OF TRACKS	RESOLUTION & DEPTH	PLUG-IN FORMATS	MSRP
<b>Aardvark Aark 20/20</b>	Windows 95.		10 real tracks, unlimited virtual tracks.	32kHz, 44.1kHz, and 48kHz A/D sample rates. 20-bit A/D resolution. 20-bit D/A resolution.		\$995
<b>Aardvark Aark TDIF</b>	Windows 95.		8 real tracks.	20-bit A/D resolution. 20-bit D/A resolution.		\$645
<b>Digidesign Pro Tools 24</b>	Macintosh.	D24 PCI-bus card. Also requires at least one Digidesign Audio Interface (888 24, 882 20, 888, 882 or ADAT Bridge).	32-64 real tracks, 128 virtual tracks.	44.1kHz and 48kHz A/D sample rates. 24-bit A/D resolution. 44.1kHz and 48kHz A/D sample rates. 24-bit D/A resolution.	TDM and AudioSuite — up to 20 bands of EQ per track.	\$7,995 core; \$5,995 expansion kit; \$1,995 extra DSP Farm PCI
<b>Digidesign Pro Tools III</b>	Macintosh PCI.	888 24 I/O audio interface, 882 20 I/O audio interface, 888 I/O audio interface, 882 I/O audio interface, or ADAT Bridge.	16-48 real tracks, 128 virtual tracks.	44.1kHz and 48kHz A/D sample rates. 16-bit A/D resolution. 44.1kHz and 48kHz A/D sample rates. 16-bit D/A resolution.	TDM and AudioSuite.	\$4,495 core
<b>Digital Audio Labs V8</b>	PC.	Proprietary hardware DSP architecture based on Motorola 56002.	16 real tracks, unlimited virtual tracks.	44.1kHz and 48kHz A/D sample rates. 16-bit A/D resolution. 44.1kHz and 48kHz A/D sample rates. 16-bit D/A resolution.	Waves DSP Bundle, Antares Autotune and Qsound.	Systems range from \$2500-\$8000+
<b>Digital Audio Research Soundstation and Sabre</b>	Proprietary system.	Complete system.	8-64 real tracks.	32kHz, 44.1kHz, 48kHz, and External A/D sample rates. 18-bit A/D resolution. 32kHz, 44.1kHz, 48kHz, and External A/D sample rates. 18-bit D/A resolution.		Contact manufacturer.
<b>E-mu/Ensoniq PARIS</b>	Windows 95/98 MacOS.	EDS-1000, cross platform PCI card Control-16 Hardware mixing control surface.	16/32 real tracks, 999 virtual tracks.	44.1kHz and 48kHz A/D sample rates. 24-bit A/D resolution. 44.1kHz and 48kHz A/D sample rates. 24-bit D/A resolution.	Direct-X and VST for Windows platform. VST for MacOS.	PARIS bundle 1 \$2,895; bundle 2 \$3,495; bundle 3 \$3,895
<b>Frontier Design Group Tango/WaveCenter</b>	PC.	Tango: 8-in, 8-out 20-bit A/D and D/A converter box with internal (and) external clocks, balanced audio I/O, and ADAT optical in/thru/out. WaveCenter: multichannel digital I/O card with ADAT optical, S/PDIF (coax and optical), and MIDI I/O.	8-in, 8-out real tracks.	44.1kHz, 48kHz, and 39-51kHz A/D sample rates. 20-bit A/D resolution. 44.1kHz, 48kHz, and 39-51kHz A/D sample rates. 20-bit D/A resolution.		\$1,098
<b>Frontier Design Group Zulu/WaveCenter</b>	PC.	Zulu: 4-in, 8-out 20-bit A/D and D/A converter box. WaveCenter: multichannel digital I/O card with ADAT optical, S/PDIF (coax and optical), and MIDI I/O.	4-in, 8-out real tracks.	44.1kHz, 48kHz, and 39-51kHz A/D sample rates. 20-bit A/D resolution. 44.1kHz, 48kHz, and 39-51kHz A/D sample rates. 20-bit D/A resolution.		\$898
<b>Lexicon Studio System 12T</b>	PC: 200 MHz, 64MB RAM, Windows 95.	Includes LDI 12T Interface, PC90 Reverb daughterboard, Core 32 PCI Card with 24 bit audio path. Direct Support of Steinberg Cubase VST.	12, expandable to 32 real tracks.	44.1kHz and 48kHz A/D sample rates. 24-bit A/D resolution. 44.1kHz and 48kHz A/D sample rates. 20-bit D/A resolution.	Sonic Foundry, Sound Forge, Wave's Native Power Pack, Arboretum's Hyper Prism, Steinberg's Spectral Design.	\$2,999
<b>Metalithic Systems Digital Wings for Audio Elite</b>	PC.	10x10 breakout box with 20-bit analog converters and stereo SPDIF, 32-bit PCI card.	128 real tracks.	44.1kHz and 48kHz A/D sample rates. 20-bit A/D resolution. 44.1kHz and 48kHz A/D sample rates. 20-bit D/A resolution.	DirectX (future).	\$1,248
<b>Sadie 24.96 DAW</b>	PC.	PCI audio card RS422 card.	8 real tracks, unlimited virtual tracks.	32kHz, 44.1kHz, and 48kHz A/D sample rates. 20-bit A/D resolution. 32kHz, 44.1kHz, 48kHz, and up to 192k A/D sample rates. 20-bit D/A resolution.	Apogee and Sadie.	\$8995 for cardset
<b>Sek'D System2496</b>	Win 95, 98, NT.	2496 ADDA DSP converter, 2496 ADDA "S" converter. Profid 96 card.	24 real tracks, 999 virtual tracks.	32kHz, 44.1kHz, and 48kHz A/D sample rates. 24-bit A/D resolution. 32kHz, 44.1kHz, and 48kHz A/D sample rates. 24-bit D/A resolution.	DirectX.	\$3,298 with "S" converter; \$6,288 with "DSP" converter
<b>Sonifex Courier</b>	Sonifex	Portable hard disk recorder	2 real tracks.	32kHz, 44.1kHz, and 48kHz		\$3,650

## Hard Disk Recorders / Stand-alone Recorders

MODEL	PLATFORMS	PROPRIETARY HARDWARE	NUMBER OF TRACKS	RESOLUTION & DEPTH	PLUG-IN FORMATS	MSRP
	portable.	using PCMCIA hard drives as storage media.		A/D sample rates. 16-bit A/D resolution. 16-bit D/A resolution.		

synced. SMPTE and MTC sync formats supported, 8 mixer channels. Cut/copy/paste, track bounce, and track offset editing. 99 undo levels. 999 markers, saved with song. The PARIS bundle 3 can be configured with multiple input/output and sync options. Optional MEC expansion modules include: A8IT24 24-bit 8 Channel A/D input MEC Module \$499.95, A8OT24 - 24-bit 8 Channel D/A output MEC Module \$499.95, ADI - ADAT Optical Digital Interface w/ADAT Sync \$499.95 EDS STC SMPTE MEC Module SMPTE/VTC sync \$695, EDS-D2 AES/EBU MEC Module 4 ins/outs \$695, Interface 442, 4 Channel Interface \$895, Interface MEC, (Modular Expansion Chassis) \$1,395.

**DIMENSIONS** 5U rackmount.

## FRONTIER DESIGN GROUP

## Tango/WaveCenter

**INPUT/OUTPUT** ANALOG I/O: 0-8 balanced 1/4" inputs, 8 balanced 1/4" outputs. DIGITAL I/O: 1 optical I/O. 1 coaxial (RCA) I/O. 1 ADAT I/O. -10dBV, +4d with switchable operating level.

**FEATURES** MTC and word clock sync formats supported. Up to 2 units can be synced. 20-bit delta-sigma converters, frequency response +/-0.1dB, 20Hz-20kHz, S/N ratio greater than 98dB, THD+N <0.002% A-weighted, dynamic range >98dB A-weighted, realtime digital audio format conversion, audio transfers from CD-ROM, 1 MIDI input and 3 MIDI outputs.

**DIMENSIONS** 1U rackmount. 7.5 lbs.

## Zulu/WaveCenter

**INPUT/OUTPUT** ANALOG I/O: 4 unbalanced 1/4" inputs, 8 unbalanced 1/4" outputs. DIGITAL I/O: 1 optical I/O. 1 coaxial (RCA) I/O. 1 ADAT I/O. -10dBV operating level.

**FEATURES** MTC sync format supported. Solid half rack-width enclosure 20-bit delta-sigma converters, frequency response +/-0.1dB, 20Hz-20kHz, S/N ratio greater than 98dB, THD+N <0.002% A-weighted, dynamic range >98dB A-weighted, realtime digital audio format conversion, audio transfers from CD-ROM, 1 MIDI input and 3 MIDI outputs.

**DIMENSIONS** 1U rackmount. 3 lbs.

## LEXICON

## Studio System 12T

**INPUT/OUTPUT** Onscreen meter. ANALOG I/O: 2 RCA inputs, 2 XLR inputs, 2 XLR outputs. DIGITAL I/O: 1 optical I/O. 1 coaxial (RCA) I/O. 8 ADAT I/O. Switchable operating level.

**FEATURES** 3 units can be synced. SMPTE, word clock, and BNC sync formats supported.

**DIMENSIONS** 19" W x 4" D x 1.75" H.

## METALITHIC SYSTEMS

## Digital Wings for Audio Elite

**INPUT/OUTPUT** Onscreen meter. ANALOG I/O: 8 balanced 1/4" inputs, 8 balanced 1/4" outputs. DIGITAL I/O: 1 coaxial (RCA) I/O. Switchable operating level.

**FEATURES** Onboard effects. Onboard dynamics processing. MTC sync formats supported. Cut/copy/paste, track bounce, and track offset editing. Unlimited undo levels. 16 markers, saved with song. Features include open architecture, standard drivers for Windows and ASIO drivers for other applications.

**DIMENSIONS** 1U rackmount.

## SADIE

## Sadie 24.96 DAW

**INPUT/OUTPUT** Onscreen meter. ANALOG I/O: 8 unbalanced 1/4" inputs, 8 XLR inputs, 8 unbalanced 1/4" outputs, (8) XLR outputs. DIGITAL I/O: 4 AES/EBU I/O. 6 insert points. Software aux sends and returns. 4 output pairs total. Switchable operating level.

**FEATURES** 9999-band bandpass, hi-, lo-pass and shelf EQ. Onboard effects. Onboard dynamics processing. Four 32 I/O units can be synced. SMPTE, MTC, word clock, and VTC sync formats supported. Compression type: Floating point DSP w/ no storage compression/full audio dynamics. Unlimited mixer channels. Cut/copy/paste, track bounce, and track offset editing. 50 undo levels. Unlimited markers, saved with song. Optional balanced breakout box 800B 4-card-configuration for 32 ins and 32 outs. Sadie edition Apogee AD8000 external 24-bit conversion. Hardware jog and fader controllers. Portia random access video card. All floating point DSP-based fades and effects.

**DIMENSIONS** 4U rackmount.

## SEK'D

## System 2496

**INPUT/OUTPUT** Onscreen meter. ANALOG I/O: 8 XLR inputs, 8 XLR outputs. DIGITAL I/O: 1 AES/EBU input, 1 optical input, 8 ADAT inputs. Unlimited insert points. Unlimited aux sends, Unlimited aux returns. 12 output pairs total. Switchable operating level.

**FEATURES** 3 and 5-band parametric and parabolic EQ. Onboard effects. Onboard dynamics processing, MIDI control. 16 units can be synced. Word clock sync formats supported. Compression type: Proprietary, lossless, stores 24/96 data on 16-bit DAT. Unlimited mixer channels. Cut/copy/paste, track bounce, and track offset editing. 100 undo levels. 999 markers, saved with song. High resolution, multi-track/mastering system, expandable CD mastering, automation, native 32-bit floating point analysis tools, room simulation, noise reduction system fader, pan automation, DirectX support, multi-band dynamics multi-band stereo enhancer, multiple converters with work word clock. 129dB dynamic range. Multi-threaded dual processor support.

**DIMENSIONS** 1U rackmount. 15 lbs.

## SONIFEX

## Courier

**INPUT/OUTPUT** Onscreen meter. ANALOG I/O: 2 XLR inputs, 2 XLR outputs. DIGITAL I/O: 1 AES/EBU output. Switchable operating level.

**FEATURES** Compression type: MPEG Layer 2. 2 mixer channels. Cut/copy/paste and track bounce editing. 99 portable markers.

**DIMENSIONS** 9.6" W x 10.4" D x 3.2" H. 3.3 lbs.

## Stand-Alone Modular Digital Multitrack Recorders

See chart on page 125.

## ALESIS

# ALESIS

## ADAT-LX20

**INPUT/OUTPUT** ADAT I/O. -10dBV operating level.

**FEATURES** ADAT syn data back-up. Up to 16 units can be synced. 5 locate points, Auto-punch with rehearse, auto loop functions. Comes with LRC remote control.

**DIMENSIONS** 3U rackmount. 16 lbs.

## ADAT-XT20

**INPUT/OUTPUT** RCA Analog inputs and outputs. ADAT optical digital audio inputs and outputs. -10dBV and +4dBu operating level.

**FEATURES** Can sync up to 16 units. Digital track copy, track offset. Auto punch-in/out with rehearse. Pitch shift. Comes with LRC remote control.

**DIMENSIONS** 3U rackmount. 20lbs.

## M20

**INPUT/OUTPUT** 9 XLR Analog inputs, 9 XLR Analog Outputs. 56-pin Elco connector, ADAT optical digital inputs and outputs. +4dB operating level.

**FEATURES** Vari-speed range: -200/+200 cents (44.1kHz), -300/+100 cents (48kHz). Digital track copy, track offset. Auto punch in/out with rehearse. Full SMPTE sync, word clock sync, video reference, MIDI Machine Control, LRC included. Optional AES/EBU interface card.

**DIMENSIONS** 4U rackmount. 32 lbs.

## DIGITAL AUDIO RESEARCH

## OMR8

**INPUT/OUTPUT** ANALOG I/O: balanced 1/4" inputs, 8 XLR inputs, D type connector. 8 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. 1 output pair total. +4dBu operating level.

**FEATURES** Soundstation/SabreEQ. SMPTE, word clock, and video sync

formats supported. SCSI, removable media. Up to 128 units can be synced. Cut/copy/paste, track bounce, and track offset editing. 16 undo levels. Up to 255/segment markers, saved with song. Total recording time: 30 min./side, 2.6GB optical, 3 HRS 8GB HD. Backup to exabyte, SCSI-DAT, DLT. Features: networking, SVGA monitor output. Options: mouse and keyboard editing interface.

**DIMENSIONS** 3U rackmount. 27.4 lbs.

## SAM

**INPUT/OUTPUT** DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. 1 per 8 tracks output pairs total. +4dBu operating level.

**FEATURES** For audio playback of Soundstation/Sabre. SMPTE, word clock, and Video sync formats supported. SCSI, removable media. Up to 128 units can be synced. Cut/copy/paste, track bounce, and track offset editing. 16 undo levels. Up to 255/segment markers, saved with song.

**DIMENSIONS** 3U rackmount. 26.5 lbs.

## EMU-ENSONIQ

## Darwin 4001

**INPUT/OUTPUT** ANALOG I/O: 4 balanced 1/4" inputs, 8 balanced 1/4" outputs. DIGITAL I/O: 2 coaxial (RCA) I/O, 8 ADAT I/O. 0 insert points. -10dBV and +4dBu operating levels.

**FEATURES** SMPTE and ADAT sync formats supported. SCSI and ADAT data back-up. Unlimited units can be synced. 8 mixer channels. Cut/copy/paste, track bounce, and track offset editing. 16 undo levels. 40 markers, saved with song. 4014 DSP card option with polyphonic formant-corrected pitch shifting, time compression, fades, and gain change. 4011 ADAT I/O option. 4012 ADAT Sync option. 4013 SMPTE card option. Supports Jaz. Graphic LCD display. Track naming. 100 Virtual Slave Reels per project.

**DIMENSIONS** 3U rackmount. 17 lbs.

## FOSTEX

## D-160

**INPUT/OUTPUT** ANALOG I/O: 8 RCA inputs, 16 RCA outputs. DIGITAL I/O: 1 optical I/O. 1 ADAT I/O. -10dBV operating level.

**FEATURES** MTC sync format supported. SCSI, audio DAT, and ADAT data back-up. Cut/copy/paste, track bounce, and track offset editing. 1 undo level. 7 markers. Features: 64X oversampling A/D, 128X oversampling D/A. +4dBu Operating level optional. Optional Time Code card for SMPTE and Word Clock.

**DIMENSIONS** 3U rackmount.

## D-90

**INPUT/OUTPUT** ANALOG I/O: 8 RCA inputs, 8 RCA outputs. DIGITAL I/O: 1 optical I/O. 1 ADAT I/O. -10dBV operating level.

**FEATURES** MTC sync format supported. SCSI and audio DAT data back-up. Up to 3 units can be synced. Cut/copy/paste, track bounce, and track offset editing. 1 undo level. 7 markers. +4dBu operating level outputs optional. SCSI backup optional. Features 64X oversampling A/D, 128X oversampling D/A.

**DIMENSIONS** 3U rackmount.

## KORG USA

# KORG USA, INC.

## D8

**INPUT/OUTPUT** ANALOG I/O: 2 balanced 1/4" inputs, 2 RCA inputs, 3 RCA outputs. DIGITAL I/O: 1 optical I/O. 1 (mono) aux sends, 1 stereo aux return. 1 (RCA) output pairs total. -10dBV and +4dBu operating levels.

**FEATURES** 2-band shelving (100Hz, 10kHz) EQ. Onboard effects. MTC and MIDI clock sync formats supported. SCSI and audio DAT data back-up. 12 mixer channels. Cut/copy/paste and track bounce editing. 1 undo levels. 100 markers, saved with song.

**DIMENSIONS** 15.2" W x 9.8" D x 3.3" H 5.7 lbs

## ROLAND

## VS-1680 Digital Studio Workstation

**INPUT/OUTPUT** ANALOG I/O: 6 balanced 1/4" inputs, 8 XLR inputs, 8 RCA outputs. DIGITAL I/O: 1 optical I/O. 1 coaxial (RCA) I/O. 4 stereo, 4 mono insert points, all outputs can be used as insert sens. 12 aux sends/returns (all inputs plus 4 stereo internal). 4 analog, 2 dig-

ital output pairs total. 0dBu operating level.

**FEATURES** 16-band parametric, 32-band shelving EQ, MTC and digital clock sync formats supported. Removable media, audio DAT, and CD-R data back-up. Up to 8 units can be synced. 26 automated mixer channels. Cut/copy/paste, track bounce, and track offset editing. 999 undo levels. 1,064 markers, saved with song. Onboard effects with optional VS8F-2 boards. Burns CD and archives to CD. COSM effects. Large-screen w/waveform editing. Routing templates. Mixer scenes.

**DIMENSIONS** 21-13/16" W x 13-1/4" D x 4-5/16" H. 13.94 lbs.

## Personal Digital Studios

See chart on page 127.

### AKAI

#### DPS12

**INPUT/OUTPUT** ANALOG I/O: 6 balanced 1/4" inputs. 2 unbalanced 1/4" outputs. 2 RCA outputs. DIGITAL I/O: 1 optical I/O. 1 output pairs total. 2 stereo, 2 mono aux returns.

**FEATURES** Onboard effects. MTC and MIDI clock sync formats supported. SCSI, removable media, and audio DAT data back-up. 20 mixer channels. Cut/copy/paste, track bounce, and track offset editing. 256 undo levels. 112 markers, saved with song. EQ: 2-band sweepable freq/3-band sweepable with parametric mid. Options: Eb2m stereo multi-effects processor, internal 1GB Iomega JAZ, internal 2GB fixed drive.

### EDIROL

#### Roland Videocanvas A-6 Digital Audio Station

**INPUT/OUTPUT** Onscreen meter. ANALOG I/O: 1 unbalanced 1/4" input. 2pr RCA inputs. 4 XLR inputs. 2 pr RCA outputs. 4 XLR outputs. DIGITAL I/O: 1 coaxial (RCA) I/O. 2 output pairs total. -10dBV operating level.

**FEATURES** 3-band digital EQ. Onboard effects. MTC sync formats supported. SCSI data back-up. Compression type: RDAC. 4 mixer channels. Cut/copy/paste, track bounce, and track offset editing. 99 undo levels. Video sync via optional SI-80S. Onboard "Audioclip" sampler (keypad or MIDI triggered).

**DIMENSIONS** 15.5" W x 13.5" D x 3 7/8" H.

### FOSTEX

# FOSTEX

#### DMT-8VL

**INPUT/OUTPUT** ANALOG I/O: 8 unbalanced 1/4" inputs. 2 RCA inputs. 2 unbalanced 1/4" outputs. 2 RCA outputs. DIGITAL I/O: 1 optical I/O. 2 aux sends, 2 aux returns. 2 output pairs total.

**FEATURES** 2-band graphic EQ. MTC and MIDI clock sync formats supported. SCSI data back-up. Up to 3 units can be synced. 2 mixer channels. Cut/copy/paste, track bounce, and track offset editing. 1 undo level. 7 markers. Features: 64X oversampling A/D, 128X oversampling A/D.

**DIMENSIONS** 21 15" W x 13.62" D x 4.18" H.

#### FD-4

**INPUT/OUTPUT** Analog I/O: 4 unbalanced 1/4" inputs. 2 XLR inputs. 2 RCA inputs. 2 RCA outputs. Digital I/O: 2 S/PDIF optical I/O. 2 aux



Korg D8

Reader Service No. 207

sends, 4 aux returns. 2 output pairs total.

**FEATURES** 3-band parametric EQ. MIDI in/out. SCSI recording option. Cut, copy, paste. Move and erase random access editing with undo/redo.

**DIMENSIONS** 15.83" W x 13.92" D x 4.33" H. 8.8 lbs.

### ROLAND

#### VS-840 Digital Studio Workstation

**INPUT/OUTPUT** ANALOG I/O: 4 unbalanced 1/4" inputs. 2 RCA inputs. 4 RCA outputs. DIGITAL I/O: 1 optical output. 1 coaxial (RCA) output. 2 internal, 2 external insert points. 4 aux sends, 4 aux returns. 2 analog, 1 dig output pairs total. 0dBu operating level.

**FEATURES** 8 parametric, 16 shelving EQ. Onboard effects. SCSI and internal Zip data back-up. Compression type: 4 RDAC modes. 12 mixer channels. Cut/copy/paste, track bounce, and track offset editing. 999 undo levels. 1008 markers, saved with song. Total record time varies depending on mode 7-13 minutes. 1 gr level input, EZ Routing. Built-in Zip disk for easy backup. Built-in effects includes COSM models of guitar amps, preamps, and speakers. Mixer scenes store all mixer parameters.

**DIMENSIONS** 16-3/16" W x 12-1/8" D x 3-1/2" H. 9 lbs., 15 oz.

#### VS-880EX Digital Studio Workstation

**INPUT/OUTPUT** ANALOG I/O: 6 balanced 1/4" inputs. 4 RCA outputs. DIGITAL I/O: 1 optical I/O. 1 coaxial (RCA) I/O. 2 stereo, 4 mono insert points. 6 aux sends. 4 output pairs total. 0dBu operating level.

**FEATURES** Onboard effects. MTC and word clock sync formats supported. SCSI, removable media, audio DAT, and CD-R data back-up. Up to 8 units can be synced. Compression type: Linear, 4 types of RDAC. 16 mixer channels. Cut/copy/paste, track bounce, and track offset editing. 999 undo levels. 1,032 markers, saved with song. Aux returns: 4 internal + all 8 inputs; EQ: 8 parametric, 16 shelving. 3-4 per effects processor. Record CD directly from SCSI bus. Automated mixer with 8 scenes for mix comparisons and recall. 2 stereo effects processors on board, including COSM models of microphones and guitar

amps, reverb, delay, RSS spatial effects, 19-band vocoder, voice transformer. Time compression/expansion. EZ Routing.

**DIMENSIONS** 17-1/8" W x 12" D x 3-7/16" H. 8 lbs.

### SONY

#### MDM-X4 MkII

**INPUT/OUTPUT** ANALOG I/O: 2 balanced 1/4" inputs. 10 unbalanced 1/4" inputs. 2 XLR inputs. 6 unbalanced 1/4" outputs. 4 RCA outputs. 2 aux sends, 4 aux returns. 2 output pairs total. -10dBV operating level.

**FEATURES** 3-band fixed, shelf/peak EQ. MTC sync formats supported. Unlimited units can be synced. Compression type: ATRAC-Adaptive Transform Acoustic Coding (v4.5). 5-1. 10 mixer channels. Cut/copy/paste, track bounce, and track offset editing. 1 undo levels. 11 markers. Features: Latest version (4.5) ATRAC bit-reduction scheme. Multiple units can be sync'd via MTC as well as MIDI/computer based gear. Song, section and track editing (seamless cut/copy/paste). Large jog/shuttle wheel. Assignable footswitches for easy control access. Mix-Write and Virtual Mixing. Instant-start. Uses reliable, compact re-recordable MiniDisc format.

**DIMENSIONS** 19.25" W x 17.25" D x 5.25" H. 12 lbs.

### XYTAR DIGITAL SYSTEMS



#### DMS1616CD

**INPUT/OUTPUT** Onscreen meter. DIGITAL I/O: 8 coaxial (RCA) I/O. Settable insert points. 16 aux sends, 16 aux returns. 16 output pairs total. Settable operating level.

**FEATURES** 7-band Parametric EQ, onboard effects. SMPTE sync format supported. Built in data back-up. No data compression. 32 mixer channels. Cut/copy/paste, track bounce, and track offset editing. Unlimited undo levels. Unlimited markers, saved with song.

**DIMENSIONS** 2U rackmount. 38 lbs.

#### DMS1632CDR

**INPUT/OUTPUT** Onscreen meter. DIGITAL I/O: 8 coaxial (RCA) I/O. Settable insert points. 16 aux sends, 16 aux returns. 16 output pairs total. Settable operating level.

**FEATURES** 7-band parametric EQ. Onboard effects. SMPTE sync formats supported. Built in data back-up. Up to infinite units can be synced.



Alesis ADAT

Reader Service No. 205

# Vital Stats: Stand-alone Recorders

See listings on page 123.

MODEL	TYPE	MEDIUM	NUMBER OF TRACKS	BIT DEPTH & RESOLUTION	MSRP
<b>Alesis ADAT-LX20</b>	Digital multitrack tape recorder.	VHS Tape.	8 tracks.	20-bit A/D resolution. 20-bit D/A resolution.	\$1,899
<b>Alesis ADAT-XT20</b>	Digital multitrack tape recorder.	VHS Tape.	8 tracks.	20-bit A/D resolution. 20-bit D/A resolution.	\$2,599
<b>Alesis M20</b>	Digital multitrack tape recorder.	S-VHS.	8 plus 1 auxiliary track.	Selectable sampling rate: 44.1/48kHz.	\$6,999
<b>Digital Audio Research OMR8</b>	Multitrack hard disk recorder.	Hard disk.	8 real tracks.	32kHz, 44.1kHz, 48kHz, and 96kHz A/D sample rates. 16-bit A/D resolution. 32kHz, 44.1kHz, 48kHz, and 96kHz A/D sample rates. 16-bit D/A resolution.	Contact manufacturer.
<b>Digital Audio Research SAM</b>	Multitrack hard disk recorder.	Hard disk.	8-1024 real tracks.	32kHz, 44.1kHz, 48kHz, and 96kHz A/D sample rates. 16-bit A/D resolution. 32kHz, 44.1kHz, 48kHz, and 96kHz A/D sample rates. 16-bit-bit D/A resolution.	Contact manufacturer.
<b>Emu-Ensoniq Darwin 4001</b>	Multitrack hard disk recorder.	Hard disk.	8 real tracks, 800 virtual tracks.	44.1kHz and 48kHz A/D sample rates. 16-bit D/A resolution.	\$1,995
<b>Fostex D-160</b>	Multitrack hard disk recorder.	Hard disk.	16 real tracks, 8 virtual tracks.	44.1kHz and 48kHz A/D sample rates. 18-bit A/D resolution. 44.1kHz and 48kHz A/D sample rates. 18-bit D/A resolution.	\$3,995
<b>Fostex D-90</b>	Multitrack hard disk recorder.	Hard disk.	8 real tracks.	44.1kHz and 48kHz A/D sample rates. 18-bit-bit A/D resolution. 44.1kHz and 48kHz A/D sample rates. 18-bit D/A resolution.	\$1,495
<b>Korg D8</b>	Multitrack hard disk recorder.	Hard disk.	8 real tracks.	44.1kHz A/D sample rates. 18-bit-bit A/D resolution. 18-bit-bit D/A resolution.	\$1,250
<b>Roland VS-1680 24-bit Digital Studio Workstation</b>	Multitrack hard disk recorder.	Hard disk.	16 real tracks, 256 virtual tracks.	32kHz, 44.1kHz, and 48kHz A/D sample rates. 20-bit A/D resolution. 32kHz, 44.1kHz, and 48kHz A/D sample rates. 20-bit D/A resolution.	\$3,195



Fostex FD-4

Reader Service No. 206

No data compression. 32 mixer channels. Cut/copy/paste, track bounce, and track offset editing. Unlimited undo levels. Unlimited markers, saved with song.

**DIMENSIONS** 2U rackmount. 38 lbs.

### DMS216CD

**INPUT/OUTPUT** Onscreen meter. DIGITAL I/O: 1 coaxial (RCA) I/O. Settable insert points. 2 aux sends, 2 aux returns. 2 output pairs total. Settable operating level.

**FEATURES** 7-band parametric EQ. onboard effects. SMPTE sync formats supported. Built in data back-up. No data compression. 32 mixer channels. Cut/copy/paste, track bounce, and track offset editing. Unlimited undo levels. Unlimited markers, saved with song.

**DIMENSIONS** 2U rackmount. 38 lbs.

### DMS233CDR

**INPUT/OUTPUT** Onscreen meter. DIGITAL I/O: 1 coaxial (RCA) I/O. Settable insert points. 2 aux sends, 2 aux returns. 2 output pairs total. Configurable operating level.

**FEATURES** 7-band parametric EQ. Onboard effects. SMPTE sync format supported. Built in data back-up. No data compression. 32 mixer channels. Cut/copy/paste, track bounce, and track offset editing. Unlimited undo levels. Unlimited markers, saved with song.

**DIMENSIONS** 2U rackmount. 38 lbs.

### DMS2432CDR

**INPUT/OUTPUT** Onscreen meter. DIGITAL I/O: 12 coaxial (RCA) I/O. Settable insert points. 24 aux sends, 24 aux returns. 24 output pairs total. Settable operating level.

**FEATURES** 7-band parametric EQ. Onboard effects. SMPTE sync formats

supported. Built in data back-up. Up to infinite units can be synced. No data compression. 32 mixer channels. Cut/copy/paste, track bounce, and track offset editing. Unlimited undo levels. Unlimited markers, saved with song.

**DIMENSIONS** 2U rackmount. 38 lbs.

### DMS3232CDR

**INPUT/OUTPUT** Onscreen meter. DIGITAL I/O: 16 coaxial (RCA) I/O. Settable insert points. 32 aux sends, 32 aux returns. 32 output pairs total. Settable operating level.

**FEATURES** 7-band parametric EQ. Onboard effects. SMPTE sync formats supported. Built in data back-up. Up to infinite units can be synced. No data compression. 32 mixer channels. Cut/copy/paste, track bounce, and track offset editing. Unlimited undo levels. Unlimited markers, saved with song.

**DIMENSIONS** 2U rackmount. 38 lbs.

### DMS416CD

**INPUT/OUTPUT** Onscreen meter. DIGITAL I/O: 1 coaxial (RCA) I/O. Settable insert points. 2 aux sends, 2 aux returns. 2 output pairs total. Settable operating level.

**FEATURES** 7-band parametric EQ. Onboard effects. SMPTE sync formats supported. Built in data back-up. No data compression. 32 mixer channels. Cut/copy/paste, track bounce, and track offset editing. Unlimited undo levels. Unlimited markers, saved with song.

**DIMENSIONS** 2U rackmount. 38 lbs.

### DMS432CDR

**INPUT/OUTPUT** Onscreen meter. DIGITAL I/O: 2 coaxial (RCA) I/O. Settable insert points. 4 aux sends, 4 aux returns. 4 output pairs total. Settable operating level.

**FEATURES** 7-band parametric EQ. Onboard effects. SMPTE sync formats supported. Built in data back-up. No data compression. 32 mixer channels. Cut/copy/paste, track bounce, and track offset editing. Unlimited undo levels. Unlimited markers, saved with song.

**DIMENSIONS** 2U rackmount. 38 lbs.

### DMS816CD

**INPUT/OUTPUT** Onscreen meter. DIGITAL I/O: 4 coaxial (RCA) I/O. Settable insert points. 8 aux sends, 8 aux returns. 8 output pairs total. Settable operating level.

**FEATURES** 7-band Parametric EQ. Onboard effects. SMPTE sync formats supported. Built in data back-up. No data compression. 32 mixer channels. Cut/copy/paste, track bounce, and track offset editing. Unlimited undo levels. Unlimited markers, saved with song.

**DIMENSIONS** 2U rackmount. 38 lbs.

### DMS832CDR

**INPUT/OUTPUT** Onscreen meter. DIGITAL I/O: 4 coaxial (RCA) I/O. Settable insert points. 8 aux sends, 8 aux returns. 8 output pairs total. Settable operating level.

**FEATURES** 7-band parametric EQ. Onboard effects. SMPTE sync formats supported. Built in data back-up. No data compression. 32 mixer channels. Cut/copy/paste, track bounce, and track offset editing. Unlimited undo levels. Unlimited markers, saved with song.

**DIMENSIONS** 2U rackmount. 38 lbs.

## CD-R Recorders

See chart on page 127.

### FOSTEX

#### CR200

**DESCRIPTION** CD-R.

**CONNECTORS** ANALOG I/O: 2 RCA outputs. 2 XLR outputs. DIGITAL I/O: 1 AES/EBU input. 1 optical I/O. 1 coaxial (RCA) I/O.

**FEATURES** 1X read speed. Motor-driven transport loading. Subcode editing.

**DIMENSIONS** 3U rackmount. 14 lbs.

### SUPERSCOPE/MARANTZ

#### CDR615

**DESCRIPTION** CD-R.

**CONNECTORS** ANALOG I/O: 2 RCA outputs. 2 XLR outputs. DIGITAL I/O: 1 coaxial (RCA) I/O.

**FEATURES** 1X read speed. 32kHz, 44.1kHz, and 48kHz sample rates. Slave multiple units. Manual transport loading. Adjustable mute recording, digital fading, index recording, ISRC/EAN recording. Features include: CD/DAT/MD ID reader. Reads Orange and Red book audio CDs. Options include a wired remote.

#### CDR620

**DESCRIPTION** CD-RW.

**CONNECTORS** ANALOG I/O: 4 XLR outputs. DIGITAL I/O: 1 AES/EBU I/O. 1 coaxial (RCA) I/O. SCSI-2 port.

**FEATURES** 1X, 2X, and 4X read speeds. 32kHz, 44.1kHz, and 48kHz sample rates. slave multiple units. Manual transport loading. Adjustable mute recording, digital fading, wired remote, monitoring, index recording, ISRC/EAN code recording. Features include: XLR analog inputs, CD/Dat/MD ID reader. Reads Red and Orange book Audio CDs.

**DIMENSIONS** 2U rackmount. 17 lbs.

#### CDR630

**DESCRIPTION** CD-RW.

**CONNECTORS** ANALOG I/O: 2 RCA outputs. 2 XLR outputs. DIGITAL I/O: 1 optical I/O. 1 coaxial (RCA) I/O.

**FEATURES** 1X read speeds. 32kHz, 44.1kHz, and 48kHz sample rates. slave multiple units. manual transport loading. Features include DAT/CD/MD ID reader, source synchronization, auto or manual track incrementing, and 44.1kHz SRC bypass.

**DIMENSIONS** 2U rackmount. 8.8 lbs.

## Audio Patchbays

### NEUTRIK

**NEUTRIK**  
CONNECTING THE WORLD

#### PatchLink SP

**MSRP** \$125.

**AUDIO I/O** 48 front points, 1/4". 48 rear points, 1/4". Normalization switchable by user.

**FEATURES** Held in rack by 2 top screws. Bottom screws hold removable panel in place. Remove front panel to change configurations. Normalized jack is colored gray for easy identification.

**DIMENSIONS** 1U rackmount.

#### Easy Patch



Xyatar

Reader Service No. 209



Roland VS-1680

Reader Service No. 208

**MSRP** \$900.

**AUDIO I/O** 96 front points, TT/bantam. TT/bantam. Normalization switchable by user.

**FEATURES** Totally solderless terminations of either WAGO type push terminals or Elco/Edac connectors. Standard panels are 7.5" in depth. Also available in 14"-18" extendable versions. Easily programmable with jumper tabs. Options include strain relief bar for heavy cables and interchangeable colored tabs in 10 resistor colors for channel identification.

**DIMENSIONS** 1U rackmount.

### ESOTERIC SOUND

#### SuperConnector

**MSRP** \$299.

**AUDIO I/O** 2 front points, 1/4" and RCA. 34 rear points, 1/4" and RCA. Non-normalized.

**FEATURES** Connects up to 5 recorders and 2 chains of equalization/noise reduction products. Has front panel connections for portable recorder. For small studios or home use.

**DIMENSIONS** 19" W x 7" D x 1.75" H. 5 lbs.

### FURMAN

#### PB-48 Modular Patch Bay System

**MSRP** \$169.

**AUDIO I/O** 48 front points, 1/4", balanced, and unbalanced. 48 rear points, 1/4", balanced, and unbalanced. Normalization switchable by user.

**FEATURES** Full 48 patch points. TRS 1/4" jacks work with balanced or unbalanced systems. Customizing is quick and easy, even when unit is rack mounted. Half-normalized wiring is standard, may be defeated with no soldering or cutting required. Sturdy, all-steel construction provides excellent shielding. All jack mounting hardware hidden by decorative front panel.

**DIMENSIONS** 1U rackmount. 3.25 lbs.

#### PB-48D Modular Patch Bay System

**MSRP** \$229.

**AUDIO I/O** 48 front points, 1/4", balanced, and unbalanced. 6 rear points, 1/4", balanced, and unbalanced. Normalization switchable by user.

**FEATURES** Full 48 patch points. TRS 1/4" jacks in front, 6 25-pin D-Sub connectors (per TASCAM DA-8B) in. Customizing is quick and easy, even when unit is rack mounted. Half-normalized wiring is standard, may be defeated with suitcase jumper plugs. Sturdy, all-steel construction provides excellent shielding. All jack mounting hardware hidden by decorative front panel.

**DIMENSIONS** 1U rackmount. 3.25 lbs.

#### IP-8 Iso-Patch Isolated Patch bay

**MSRP** \$259.

**AUDIO I/O** 8 front points, 1/4". 8 rear points, 1/4".

**FEATURES** 8 independent transformer isolated channels. Patch points are half-normalized. Ideal for breaking ground loops. Bi-filar wound isolation transformers provide exceptional transient response and clarity. Low frequency response extends to 20Hz at +4dBu for typical audio impedances.

**DIMENSIONS** 1U rackmount. 6 lbs.

### SIGNAL TRANSPORT

**SIGNAL TRANSPORT™**

Reader Service No. 212

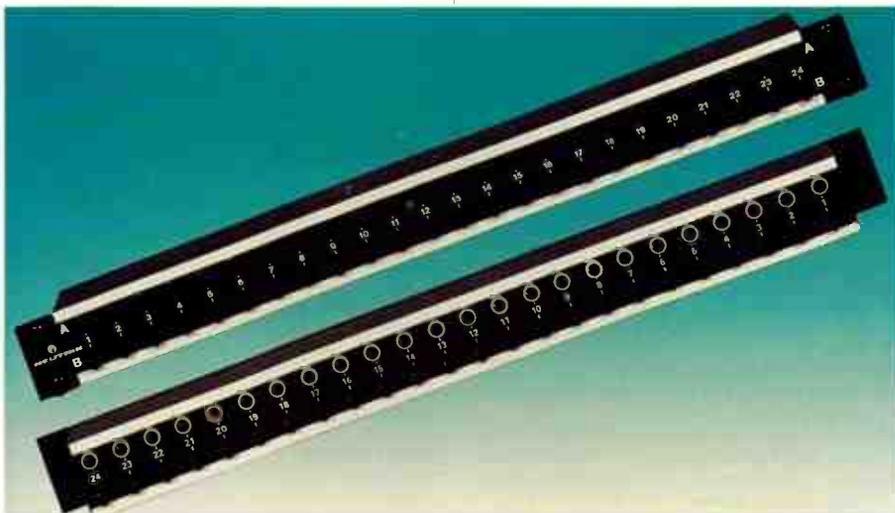
#### Project Patch PP-96-1

**MSRP** \$795.

**AUDIO I/O** 96 front points, balanced and TT/bantam. 192 rear points, balanced and TT/bantam. Normalization switchable by user.

**DIMENSIONS** 19" W x 9" D x 2.625" H. 6 lbs.

#### Project Patch PP-96-1



Neutrik PatchLink

Reader Service No. 210

# Vital Stats: Personal Digital Studios

See listings on page 124.

MODEL	TYPE	MEDIUM	NUMBER OF TRACKS	BIT DEPTH & RESOLUTION	MSRP
<b>Akai DPS12</b>	Multitrack hard disk recorder.	Hard disk.	12 real tracks 12-250 virtual tracks.	32kHz, 44.1kHz, and 48kHz A/D sample rates. 18-bit A/D resolution. 32kHz, 44.1kHz, and 48kHz A/D sample rates. 20-bit D/A resolution.	\$1,499
<b>Akai DR8</b>	Multitrack hard disk recorder.		8 real tracks.	18-bit A/D resolution. 20-bit D/A resolution.	\$1,995
<b>Akai DR16</b>	Multitrack hard disk recorder.		16 real tracks.	18-bit A/D resolution. 20-bit D/A resolution.	\$2,995
<b>Edirol Roland Videocanvas A-6 Digital Audio Station</b>	Multitrack hard disk recorder.	Hard disk.	4 stereo real tracks, 32 stereo virtual tracks.	44.1kHz A/D sample rates. 20-bit A/D resolution. 44.1kHz A/D sample rates. 20-bit D/A resolution.	\$1,148
<b>Fostex DMT-8VL</b>	Multitrack hard disk recorder.	Hard disk.	8 real tracks.	44.1kHz A/D sample rates. 18-bit A/D resolution. 44.1kHz A/D sample rates. 20-bit D/A resolution.	\$1,395
<b>Fostex FD-4</b>	Multitrack hard disk recorder.	Hard disk.	4 real tracks, 2 virtual.	32kHz, 44.1kHz A/D sample rates. 16-bit A/D resolution. 32kHz, 44.1kHz A/D sample rates. 16-bit D/A resolution.	>\$600
<b>Roland VS-840 Digital Studio Workstation</b>	Multitrack hard disk recorder.	Hard disk.	8 real tracks, 64 virtual tracks.	32kHz and 44.1kHz A/D sample rates. 20-bit A/D resolution. 32kHz and 44.1kHz A/D sample rates. 20-bit D/A resolution.	\$1,395
<b>Roland VS-880EX Digital Studio Workstation</b>	Multitrack hard disk recorder.	Hard disk.	8 real tracks, 128 virtual tracks.	32kHz, 44.1kHz, and 48kHz A/D sample rates. 20-bit A/D resolution. 32kHz, 44.1kHz, and 48kHz A/D sample rates. 20-bit D/A resolution.	\$2,195
<b>Sony MDM-X4 MkII</b>	MiniDisc recorder.	MiniDisc.	4 real tracks.	44.1kHz A/D sample rates. 18-bit A/D resolution. 44.1kHz A/D sample rates. 16-bit D/A resolution.	\$895
<b>XYTAR Digital Systems DMS1616CD</b>	Multitrack hard disk recorder.	Hard disk.	16 real tracks, infinite virtual tracks.	32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit A/D resolution. 32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit D/A resolution.	\$9,999
<b>XYTAR Digital Systems DMS1632CDR</b>	Multitrack hard disk recorder.	Hard disk.	32 real tracks, infinite virtual tracks.	32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit A/D resolution. 32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit D/A resolution.	\$13,499
<b>XYTAR Digital Systems DMS216CD</b>	Multitrack hard disk recorder.	Hard disk.	16 real tracks, infinite virtual tracks.	32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit A/D resolution. 32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit D/A resolution.	\$3,499
<b>XYTAR Digital Systems DMS233CDR</b>	Multitrack hard disk recorder.	Hard disk.	16 real tracks, infinite virtual tracks.	32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit A/D resolution. 32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit D/A resolution.	\$5,499
<b>XYTAR Digital Systems DMS2432CDR</b>	Multitrack hard disk recorder.	Hard disk.	32 real tracks, infinite virtual tracks.	32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit A/D resolution. 32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit D/A resolution.	\$16,999
<b>XYTAR Digital Systems DMS3232CDR</b>	Multitrack hard disk recorder.	Hard disk.	32 real tracks, infinite virtual tracks.	32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit A/D resolution. 32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit D/A resolution.	\$18,999
<b>XYTAR Digital Systems DMS416CD</b>	Multitrack hard disk recorder.	Hard disk.	16 real tracks, infinite virtual tracks.	32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit A/D resolution. 32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit D/A resolution.	\$4,999
<b>XYTAR Digital Systems DMS432CDR</b>	Multitrack hard disk recorder.	Hard disk.	32 real tracks, infinite virtual tracks.	32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit A/D resolution. 32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit D/A resolution.	\$6,999
<b>XYTAR Digital Systems DMS816CD</b>	Multitrack hard disk recorder.	Hard disk.	16 real tracks, infinite virtual tracks.	32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit A/D resolution. 32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit D/A resolution.	\$6,499
<b>XYTAR Digital Systems DMS832CDR</b>	Multitrack hard disk recorder.	Hard disk.	32 real tracks, infinite virtual tracks.	32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit A/D resolution. 32kHz, 44.1kHz, 48kHz, and 22.05kHz A/D sample rates. 20-bit D/A resolution.	\$8,999

# Vital Stats: CD-R Recorders

See listings at left.

MODEL	WRITE SPEEDS	WRITE FEATURES	MSRP
<b>Fostex CR200</b>	1X write speeds.	Disk-at-once and track-at-once.	\$2,195
<b>Superscope/Marantz CDR615</b>	1X write speeds.	Disk-at-once, track-at-once, adjustable silence between tracks, and writes audio and data to same disc.	\$2300
<b>Superscope/Marantz CDR620</b>	1X and 2X write speeds.	Disk-at-once, track-at-once, adjustable silence between tracks, and writes audio and data to same disc.	\$3,600
<b>Superscope/Marantz CDR630</b>	1X write speeds.	Disk-at-once, track-at-once, and adjustable silence between tracks.	\$1,200
<b>Yamaha CRW62216E</b>	2X write speed.	Plays audio CDs. CD-rewritable.	\$349.99

MSRP \$795.

**AUDIO** 1/0 96 front points, balanced and TT/bantam. 192 rear points, balanced and TT/bantam. Normalization switchable by user.**FEATURES** The Project Patch PP96-1 forms the foundation for a wide line of Project Patch Studio Kits and customizable installations, utilizing prefabricated plug-in modular cables from Signal Transport. The Project Patch system combines the best features of connectorized patch bays with the flexibility of punch-type patch bays while requiring no special tools for installation.**DIMENSIONS** 19" W x 9" D x 2.625" H. 6 lbs.**Project Patch PP-48-1**

MSRP \$275.

**AUDIO** 1/0 48 front points, 1/4" and balanced. 96 rear points, 1/4" and balanced. Normalization switchable by user.**DIMENSIONS** 19" W x 9" D x 1.75" H. 3 lbs.**Project Patch PP-48-1**

MSRP \$275.

**AUDIO** 1/0 48 front points, 1/4" and balanced. 96 rear points, 1/4" and balanced. Normalization switchable by user.**FEATURES** Model PP48-1 is the affordable, 1/4" option within the Project Patch line. Project Patch Studio Kits and customizable installations utilize pre-fabricated plug-in modular cables from Signal Transport. The Project Patch system combines the best features of connectorized patch bays with the flexibility of punch-type patch bays while requiring no special tools for installation.**DIMENSIONS** 1U rackmount. 3 lbs.**Synth Driver**

MSRP \$940 to \$2,398.

**AUDIO** 1/0 32 front points, 1/4" and balanced. 32 rear points, 1/4" and balanced. Non-normalized.**FEATURES** Synth Driver is a multichannel balancing line driver with EDAC multipin outputs. Eliminates hums and buzzes and cleans up your installation wherever multiple synthesizers and samplers are found. Available in 8, 16, and 32 channel versions with or without input shield lift switches. 1/4" balanced inputs accept balanced or unbalanced sources. 6dB fixed gain per channel.**DIMENSIONS** 1U rackmount. 10 lbs.**SAMSON/BEHRINGER****Ultratch Pro PX2000**

MSRP \$89.99.

**AUDIO** 1/0 48 front points, 48 rear points, Normalization switchable by user.**FEATURES** Switch for each channel (24 in all) on the top panel which can be used to adjust 1 of the 4 operating modes (parallel, half-normalized, normalized, and open), which give you utmost flexibility when configuring a wiring scheme in the studio.**DIMENSIONS** 1U rackmount.**SIGNAL TRANSPORT****Project Patch - Studio Kits 96**

MSRP Starting from \$2100.

**FEATURES** A wide range of custom and product specific studio integration systems based on our PP-96-1 patch bays and Project Patch cables.**Project Patch - Studio Kits 48**

MSRP Starting from \$1900.

**FEATURES** A wide range of custom and product specific studio integration systems based on our PP-48-1 patch bays and Project Patch cables.

# Monitors and Computer Speakers

**ALESIS**

# ALESIS

**Monitor One**

DESCRIPTION Passive monitors.

MSRP \$399.

**FEATURES** 6.5" mineral-filled polypropylene woofer. 1" silk dome tweeter. Rear-ported enclosure. 45Hz-18kHz +/-3dB frequency response. 120W continuous power handling per side. 5-way binding post connectors.**DIMENSIONS** 15" W x 8.5" D x 9.25" H. 15 lbs.**Monitor Two**

DESCRIPTION Passive monitors.

MSRP \$699.

**FEATURES** 10" mineral-filled polypropylene woofer. 1" silk dome tweeter.

Rear bass port enclosure. 40Hz-18kHz +/-3dB frequency response. 200W continuous power handling per side. 4 ohms nominal impedance. Binding post (banana) and 5-way connectors.

**DIMENSIONS** 14" W x 14" D x 20" H. 34 lbs.**Point Seven**

DESCRIPTION Passive monitors.

MSRP \$299.

**FEATURES** 5" carbon fiber woofer. 1" silk dome tweeter. Front-ported enclosure. 85Hz-22kHz +/-3dB frequency response. 4 ohms nominal impedance. 50W continuous power handling per side. Magnetically shielded. 5-way binding posts.**DIMENSIONS** 7.1" W x 7.25" D x 11.2" H. 11 lbs.**Point Source**

DESCRIPTION Passive monitors.

MSRP \$199.

**FEATURES** 2 x 5" non-woven carbon fiber woofers. 1" silk dome tweeter.

Front-ported D'Appolito enclosure. 80Hz-20kHz frequency response. 50W continuous power handling per side. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 18" W x 9" D x 7.5" H. 17 lbs.**Point Surround**

DESCRIPTION Passive monitors.

MSRP \$499.

**FEATURES** 2 x 5" carbon fiber woofers. 2 x 1" silk dome tweeters. Sealed bi-polar enclosure. 80Hz-20kHz frequency response. 50W handling per side. 4 ohms nominal impedance. Binding post (banana) connectors. Magnetically shielded.**DIMENSIONS** 10" W x 8" D x 11.25" H. 16 lbs.**ALTEC LANSING****ACS43**

DESCRIPTION Computer speakers.

MSRP \$49.95.

**ACS44**

DESCRIPTION Computer speakers.

MSRP \$79.

**FEATURES** 4" long-throw woofer. 15W continuous power handling per side. 35Hz-19kHz frequency response. >10K ohms impedance. Magnetically shielded.**ACS451**

DESCRIPTION Computer speakers.

MSRP \$99.

**FEATURES** 6.5" long-throw woofer. 35Hz-20kHz frequency response. >10K ohms impedance. Magnetically shielded.**ADA310**

DESCRIPTION Computer speakers.

MSRP \$299.

**FEATURES** 6" dual voice coil woofer. 24W continuous power handling per side. 20Hz-20kHz frequency response. >10K ohms impedance. Magnetically shielded.**ADA70**

DESCRIPTION Computer speakers.

MSRP \$149.

**FEATURES** 6.5" dual voice coil woofer. 1" dome tweeter. 20W continuous power handling per side. 35kHz-250Hz frequency response. >10K ohms impedance. Magnetically shielded.**ADA305**

DESCRIPTION Computer speakers.

MSRP \$199.

**AMBIANCE ACOUSTICS****California Cube**

DESCRIPTION Passive monitors.

MSRP \$1,395.

**FEATURES** 4th order vented enclosure. 39Hz-16.5kHz -5dB frequency response. 120W continuous power handling per side. 8 ohms nominal impedance. Binding post (banana) and RCA on EQ connectors.**DIMENSIONS** 13-5/8" W x 13-5/8" D x 13-5/8" H. 30 lbs. each.**ATC****SCM10 Pro**

DESCRIPTION Passive monitors.

MSRP \$1,650.

**FEATURES** 5" woofer. 1" tweeter. Sealed enclosure. 65Hz-20kHz frequency response. 8 ohms impedance. Binding post (banana) connectors.**DIMENSIONS** 7.1" W x 10" D x 15" H. 22 lbs.**SCM100A Pro**

DESCRIPTION Powered monitors.

MSRP \$10,195.

**FEATURES** 12" woofer. 1" tweeter. Ported enclosure. 32Hz-20kHz frequency response. XLR connectors. Class A/B 200W bass, 100W mid, and 50W high continuous power handling per side.**DIMENSIONS** 15.7" W x 22.9" D x 32.8" H. 143 lbs.**SCM150A Pro**

DESCRIPTION Powered monitors.

MSRP \$11,995.

**FEATURES** 15" woofer. 1" tweeter. Ported enclosure. 32Hz-20kHz frequency response. XLR connectors. Class A/B 200W bass, 100W mid, and 50W high continuous power handling per side.**DIMENSIONS** 19.6" W x 25.5" D x 34.8" H. 165 lbs.**SCM20 Pro**

DESCRIPTION Passive monitors.

MSRP \$2,500.

**FEATURES** 6" woofer. 1" tweeter. Sealed enclosure. 60Hz-20kHz frequency response. 8 ohms impedance. Binding post (banana) connectors.**DIMENSIONS** 9.8" W x 12.4" D x 17.3" H. 50 lbs. 10 oz.**SCM20A Pro**

DESCRIPTION Powered monitors.

MSRP \$4,595.

**FEATURES** 6" woofer. 1" tweeter. Sealed enclosure. 60Hz-20kHz frequency response. 8 ohms impedance. XLR connectors. Class A/B 250W bass and 50W high continuous power handling per side.**DIMENSIONS** 10.6" W x 12.2" D x 17.6" H. 66 lbs.**SCM20A Pro**

DESCRIPTION Powered monitors.

MSRP \$4,595.

**FEATURES** 6" woofer. 1" tweeter. Sealed enclosure. 60Hz-20kHz frequency response. 8 ohms impedance. XLR connectors. Class A/B 250W bass and 50W high continuous power handling per side.

Alesis Monitor One



Reader Service No. 214

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READER SERVICE NO. 28

World Radio History

**DIMENSIONS** 10.6" W x 12.2" D x 17.6" H. 66 lbs.

**SCM50A Pro**

**DESCRIPTION** Powered monitors.

**MSRP** \$8,995.

**FEATURES** 9" woofer. 1" tweeter. Ported enclosure. 38Hz-20kHz frequency response. XLR connectors. Class A/B 200W bass, 100W mid, and 50W high continuous power handling per side.

**DIMENSIONS** 13.8" W x 18.8" D x 28.2" H. 107 lbs.

**B & W**

**Silver Signature**

**DESCRIPTION** Passive monitors.

**MSRP** \$8,000.

**FEATURES** 7" woven Kevlar cone woofer. 1" metal dome tweeter. Bass reflex forward ported enclosure. 35Hz-22kHz @ -3dB frequency response. 50-120W continuous power handling per side. 8 ohms impedance. 1/4" connectors.

**DIMENSIONS** 10" W x 9.625" D x 17.75" H. 30 lbs.

**BAG END**

**MM-8**

**DESCRIPTION** Passive monitors.

**MSRP** \$1,240 each.

**FEATURES** 8" low frequency cone woofer. 1.75" aluminum compression high frequency tweeter. Front-ported enclosure. 100Hz-20kHz frequency response. 150W below 3kHz, 40W above 3kHz. 8 ohms nominal, 7 ohms minimal impedance. Binding post (banana) connectors.

**DIMENSIONS** 12.5" W x 8" D x 17.5" H. 31 lbs.

**MM-8H**

**DESCRIPTION** Passive monitors.

**MSRP** \$1,132 each.

**FEATURES** 8" low frequency cone woofer. 1.75" aluminum compression high frequency tweeter. Front-ported enclosure. 100Hz-20kHz frequency response. 8 ohms nominal, 7 ohms minimal impedance. Binding post (banana) connectors.

**DIMENSIONS** 12.5" W x 8.5" D x 17.5" H. 32 lbs.

**BARBETTA**

**Diva G8 and G10**

**DESCRIPTION** Powered monitors.

**MSRP** \$1,899 to \$2,399.

**FEATURES** 8" or 10" polymer treated cone woofers. 1" custom titanium dome tweeter. Bass port symmetrical enclosure. 39Hz-22kHz frequency response. 140W continuous power handling per side. 1/4" and XLR connectors. Magnetically shielded. MOSFET Multi-loop power amplifiers.

**DIMENSIONS** 14-1/2" W x 16" D x 17" H. 38 lbs.

**Diva Omnifield G-9**

**DESCRIPTION** Powered monitors.

**MSRP** \$1,099.

**FEATURES** 8" rubber surround woofer. 1" titanium dome tweeter. Ported reflex enclosure. 39Hz-22kHz flat frequency response. 125W continuous power handling per side. 1/4" and XLR connectors. Bi-amplified with 100W RMS woofer and 40W RMS tweeter amps.

**DIMENSIONS** 12" W x 13" D x 16" H. 32 lbs.

**BENSON AUDIO**

**MiniZone**

**DESCRIPTION** Passive monitors.

**MSRP** \$199.90.

**FEATURES** 5.5" long excursion Polycone woofer with vented gap. 1" treated fabric dome tweeter. Sealed trapezoidal wooden enclosure. 80Hz-20kHz -6dB frequency response. 60W EIA continuous power handling per side. 8 ohms nominal, 7 ohms minimal impedance. Push-clip connectors. Magnetically shielded.

**DIMENSIONS** 6.25" W x 6.5" D x 10.5" H. 7 lbs.

**StudioStat 8.2**

**DESCRIPTION** Passive monitors.

**MSRP** \$1,399.

**FEATURES** 8" cast frame 2" coil rubber surround composite cone woofer. 5" x 5" electrostatic element tweeter. Front-ported bass reflex MDF with hardwood baffle enclosure. 39Hz-21kHz -6dB, 48Hz-19kHz +/- 3dB frequency response. 200W EIA continuous power handling per side. 4 ohms nominal, 3.2 ohms minimal impedance. Binding post (banana) and gold-plated connectors.

**DIMENSIONS** 11" W x 12" D x 17.75" H. 34 lbs.

**DIGITAL DESIGNS**

**DD161d**

**DESCRIPTION** Passive monitors.

**MSRP** \$499.

**FEATURES** 6.5" carbon poly woofer. 25mm liquid-cooled rubber edge aluminum alloy tweeter. 2 vented-box alignments and 1 acoustic suspension and mirror image enclosure. 45Hz-22kHz frequency response. 100W continuous power handling per side. 4 ohms impedance. 5-way binding connectors. Magnetically shielded.

**DIMENSIONS** 9" W x 11" D x 13.5" H. 23 lbs. each.

**Magma "c" Series**

**DESCRIPTION** Passive monitors.

**MSRP** \$279.

**FEATURES** 6.5" carbon poly woofer with 20 oz. magnet. 20mm liquid-cooled tweeter. 2 vented box alignments and 1 acoustic suspension and mirror image enclosure. 45Hz-22kHz frequency response. 100W continuous power handling per side. 4 ohms impedance. Push-clip connectors. Magnetically shielded.

**DIMENSIONS** 9" W x 11" D x 13.5" H. 23 lbs. each.

**DYNAUDIO ACOUSTICS**

**BM15**

**DESCRIPTION** Passive monitors.

**MSRP** \$1,599.

**FEATURES** 9-1/2" shielded dynamic woofer with integrated poly cone. 1" ferrofluid-cooled soft dome tweeter. Front-ported reflex mirror image enclosure. 43Hz-20kHz +/-2.5dB frequency response. 250W RMS continuous power handling per side. 4 ohms nominal impedance. Binding post (banana) connectors.

**DIMENSIONS** 11" W x 13" D x 18" H. 27 lbs.

**BM15A**

**DESCRIPTION** Powered monitors.

**MSRP** \$3,599.

**FEATURES** 9-1/2" shielded dynamic woofer with integrated poly cone. 1" ferrofluid-cooled soft dome tweeter. Front-ported reflex mirror image enclosure. 40Hz-21kHz +/-2.5dB frequency response. 22Kohms (input). XLR connectors. Magnetically shielded. 200W MOSFET low, 100W MOSFET high, bi-amped continuous power handling per side.

**DIMENSIONS** 12" W x 16" D x 18" H. 46 lbs.

**BM5**

**DESCRIPTION** Passive monitors.

**MSRP** \$799.

**FEATURES** 6-1/2" shielded dynamic woofer with integrated poly cone. 1" shielded soft dome tweeter with neodymium magnet. Front-ported reflex mirror image enclosure. 55Hz-29kHz +/-2.5dB frequency response. 100W RMS IEC continuous power handling per side. 4 ohms nominal impedance. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 8" W x 10" D x 12" H. 13 lbs.

**BM6**

**DESCRIPTION** Passive monitors.

**MSRP** \$1,069.

**FEATURES** 6-1/2" shielded dynamic woofer with integrated poly cone. 1" ferrofluid-cooled soft dome tweeter. Rear-ported reflex enclosure. 43Hz-20kHz +/-2.5dB frequency response. 100W RMS continuous power handling per side. 4 ohms nominal impedance. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 8" W x 10" D x 13" H. 16 lbs.

**BM6A**

**DESCRIPTION** Powered monitors.

**MSRP** \$2,599.

**FEATURES** 6-1/2" shielded dynamic woofer with integrated poly cone. 1" ferrofluid-cooled soft dome tweeter. Rear-ported reflex enclosure. 42Hz-21kHz +/-2.5dB frequency response. 27Kohms impedance (input). XLR connectors. Magnetically shielded. 100W MOSFET low, 100W MOSFET high, bi-amped continuous power handling per side.

**DIMENSIONS** 9" W x 13" D x 14" H. 26 lbs.

**M1**

**DESCRIPTION** Passive monitors.

**MSRP** \$3,199.

**FEATURES** 2 x 6" shielded dynamic woofer with integrated poly cone. 1" ferrofluid cooled soft dome tweeter. Front-ported reflex enclosure. 50Hz - cooled soft dome. 300W RMS continuous power handling per side. 4 OHMs Nominal. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 18" W x 12" D x 8" H. 31 lbs.

**M1-5**

**DESCRIPTION** Passive monitors.

**MSRP** \$4,199.

**FEATURES** 2 x shielded dynamic unit with integrated poly cone. 1" ferrofluid cooled soft dome. Front port reflex, mirror image. 40Hz - 20KHz +/- 3dB. 200W RMS continuous power handling per side. 4 OHMs Nominal.Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 12" W x 16" D x 17" H. 48 lbs.

**M2**

**DESCRIPTION** Passive monitors.

**MSRP** \$6,579.

**FEATURES** 2 x 8" shielded dynamic woofer with integrated poly cone. 1" ferrofluid-cooled soft dome tweeter. Front-ported reflex enclosure. 45Hz-20kHz +/-3dB frequency response. 400W RMS continuous power handling per side. 4 ohms nominal impedance. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 27" W x 20" D x 13" H. 77 lbs.

**M3**

**DESCRIPTION** Passive monitors.

**MSRP** \$12,129.

**FEATURES** 2 x 12" ferrofluid-cooled integrated poly cone woofer. 1" ferrofluid-cooled soft dome tweeter. Front port reflex enclosure. 40Hz-20kHz +/-3dB frequency response. 350W RMS continuous power handling per side. XXX 40 ohms nominal impedance. Push-clip connectors. Magnetically shielded.

**DIMENSIONS** 22" W x 20" D x 31" H. 143 lbs.

**EDIROL**

**Roland MA-12C**

**DESCRIPTION** Powered monitors.

**MSRP** \$248.

**FEATURES** Sealed enclosure. 70Hz-17kHz frequency response. 1/4" connectors. Magnetically shielded. 10W bass, 10W treble continuous power handling per side.

**DIMENSIONS** 5-1/4" W x 6-1/2" D x 8-5/8" H. 5 lbs., 2 oz.

**Roland MA-150U USB**

**DESCRIPTION** Powered monitors.

**MSRP** \$199.

**FEATURES** 12cm woofer. 3cm tweeter. Bass-reflex enclosure. 75Hz-18kHz frequency response. USB, RCA, and 1/8" connectors. Magnetically shielded. 15W bass, 15W treble continuous power handling per side.

**Roland MA-20**

**DESCRIPTION** Powered monitors.

**MSRP** \$298.

**FEATURES** Sealed bass-reflex enclosure. 80Hz-20kHz frequency response. 1/4" connectors. Magnetically shielded. 15W bass, 15W treble continuous power handling per side.

**DIMENSIONS** 6-5/16" W x 7-5/16" D x 9-1/4" H. 7 lbs., 1 oz.

**Roland MA-4**

**DESCRIPTION** Powered computer speakers.

**MSRP** \$75.

**FEATURES** Sealed bass reflex enclosure. 100Hz-18kHz frequency response. RCA connectors. Magnetically shielded. 4W bass, 4W treble continuous power handling per side.

**DIMENSIONS** 3-3/4" W x 5-1/16" D x 7-1/16" H.

**Roland MA-8**

**DESCRIPTION** Powered computer speakers.

**MSRP** \$95.

**FEATURES** 3cm tweeter. Sealed bass-reflex enclosure. 80Hz-18kHz frequency response. RCA connectors. Magnetically shielded. 8W bass, 8W treble continuous power handling per side.

**DIMENSIONS** 5-9/16" W x 5-13/16" D x 9-1/2" H.

**Roland MA-9**

**DESCRIPTION** Powered computer speakers.

**MSRP** \$128.

**FEATURES** 3cm tweeter. Sealed bass-reflex enclosure. 80Hz-18kHz. RCA connectors. Magnetically shielded. 8W bass, 8W treble continuous power handling per side.

**DIMENSIONS** 5-9/16" W x 5-13/16" D x 9-1/2" H.

**ELECTRO-VOICE**

**S40**

**DESCRIPTION** Passive monitors.

MSRP \$634.

**FEATURES** 5.25" woofer. 1" tweeter. 85Hz-20kHz frequency response. 160W continuous power handling per side. 4 ohms nominal impedance.

**DIMENSIONS** 7" W x 5.9" D x 9.8" H. 5 lbs., 9 oz.

### S60

**DESCRIPTION** Passive monitors.

MSRP \$474.

**FEATURES** 6.5" woofer. 1.25" tweeter. Sealed enclosure. 60Hz-18kHz frequency response. 100W continuous power handling per side. 8 ohms nominal impedance.

**DIMENSIONS** 8.7" W x 8.4" D x 13.8" H. 15 lbs., 6 oz.

### S80

**DESCRIPTION** Passive monitors.

MSRP \$568.

**FEATURES** 8" woofer. 1" soft dome tweeter. Ported enclosure. 80Hz-15kHz frequency response. 100W continuous power handling per side. 8 ohms nominal impedance.

**DIMENSIONS** 10.7" W x 8.5" D x 15.8" H. 16 lbs., 8 oz.

### Sentry 100

**DESCRIPTION** Passive monitors.

MSRP \$612.

**FEATURES** 8" woofer. 1.5" super dome tweeter. 45Hz-18kHz frequency response. 30W continuous power handling per side. 6 ohms nominal impedance.

**DIMENSIONS** 12" W x 11.5" D x 17.25" H. 28 lbs.

### Sentry 100EL

**DESCRIPTION** Powered monitors.

MSRP \$1,212.

**FEATURES** 8" woofer. 1.5" superdome tweeter. 45Hz-18kHz frequency response. 6 ohms nominal impedance. 59W continuous power handling per side.

**DIMENSIONS** 12" W x 11.5" D x 17.25" H. 33 lbs.

### Sentry 500

**DESCRIPTION** Passive monitors.

MSRP \$1,074.

**FEATURES** 12" woofer. 1.5" super dome tweeter. Sealed enclosure. 40Hz-18kHz frequency response. 100W continuous power handling per side. 8 ohms nominal impedance.

**DIMENSIONS** 27" W x 13" D x 23.75" H. 70 lbs.

## EVENT

### 20/20 Direct Field Monitor

**DESCRIPTION** Passive monitors.

MSRP \$399.

**FEATURES** 8" mineral-filled polypropylene cone, damped rubber surround woofer. 25mm ferrofluid-cooled silk dome tweeter. Front-mounted bass port MDF enclosure. 50Hz-20kHz +/-3dB frequency response. 150W continuous power handling per side. 4 ohms nominal impedance. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 10.25" W x 11.75" D x 14.75" H. 22 lbs.

### 20/20bas

**DESCRIPTION** Powered monitors.

MSRP \$999.

**FEATURES** 8" mineral-filled polypropylene cone, damped rubber surround woofer. 25mm ferrofluid-cooled silk dome tweeter. Front-mounted bass port MDF enclosure. 35Hz-20kHz +/-3dB, 38Hz-20kHz +/-2dB frequency response. Neutrik and XLR/TRS combo connectors. Magnetically shielded. 130W low, 70W high continuous power handling per side.

**DIMENSIONS** 10.25" W x 11.75" D x 14.75" H. 30 lbs.

### 20/20p

**DESCRIPTION** Powered monitors.

MSRP \$599.

**FEATURES** 8" mineral-filled polypropylene cone, damped rubber surround woofer. 25mm ferrofluid-cooled silk dome tweeter. Front-mounted bass port MDF enclosure. 35Hz-20kHz +/-3dB, 38Hz-20kHz +/-2dB frequency response. Neutrik and XLR/TRS combo connectors. Magnetically shielded. 100W continuous power handling per side.

**DIMENSIONS** 10.25" W x 11.75" D x 14.75" H. 33 lbs. main/22 lbs. satellite.

### Tria Triamplified Workstation Monitor System

**DESCRIPTION** Powered monitors.

MSRP \$849.

**FEATURES** 8" floor-mounted mineral filled polypropylene cone woofer. 1" ferrofluid-cooled natural soft dome neodymium tweeter. Front-mounted bass port VLF floor-mounted bass satellite enclosures. 35Hz-20kHz +/-3dB, 38Hz-20kHz +/-2dB frequency response. Neutrik and XLR/TRS combo connectors. Magnetically shielded. 80W sub, 80W low, 40W high continuous power handling per side.

**DIMENSIONS** 7.5" W x 11" D x 18.5" H. 11 lbs.

## FOSTEX

### PS-3

**DESCRIPTION** Powered monitors.

MSRP \$349.

**FEATURES** 4th order bandpass 5/14" woofer driver. 1" dome tweeter. 70Hz-20kHz +/-3dB frequency response. Self-powered 5W @ 4 ohms continuous power handling per side. 4 ohms nominal impedance. Binding post (banana) connectors. Magnetically shielded. 15W to sub and 5W to each satellite.

**DIMENSIONS** 4" W x 4" D x 8.25" H. 16 lbs.

## GENELEC

### 1029A

**DESCRIPTION** Powered monitors.

MSRP \$1,070.

**FEATURES** Coated 5" woofer. 3/4" metal dome tweeter. Ported aluminum enclosure. 68Hz-20kHz frequency response. 1/4" and XLR connectors. Magnetically shielded. 40W bass, 40W treble continuous power handling per side.

**DIMENSIONS** 6" W x 7" D x 10" H. 12 lbs.

### 1030AM-P

**DESCRIPTION** Powered monitors.

MSRP \$2,198.

**FEATURES** Poly 6.5" woofer. 3/4" metal dome tweeter. Ported MDF enclosure. 52Hz-20kHz frequency response. XLR connectors. Magnetically shielded. 80W bass, 50W treble continuous power handling per side.

**DIMENSIONS** 7.25" W x 9.5" D x 12" H. 12 lbs.

### 1031AM

**DESCRIPTION** Powered monitors.

MSRP \$4,000.

**FEATURES** 8" poly woofer. 1" aluminum dome tweeter. Ported MDF enclosure. 48Hz-22kHz +/- 2dB frequency response. XLR connectors. Magnetically shielded. 120W bass, 120W tweeter continuous power handling per side.

**DIMENSIONS** 10" W x 11.5" D x 15.5" H. 28 lbs.

### 1031AM-P

**DESCRIPTION** Powered monitors.

MSRP \$3,998.

**FEATURES** Poly 8" woofer. 1" metal dome tweeter. Ported MDF enclosure. 45Hz-21kHz frequency response. XLR connectors. Magnetically shielded. 120W bass, 120W treble continuous power handling per side.

**DIMENSIONS** 10" W x 11.5" D x 15.5" H. 12 lbs.

### 1032AM

**DESCRIPTION** Powered monitors.

MSRP \$5,000.

**FEATURES** 10" poly woofer. 1" aluminum dome tweeter. Ported MDF enclosure. 42Hz-21kHz +/- 2.5dB frequency response. XLR connectors. Magnetically shielded. 180W bass, 120W tweeter continuous power handling per side.

**DIMENSIONS** 12.5" W x 11.5" D x 19.5" H. 28 lbs.

### 1037B

**DESCRIPTION** Powered monitors.

MSRP \$9,498.

**FEATURES** 12" cone woofer. 1" aluminum dome tweeter. Ported MDF enclosure. 37Hz-21kHz +/-2.5dB frequency response. XLR connectors. 180W bass, 120W mid, 120W high continuous power handling per side.

**DIMENSIONS** 16" W x 15" D x 27" H. 82 lbs.

### 1091AP

**DESCRIPTION** Powered subwoofer.

MSRP \$699.

**FEATURES** 8" cone woofer. Ported MDF enclosure. 38Hz-85Hz +/-2.5dB frequency response. 1/4" and XLR connectors. 70W continuous power handling per side.

**DIMENSIONS** 10" W x 10" D x 20" H. 22 lbs.

### 1092AP

**DESCRIPTION** Powered subwoofer.

MSRP \$2,149.

**FEATURES** 2 x 8" cone woofer. Ported MDF enclosure. 33Hz-85Hz +/-2.5dB frequency response. XLR connectors. 180W continuous power handling per side.

**DIMENSIONS** 13" W x 20" D x 25" H. 66 lbs.

### S30C

**DESCRIPTION** Powered monitors.

MSRP \$5,800.

**FEATURES** 8" cone woofer. 60mm ribbon tweeter. Ported MDF enclosure. 43Hz-25kHz +/-2.5dB frequency response. XLR connectors. 120W bass, 120W mid, 120W highs continuous power handling per side.

**DIMENSIONS** 12.5" W x 11.5" D x 19.5" H. 44 lbs.

## HOT HOUSE PROFESSIONAL AUDIO

### ASB 110 Compact Studio Subwoofer

**DESCRIPTION** Powered monitors.

MSRP \$2,999 each.

**FEATURES** 10" underhung suspension, 30 lb. long excursion. 6th order front vented. 16-110Hz. 450W. 4 ohms. XLR and RCA/TRS connectors. 450W RMS, MOSFET 900W peak.

**DIMENSIONS** 18" W x 20" D x 18" H. 90 lbs.

### ASB 112 Mid-Size Studio Subwoofer

**DESCRIPTION** Powered monitors.

MSRP \$3,499 each.

**FEATURES** 12" Underhung suspension, 31 lb. long excursion. 6th order front vented. 16-110Hz. 450W. 4 ohms. XLR and RCA/1/4" TRS connectors. 450W RMS, MOSFET, 900 peak.

**DIMENSIONS** 18" W x 20" D x 24" H. 105 lbs.

### ASB 115 Pedestal Height Studio Subwoofer

**DESCRIPTION** Powered monitors.

MSRP \$3,999 each.

**FEATURES** 15" underhung suspension, 38 lb. long excursion. 6th order front vented. 16-110Hz. 450W. 4 ohms. XLR and RCA/1/4" TRS connectors. 450W RMS, MOSFET - 900W peak.

**DIMENSIONS** 18" W x 20" D x 35" H. 145 lbs.

### ASB 212 Pedestal Height Studio Subwoofer

**DESCRIPTION** Powered monitors.

MSRP \$4,999 each.

**FEATURES** 2-12" Underhung suspension, 31 lb. long excursion. 6th order front vented. 16-110Hz. 900W. 2 ohms. XLR and RCA/1/4" TRS connectors. 600W RMS, MOSFET, 1200W peak.

**DIMENSIONS** 17" W x 31" D x 35" H. 175 lbs.

## JBL

### 4206

**DESCRIPTION** Passive monitors.

MSRP \$388.

**FEATURES** 6" shielded ferrite woofer. 1" titanium dome shielded tweeter. Rear bass port enclosure. 65Hz-20kHz +/-2dB frequency response. 75W continuous power handling per side. 8 ohms nominal impedance. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 9" W x 9.5" D x 15.38" H. 15 lbs.

### 4208

**DESCRIPTION** Passive monitors.

MSRP \$510.

**FEATURES** 8" shielded ferrite woofer. 1" titanium dome shielded tweeter. Rear bass port enclosure. 60Hz-20kHz +/-2dB frequency response. 75W continuous power handling per side. 8 ohms impedance. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 11.25" W x 9" D x 17.75" H. 20 lbs., 8 oz.

### 4408A

**DESCRIPTION** Passive monitors.

MSRP \$674.

**FEATURES** 8" cast frame ferrite woofer. 1" titanium dome tweeter. Front port mirror image enclosure. 50Hz-20kHz +/-2dB, 35Hz-30kHz -10dB frequency response. 100W continuous power handling per side. 8 ohms nominal impedance. Binding post (banana) connectors. 2-way monitor

**DIMENSIONS** 12" W x 11.63" D x 17.25" H. 26 lbs.

### 4410A

**DESCRIPTION** Passive monitors.

MSRP \$934.

**FEATURES** 10" SFG magnet structure woofer. 1" titanium dome tweeter.

Front port mirror image line array enclosure. 45Hz-20kHz frequency response. 125W continuous power handling per side. 8 ohms nominal impedance. Binding post (banana) connectors. 3-way monitor.

**DIMENSIONS** 14.25" W x 11.25" D x 23.5" H. 43 lbs.

#### 4412A

**DESCRIPTION** Passive monitors.

**MSRP** \$1,402.

**FEATURES** 12" SFG magnet structure, Aquaplas laminated cone woofer. 1" titanium dome tweeter. Front port mirror image enclosure. 45Hz-20kHz +/-2dB, 30Hz-30kHz -10dB frequency response. 150W continuous power handling per side. 8 ohms nominal impedance. Binding post (banana) connectors. 3-way monitor.

**DIMENSIONS** 23.5" W x 11.25" D x 14.25" H.

#### 4425 Bi-Radial Monitor

**DESCRIPTION** Passive monitors.

**MSRP** \$2,388.

**FEATURES** 12" SFG magnet woofer structure with 3" voice coil. Titanium compression driver on bi-radial horn. Front port mirror image enclosure. 40Hz-16kHz +/-3dB frequency response. 200W continuous power handling per side. 8 ohms nominal impedance. Binding post (banana) connectors.

**DIMENSIONS** 16" W x 14.75" D x 25" H.

#### 4430 Bi-Radial Studio Monitor

**DESCRIPTION** Passive monitors.

**MSRP** \$4,534.

**FEATURES** 15" SFG magnet woofer structure with 4" edge wound voice coil. Titanium compression driver on bi-radial horn. Dual front-ported mirror image enclosure. 35Hz-16kHz +/-3dB frequency response. 300W continuous power handling per side. 8 ohms nominal impedance. Binding post (banana) connectors.

**DIMENSIONS** 21.88" W x 18.94" D x 35.75" H. 127 lbs.

#### 6208 Bi-Amped Monitor

**DESCRIPTION** Powered monitors.

**MSRP** \$948.

**FEATURES** 8" shielded ferrite woofer. 1" gold/titanium hybrid dome tweeter. Rear bass port enclosure. 60Hz-20kHz frequency response. 50W continuous power handling per side. 10K ohms nominal impedance. 50W low, 50W high bi-amp.

**DIMENSIONS** 11.25" W x 9.5" D x 17.75" H. 30 lbs.

#### DMS-1 Digital Monitor System

**DESCRIPTION** Passive monitors.

**MSRP** \$12,404.

**FEATURES** 2 14" neodymium woofer with 4" voice coil. 4" titanium compression driver on optimized aperture tweeter. Dual front-ported enclosure. 30Hz-20kHz +/-3dB frequency response. 1200W continuous power handling per side. 4 ohms nominal impedance. Binding post (banana) connectors.

**DIMENSIONS** 23" W x 20.75" D x 36" H. 110 lbs.

#### LSR12P Linear Spatial Reference Subwoofer

**DESCRIPTION** Powered monitors.

**MSRP** \$1,998.

**FEATURES** 12" differential drive neodymium woofer structure. Front linear dynamics aperture enclosure. 25Hz-110Hz frequency response. 10K ohms nominal impedance. XLR connectors. 250W continuous power handling per side.

**DIMENSIONS** 25" W x 12" D x 15.5" H. 50 lbs.

#### LSR28P Bi-Amplified Linear Spatial Reference

**DESCRIPTION** Powered monitors.

**MSRP** \$1,995.

**FEATURES** 8" differential drive woofer structure with dynamic braking. 1" composite dome tweeter on EOS waveguide. Rear linear dynamics aperture enclosure. 40Hz-22kHz +/-2dB frequency response. 200W low, 100W high continuous power handling per side. 10K ohms nominal impedance. 1/4" connectors. Bi-amped.

#### LSR32 Linear Spatial Reference

**DESCRIPTION** Passive monitors.

**MSRP** \$1,998.

**FEATURES** 12" differential drive neodymium woofer structure. 1" composite dome tweeter on EOS waveguide. Linear dynamics aperture port enclosure. 60Hz-22kHz +/-1.5dB, 35Hz-23kHz -10dB frequency response. 200W continuous power handling per side. 4 ohms nominal impedance. Binding post (banana) connectors.

**DIMENSIONS** 25" W x 11.5" D x 15.5" H.

### KORG

#### RMS

**DESCRIPTION** Passive monitors.

**MSRP** \$420.

**FEATURES** 7" co-polymer woofer with butyl surround. 1" soft dome tweeter. Rear bass port enclosure. 48Hz-20kHz. 100W continuous power handling per side. 8 ohms nominal impedance. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 15" W x 10.5" D x 8.5" H. 50 lbs.

### KR K

#### Expose E13

**DESCRIPTION** Powered monitors.

**MSRP** \$TBD

**FEATURES** 13" Kevlar woofer. 1" inverted Kevlar tweeter. XLR and Neutrik connectors. Magnetically shielded.

**DIMENSIONS** 22" W x 21.5" D x 31" H.

#### Expose E7

**DESCRIPTION** Powered monitors.

**MSRP** \$2,995.

**FEATURES** 7" Kevlar woofer. 1" Kevlar tweeter. Zolotone finish enclosure. 54Hz-20kHz frequency response. XLR connectors. Fully discrete output. 140W continuous power handling per side. Amplifier THD+N less than .05% at full power.

**DIMENSIONS** 13.75" W x 12" D x 15" H. 50 lbs. each.

#### Expose E8

**DESCRIPTION** Powered monitors.

**MSRP** \$3,995.

**FEATURES** 8" Kevlar woofer. 1" Kevlar tweeter. Grey zolotone enclosure. 100Hz-4kHz +/-1dB, 46Hz-22kHz +/-2.5dB frequency response. XLR connectors. Fully discrete output power. 140W continuous power handling per side.

**DIMENSIONS** 15.25" W x 14.5" D x 17" H. 50 lbs. each.

### VB

**DESCRIPTION** Powered monitors.

**MSRP** \$1,249.

**FEATURES** 8" Kevlar woofer. 1" silk dome tweeter. 20 liter bass reflex 1" and 3/4" MDF construction enclosure. 47Hz-23kHz +/-2dB frequency response. 75W continuous power handling per side. 10k ohms impedance (balanced input). 1/4", XLR, Neutrik, and AC/IEC connectors. Magnetically shielded. 130 watt low, 70 watt high amps.

**DIMENSIONS** 11" W x 12" D x 16" H. 38 lbs. each.

### MACKIE DESIGNS

#### HR324

**DESCRIPTION** Powered monitors.

**MSRP** \$1,499.

**FEATURES** 8.75" polypropylene woofer. 1" metal alloy tweeter. Passive radiator. 39Hz-22kHz +/-1.5dB frequency response. 350W continuous power handling per side. 1/4" and XLR connectors. Magnetically shielded. Biamped 250 watt woofer, 100 watt tweeter.

**DIMENSIONS** 10" W x 10.5" D x 15.75" H. 34 lbs.

### MEYER SOUND

#### HD-1

**DESCRIPTION** Powered monitors.

**MSRP** \$5,520.

**FEATURES** 8" cone driver bass reflex woofer. 1" dome silk tweeter. 32Hz-22kHz frequency response. 108W continuous power handling per side. XLR connectors. Bi-amp.

**DIMENSIONS** 12" W x 16" D x 16" H. 51 lbs.

### MILLER & KREISEL

#### MPS-150 Main

**DESCRIPTION** Passive monitors.

**MSRP** \$900.

**FEATURES** 2 x 5.5" polypropylene woofers. 3 x 1" soft dome tweeters. Sealed enclosure. 77Hz-20kHz +/-2dB frequency response. Power not to exceed 400 undipped musical peaks. 4 ohms nominal impedance. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 10.5" W x 12" D x 12" H. 26 lbs.

#### MPS-150 SUB

**DESCRIPTION** Powered subwoofer.

**MSRP** \$1300.

**FEATURES** 2 x 12" woofers. Sealed enclosure. 20Hz-50/125Hz variable frequency response. XLR connectors. Magnetically shielded. 150W continuous power handling per side.

**DIMENSIONS** 15-5/8" W x 20" D x 18-3/8" H. 78 lbs.

### MPS-150 SUR

**DESCRIPTION** Passive monitors.

**MSRP** \$1,250 pair/black, \$1,350 pair/white.

**FEATURES** 5.5" polypropylene woofer. 1" soft dome tweeter. Sealed enclosure. 100Hz-20kHz +/-3dB frequency response. Power not to exceed 200 undipped musical peaks. 4 ohms nominal impedance. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 6.5" W x 6.5" D x 9.5" H. 13 lbs.

### MPS-350 SUB

**DESCRIPTION** Powered subwoofer.

**MSRP** \$2000.

**FEATURES** 2 x 12" woofers. Sealed enclosure. 20Hz-50/125Hz variable frequency response. XLR and RCA connectors. Magnetically shielded. 350W continuous power handling per side.

**DIMENSIONS** 15-5/8" W x 20" D x 18-3/8" H. 90 lbs.

### MPS-5000 SUB

**DESCRIPTION** Powered subwoofer.

**MSRP** \$2950.

**FEATURES** 2 x 12" woofers. Sealed enclosure. 18Hz-50/125Hz variable +/-2dB frequency response. XLR and RCA connectors. Magnetically shielded. 400W continuous power handling per side.

**DIMENSIONS** 15-5/8" W x 26" D x 18-3/8" H. 120 lbs.

### NHT PRO

#### A-10

**DESCRIPTION** Powered monitors.

**MSRP** \$1,200.

**FEATURES** 6.5" paper cone woofer. 1" soft dome tweeter. Sealed mirror image enclosure. 48Hz-21kHz frequency response. 8 ohms nominal impedance. XLR connectors. Magnetically shielded. 150W amp/crossover continuous power handling per side.

**DIMENSIONS** 7" W x 10.3" D x 11.7" H. 11 lbs.

#### A-10

**DESCRIPTION** Powered monitors.

**MSRP** \$1,200.

**FEATURES** 6.5" paper cone woofer. 1" soft dome tweeter. Sealed mirror image enclosure. 48Hz-21kHz frequency response. 8 ohms nominal impedance. XLR connectors. Magnetically shielded. 150W crossover continuous power handling per side.

**DIMENSIONS** 7" W x 10.3" D x 11.7" H. 11 lbs.

#### A-20

**DESCRIPTION** Powered monitors.

**MSRP** \$2,000.

**FEATURES** 6.5" polypropylene woofer. 1" metal dome tweeter. Sealed mirror image enclosure. 42Hz-21kHz frequency response. 8 ohms nominal impedance. XLR connectors. 250 watt separate amp/crossover continuous power handling per side.

**DIMENSIONS** 7" W x 11.4" D x 14" H. 15 lbs.

#### M-00

**DESCRIPTION** Powered monitors.

**MSRP** \$700.

**FEATURES** 4.5" paper cone woofer. 1" soft dome tweeter. Sealed aluminum enclosure. 65Hz-21kHz +/-3dB frequency response. 8 ohms nominal impedance. XLR connectors. Magnetically shielded. 75W continuous power handling per side.

**DIMENSIONS** 5.5" W x 7" D x 9.5" H. 18 lbs.

### PARADIGM

#### Mini Monitor

**DESCRIPTION** Passive monitors.

**MSRP** \$339.

**FEATURES** 6-1/2" co-polymer/polypropylene cone woofer. 1" pure titanium dome tweeter. Rear bass port enclosure. 43Hz-20kHz +/-2dB frequency response. 80W continuous power handling per side. 8 ohms nominal impedance. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 8" W x 10-7/8" D x 13" H. 31 lbs.

#### Monitor 3

**DESCRIPTION** Passive monitors.

**MSRP** \$399.

**FEATURES** 8" co-polymer/polypropylene cone woofer. 1" pure titanium dome tweeter. Front bass port enclosure. 36Hz-20kHz +/-2dB frequency response. 100W continuous power handling per side. 8 ohms nominal impedance. Binding post (banana) connectors.

**DIMENSIONS** 9-1/4" W x 11-3/8" D x 20" H. 48 lbs.

**Active-450/LR**

**DESCRIPTION** Powered monitors.  
**MSRP** \$1,800.

**FEATURES** 2 x 6-1/2" bass midrange drivers. 1" pure aluminum dome tweeter. Rear bass port enclosure. 38Hz-22kHz +/-1dB frequency response. 1/4" and XLR connectors. Magnetically shielded. 110W RMS for bass midrange driver, 50W RMS for high driver continuous power handling per side.

**DIMENSIONS** 8" W x 11-1/2" D x 21" H. 88 lbs.

**Active/20**

**DESCRIPTION** Powered monitors.  
**MSRP** \$1,600.

**FEATURES** 6-1/2" mica-loaded polymer bass/midrange woofer. 1" pure aluminum dome tweeter. Rear bass port enclosure. 35Hz-22kHz +/-1dB frequency response. 1/4" and XLR connectors. 110W RMS for Bass/midrange driver, 50watts RMS for high frequency driver continuous power handling per side.

**DIMENSIONS** 8-1/4" W x 11" D x 14" H. 70 lbs.

**LCR-450**

**DESCRIPTION** Passive monitors.  
**MSRP** \$500.

**FEATURES** 2 x 6-1/2" mica-loaded polymer bass/midrange woofer. 1" pure aluminum dome tweeter. Sealed enclosure. 45Hz-22kHz +/-2dB frequency response. 130W continuous power handling per side. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 8" W x 11-1/2" D x 21" H. 56 lbs.

**Studio/20**

**DESCRIPTION** Passive monitors.  
**MSRP** \$650.

**FEATURES** 6-1/2" mica-loaded polymer bass/midrange driver. 1" pure aluminum dome tweeter. Rear bass port enclosure. 40Hz-22kHz +/-2dB frequency response. 100W continuous power handling per side. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 8-1/4" W x 11" D x 14" H. 40 lbs.

**PMC**

**TB15**

**DESCRIPTION** Passive monitors.  
**MSRP** \$920.

**FEATURES** 170mm doped-cast magnesium alloy woofer. 25mm aluminum alloy phase shield-ferrofluid tweeter. Transflex transmission line enclosure. 40Hz-25kHz frequency response. 150W continuous power handling per side. 8 ohms impedance. Binding post (banana) connectors.

**DIMENSIONS** 8" W x 12" D x 18" H. 18 lb., 10 oz.

**ROCK SOLID SOUNDS**

**S 100**

**DESCRIPTION** Computer speakers.  
**MSRP** \$200.

**FEATURES** 4" poly cone woofer. 1" soft dome tweeter. Bass reflex forward ported enclosure. 95Hz-20kHz +/-3dB frequency response. 10-100W continuous power handling per side. 8 ohm impedance. Push-clip connectors. Magnetically shielded.

**DIMENSIONS** 8.125" W x 3.5" D x 10.125" H. 3 lbs.

**SAMSON**

**DMS80 Desktop Monitor System**

**DESCRIPTION** Computer speakers.  
**MSRP** \$239.99.

**FEATURES** 5-1/4" 2-way full range woofer. Dome tweeter. 20Hz-20kHz frequency response. 1/4" connectors.

**SHS AUDIO**

**M-12**

**DESCRIPTION** Passive monitors.  
**MSRP** \$278.

**FEATURES** 12" Eminence woofer. 4" x 10" Powerline tweeter. Dual-tuned front port enclosure. 65Hz-20kHz frequency response. 150W continuous power handling per side. 8 ohms nominal impedance. 1/4" connectors.

**DIMENSIONS** 17" W x 22" D x 15" H. 34 lbs.

**MM-15**

**DESCRIPTION** Passive monitors.  
**MSRP** \$358.

**FEATURES** 15" Eminence woofer. 5" x 15" Powerline tweeter. Dual-tuned front port enclosure. 55Hz-20kHz frequency response. 200W continuous power handling per side. 8 ohms nominal impedance. 1/4" connectors.

**DIMENSIONS** 26" W x 18" D x 19" H. 48 lbs.

**SD-15**

**DESCRIPTION** Passive monitors.  
**MSRP** \$239.

**FEATURES** 15" Eminence woofer. 3" x 7" high frequency tweeter. Dual front-tuned enclosure. 60Hz-18kHz frequency response. 150W continuous power handling per side. 8 ohm nominal impedance. 1/4" connectors.

**DIMENSIONS** 19" W x 12" D x 24" H. 35 lbs.

**SHURE**

**PSM 600**

**DESCRIPTION** Passive monitors.  
**MSRP** \$1,590.

**FEATURES** In-ear enclosure. Stereo, wired, and wireless monitors. 20Hz-20kHz frequency response.

**TANNOY**

**PS110**

**DESCRIPTION** Powered monitors.  
**MSRP** \$499.

**FEATURES** 10" woofer. Front-ported enclosure. 30Hz-150Hz frequency response. XLR connectors. 100W continuous power handling per side.

**DIMENSIONS** 11.3" W x 17.6" D x 17.6" H. 33 lbs.

**PS115B**

**DESCRIPTION** Powered monitors.  
**MSRP** \$1,095.

**FEATURES** 15" woofer. Front-ported enclosure. 33Hz-130kHz frequency response. 105W continuous power handling per side. RCA connectors.

**DIMENSIONS** 20" W x 20" D x 18" H. 53 lbs.

**Reveal**

**DESCRIPTION** Passive monitors.  
**MSRP** \$399.

**FEATURES** 6-1/2" bi-laminate low frequency bass driver. 1" soft dome tweeter. Rear bass port enclosure. 65Hz-20kHz. 50W continuous power handling per side. 6 ohms nominal impedance. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 8.27" W x 10.24" D x 13.4" H. 15 lbs., 8 oz.

**System 600**

**DESCRIPTION** Passive monitors.  
**MSRP** \$695.

**FEATURES** 6" dual concentric woofer. Optimized bass reflex-loaded enclosure. 52Hz-20kHz frequency response. 80W continuous power handling per side. 8 ohms nominal impedance. Push-clip and binding post (banana) connectors.

**DIMENSIONS** 14.1" W x 10.5" D x 8.6" H. 16 lbs., 8 oz.

**System 600A**

**DESCRIPTION** Powered monitors.  
**MSRP** \$1,595.

**FEATURES** 6.5" Tannoy dual concentric woofer. 13 L bass reflex enclosure. 44Hz-20kHz free space setting. 52Hz-20kHz half space setting frequency response. 140W continuous power handling per side. 6 ohms nominal impedance. XLR and 1/4" combi connectors. Magnetically shielded.

**DIMENSIONS** 14.2" W x 11.5" D x 8.7" H. 21 lbs.

**System 800**

**DESCRIPTION** Passive monitors.  
**MSRP** \$995.

**FEATURES** 8" dual concentric woofer. Optimized bass reflex-loaded enclosure. 47Hz-20kHz frequency response. 90W continuous power handling per side. 8 ohms nominal impedance. Push-clip and binding post (banana) connectors.

**DIMENSIONS** 17.7" W x 10.5" D x 10.8" H. 23 lbs.

**System 800A**

**DESCRIPTION** Powered monitors.  
**MSRP** \$2,295.

**FEATURES** 8" Tannoy dual concentric woofer. 21 L bass reflex enclosure. 44Hz-21kHz frequency response. 180W continuous power handling per side. 6 ohms nominal impedance. XLR and 1/4" combi connectors. Magnetically shielded.

**DIMENSIONS** 15" W x 11.5" D x 11" H. 28 lbs., 10 oz.

**WESTLAKE AUDIO**

**BB10-SWP**

**DESCRIPTION** Passive monitors.

**MSRP** \$9,850.

**FEATURES** 18" woofer. Bass reflex enclosure. 26Hz-2000Hz. 200W continuous power handling per side. 8 ohms nominal impedance. Terminal block connectors.

**DIMENSIONS** 28.5" W x 23.5" D x 30" H. 275 lbs.

**BBSM**

**DESCRIPTION** Passive monitors.  
**MSRP** \$4,896.

**FEATURES** Dual 10" woofers. 1/4" tweeter. Bass reflex enclosure. 50Hz-18kHz frequency response. 120W continuous power handling per side. 4 ohms nominal, 2 ohms minimal impedance. Terminal block connectors.

**DIMENSIONS** 30" W x 16" D x 2.5" H. 150 lbs.

**BBSM-12**

**DESCRIPTION** Passive monitors.  
**MSRP** \$6,998.

**FEATURES** Dual 12" woofers. 1/4" tweeter. Bass reflex enclosure. 50Hz-18kHz frequency response. 120W continuous power handling per side. 4 ohms nominal, 2 ohms minimal impedance. Terminal block connectors.

**DIMENSIONS** 34" W x 19" D x 23" H. 220 lbs.

**BBSM-12**

**DESCRIPTION** Passive monitors.  
**MSRP** \$14,745.

**FEATURES** Dual 15" woofers. 1.0 compression horn. Bass reflex impedance. 38Hz-18kHz frequency response. 300W continuous power handling per side. 4 ohms nominal, 2 ohms minimal impedance. Terminal block connectors.

**DIMENSIONS** 41" W x 25" D x 27.25" H. 465 lbs.

**BBSM-4**

**DESCRIPTION** Passive monitors.  
**MSRP** \$2,250.

**FEATURES** Dual 4" woofer. 3/4" tweeter. Bass reflex enclosure. 65Hz-20kHz frequency response. 50W continuous power handling per side. 4 ohms nominal, 2 ohms minimal impedance. Screw terminal connectors.

**DIMENSIONS** 15" W x 8" D x 10" H. 31 lbs.

**BBSM-5**

**DESCRIPTION** Passive monitors.  
**MSRP** \$2,495.

**FEATURES** Dual 5" woofers. 1.25" tweeter. Bass reflex enclosure. 63Hz-20kHz. 60W continuous power handling per side. 4 ohms nominal, 2 ohms minimal impedance. Terminal block connectors.

**DIMENSIONS** 17" W x 15" D x 10" H. 42 lbs.

**BBSM-6**

**DESCRIPTION** Passive monitors.  
**MSRP** \$3,150.

**FEATURES** Dual 6.5" woofers. 1" tweeter. Bass reflex enclosure. 60Hz-20kHz frequency response. 60W continuous power handling per side. 4 ohms nominal, 2 ohms minimal impedance. Terminal block connectors.

**DIMENSIONS** 22" W x 10.5" D x 13" H. 67 lbs.

**BBSM-8**

**DESCRIPTION** Passive monitors.  
**MSRP** \$3,997.

**FEATURES** Dual 8" woofers. 1" tweeter. Bass reflex enclosure. 65Hz-18kHz frequency response. 100W continuous power handling per side. 4 ohms nominal, 2 ohms minimal impedance. Terminal block connectors.

**DIMENSIONS** 26" W x 13" D x 16.5" H. 105 lbs.

**HR-1**

**DESCRIPTION** Passive monitors.  
**MSRP** \$27,238.

**FEATURES** Dual 15" and 10" mid-bass woofers. 1" compression horn. Bass reflex enclosure. 34Hz-18kHz frequency response. 300W continuous power handling per side. 4 ohms nominal, 2 ohms minimal impedance. Terminal block connectors.

**DIMENSIONS** 44" W x 21" D x 31" H. 365 lbs.

**LC 265.1 Center Channel**

**DESCRIPTION** Passive monitors.  
**MSRP** \$1,347.

**FEATURES** Dual 6.5" woofers. 1" tweeter. Bass reflex enclosure. 48Hz-18kHz. 95W continuous power handling per side. 5 ohms nominal,

3 ohms minimal impedance. Binding post (banana) connectors. Magnetically shielded.

**DIMENSIONS** 22" W x 11" D x 8.5" H. 42 lbs.

### LC 6.75

**DESCRIPTION** Passive monitors.

**MSRP** \$1,199.

**FEATURES** 6.5" woofer. 3/4" tweeter. Bass reflex enclosure. 60Hz-18kHz. 80W continuous power handling per side. 7 ohms nominal, 5 ohms minimal impedance. Binding post (banana) connectors.

**DIMENSIONS** 8" W x 10.37" D x 16" H. 21lbs., 8 oz.

### LC 8.1

**DESCRIPTION** Passive monitors.

**MSRP** \$1,499.

**FEATURES** 8" woofer. 1" tweeter. Bass reflex enclosure. 55Hz-18kHz frequency response. 85W continuous power handling per side. 7 ohms nominal, 5 ohms minimal impedance. Binding post (banana) connectors.

**DIMENSIONS** 10" W x 11.625" D x 18" H. 31 lbs.

### LC 8.1 SW

**DESCRIPTION** Powered subwoofer.

**MSRP** \$4,250.

**FEATURES** Dual 10" woofers. Bass reflex enclosure. 36Hz-2Hz. 160W continuous power handling per side. 5 ohms nominal, 2.5 ohms minimal impedance. Binding post (banana) connectors.

**DIMENSIONS** 13.78" W x 14.75" D x 28.17" H. 105 lbs.

### LC3W10

**DESCRIPTION** Passive monitors.

**MSRP** \$2,759.

**FEATURES** 10" woofer. 1" tweeter. Bass reflex enclosure. 42Hz-20kHz. 80W continuous power handling per side. 5 ohms nominal, 3 ohms minimal impedance. Binding post (banana) connectors.

**DIMENSIONS** 21.5" W x 13.25" D x 12.25" H. 69 lbs.

### LC3W12

**DESCRIPTION** Passive monitors.

**MSRP** \$3,399.

**FEATURES** 12" woofer. 1" tweeter. Bass reflex enclosure. 38Hz-20kHz frequency response. 100W continuous power handling per side. 5 ohms nominal, 3 ohms minimal impedance. Binding post (banana) connectors.

**DIMENSIONS** 25" W x 15" D x 15.5" H. 107 lbs.

### TM-3

**DESCRIPTION** Passive monitors.

**MSRP** \$22,948.

**FEATURES** Dual 18" woofers. 1.0 compression horn. Bass reflex enclosure. 34Hz-18kHz frequency response. 300W continuous power handling per side. 4 ohms nominal, 2 ohms minimal impedance. Terminal block connectors.

**DIMENSIONS** 44" W x 21" D x 34" H. 370 lbs.

### SM-1

**DESCRIPTION** Passive monitors.

**MSRP** \$58,953.

**FEATURES** Dual 18" and 12" mid-bass woofers. 1" compression horn and 1/2" super tweeter. Bass reflex enclosure. 20Hz-20kHz frequency response. 400W continuous power handling per side. 4 ohms nominal, 2 ohms minimal impedance. Terminal block connectors.

**DIMENSIONS** 51" W x 33" D x 40" H. 600 lbs.

## YORKVILLE

### YSM-1

**DESCRIPTION** Passive monitors.

**MSRP** \$280.

**FEATURES** 6.5" woofer. 1" dome tweeter. Forward-ported enclosure. 40Hz-20kHz frequency response. 70W continuous power handling per side. 6 ohms nominal impedance. Binding post (banana) connectors.

**DIMENSIONS** 10" W x 9" D x 25.75" H. 45 lbs.

# Microphones

See chart on page 136.

## AKG ACOUSTICS

### C1000S

**FEATURES** Impedance: 200 ohms. SPL: .5% THD: 137dB. 9-52V phantom power required. Frequency response: 50Hz-20kHz. Response controls include PB1000. Incorporates new snap on PB1000 presence boost adapter.

**APPLICATIONS** Studio and live.

### C12VR

**FEATURES** Impedance: 200 ohms. SPL: 0.5% THD 128dB. Outboard power supply required. Frequency response: 30Hz-20kHz. Response controls include pad and filters. Mic cable included. Carry case, universal power supply, shock mount, windscreen and cabling.

**APPLICATIONS** Studio.

### C3000

**FEATURES** Impedance: 200 ohms. SPL: .5% THD 137dB. 9-52V phantom power required. Frequency response: 20Hz-20kHz. Response controls include pad and filters.

**APPLICATIONS** Studio and live.

### C411

**FEATURES** Impedance: < or equal to 200 ohms. SPL: 1% THD - 96dB. 9-52V phantom power required. Frequency response: 10Hz-18kHz.

**APPLICATIONS** Studio and live - acoustic string instruments.

### C414B ULS

**FEATURES** Impedance: 180 ohms. SPL: 0.5% THD - 140db. 9-52V phantom power required. Frequency response: 20Hz-20kHz. Response controls include pad and filters.

**APPLICATIONS** Studio and live.

### C414B/TLII Vintage TL

**FEATURES** Impedance: 180 ohms. SPL: 0.5% THD - 140db. 9-52V phantom power required. Frequency response: 10Hz-20kHz. Response controls include pad and filters.

**APPLICATIONS** Studio and live.

### C416

**FEATURES** Impedance: < or equal to 200 ohms. SPL: 1% THD - 121dB. 9-52V phantom power required. Frequency response: 20Hz-20kHz.

**APPLICATIONS** Live and studio.

### C418

**FEATURES** Impedance: < or equal to 200 ohms. SPL: 1% THD - 131dB. 9-52V phantom power required. Frequency response: 50Hz-20kHz.

**APPLICATIONS** Live and studio - drum and percussion.

### C419

**FEATURES** Impedance: < or [equal] to 200 ohms. SPL: 1% THD - 126dB. 9-52V phantom power required. Frequency response: 20Hz-17kHz.

**APPLICATIONS** Live and Studio - wind instruments and percussion.

### C420

**FEATURES** Impedance: < or equal to 200 ohms. SPL: 1% THD - 126dB. 9-52V phantom power required. Frequency response: 20Hz-20kHz.

**APPLICATIONS** Live - vocals.

### C426B

**FEATURES** Impedance: 200 ohms. SPL: 0.5% THD - 132db. 9-52V phantom power required. Frequency response: 20Hz-20kHz. Response controls include pad and filters. Mic cable included. Carry case, universal power supply, shock mount, windscreen and cabling.

**APPLICATIONS** Single-point stereo recording.

### C335B

**FEATURES** Impedance: 200 ohms. SPL: 1% THD 137dB. 9-52V phantom power required. Frequency response: 20Hz-20kHz. Response controls include pad and filters.

**APPLICATIONS** Studio and live.

### D112

**FEATURES** Impedance: 210 ohms. SPL: 168dB. Frequency response: 20Hz-17kHz. Includes stand adapter.

**APPLICATIONS** Live and studio - kick drum, bass cabinets, and horns.

### D3800

**FEATURES** Impedance: 600 ohms. SPL: 3% THD - 156dB. Frequency response: 40Hz-21kHz. Includes stand adapter.

**APPLICATIONS** Live - vocals.

### D770

**FEATURES** Impedance: < or equal to 600 ohms. SPL: 1% THD - 147dB. Frequency response: 60Hz-20kHz. Includes vinyl carrying case and stand adapter.

**APPLICATIONS** Live - instruments/vocals.

### D880

**FEATURES** Impedance: < or [equal] to 600 ohms. SPL: 1% THD - 147dB. Frequency response: 60Hz-20kHz. Includes vinyl carrying case and stand adapter.

**APPLICATIONS** Live - vocals.

### Solidtube

**FEATURES** Impedance: 200 ohms +/- 25%. SPL: 145dB at 3% THD (PAD). Solidtube outboard power supply required. Frequency response: 20Hz-20kHz. Response controls include pad and filters. Mic cable included. Universal power supply with all connecting cables, carry case, elastic shock mount, and windscreen.

**APPLICATIONS** Studio.

## AUDIO ENGINEERING ASSOCIATES

### AEA R44 C

**FEATURES** The AEA R44 C is our update of the classic RCA 44BX bi-directional microphone. The ribbon is made from New Old Stock RCA material. Standard finish will be black and bright chrome.

### AEA R44 S

**FEATURES** Internal shock mounted Rycote clip allows modern microphones to be hidden inside. A 2 meter cable connects the internal mic to the outside world. It is available in the standard range of RCA finishes. The R44 S parts will interchange with original parts for repair and restoration projects.

## AUDIO-TECHNICA

### AT 3525

**FEATURES** Impedance: 100 ohms. SPL: 146dB. 48v phantom power required. Frequency response: 30-20,000Hz. Response controls include pad and filters. Includes shock mount.

**APPLICATIONS** Vocals, instruments.

### AT 3527

**FEATURES** Impedance: 100 ohms. SPL: 148dB. 48v phantom power required. Response controls include pad and filters.

**APPLICATIONS** Instruments, vocals.

### AT 3528

**FEATURES** Impedance: 100 ohms. SPL: 147dB. 48v phantom power required. Frequency response: 30-20,000Hz. Response controls include pad and filters.

**APPLICATIONS** Instruments, vocals.

### AT 4034

**FEATURES** 48v phantom power required. Frequency response: 60-20,000Hz. Hand-held large diaphragm design and low frequency roll-off.

**APPLICATIONS** Vocals, instruments.

### AT 4035

**FEATURES** 48v phantom power required. Frequency response: 20Hz-20kHz.

**APPLICATIONS** Vocals, instruments.

### AT4060

**FEATURES** Impedance: 200 ohms. SPL: 150dB. 120v/230v AC power required. Frequency response: 20Hz-20kHz. Mic cable included. Includes power module and shock mount.

**APPLICATIONS** Vocals, instruments.

### ATM 87R

**FEATURES** Impedance: 100 ohms. SPL: 151dB. 48v DC phantom power required. Frequency response: 30-20,000Hz.

### ATM27HE

**FEATURES** Impedance: 200 ohms. Frequency response: 50-15,000Hz.

**APPLICATIONS** Vocals.

### ATM61HE

**FEATURES** Impedance: 600 ohms. Frequency response: 50-18,000Hz.  
**APPLICATIONS** Vocals.

**ATM89R**

**FEATURES** Impedance: 100 ohms. SPL: 138dB. 48vDC power required. Frequency response: 70-20,000Hz. Accepts optional interchangeable elements (cardioid, omni, subcardioid).

**AT4033a/sm**

**FEATURES** Impedance: 100 ohms. SPL: 145dB. 48v phantom power required. Frequency response: 30Hz-20kHz. Response controls include pad and filters. Includes shock mount.  
**APPLICATIONS** Vocals, instruments.

**AT4041**

**FEATURES** Impedance: 100 ohms. SPL: 145dB. 48v phantom power required. Frequency response: 20Hz-20kHz.

**AT4050/CM5**

**FEATURES** Impedance: 100 ohms. SPL: 148dB. 48 volt phantom power required. Frequency response: 20Hz-20kHz. Response controls include pad and 80Hz Hi-pass. Includes shock mount.  
**APPLICATIONS** Vocal/instruments.

**BENSON AUDIO LABS**

**B2**

**FEATURES** Impedance: 250 ohms. SPL: 140dB. 9-52v DC power required. Frequency response: 40Hz-20kHz. Mic cable included. Remote Pre-Amp/DC converter module. Gold-plated XLR connector. Built-in rubber isolation pad.

**APPLICATIONS** Bass drum, piano, theatrical stages, conference tables, pulpits or podiums.

**BA25**

**FEATURES** Impedance: 500 ohms. SPL: 145dB. No power required. Frequency response: 50Hz-15kHz. Gold-plated XLR.

**APPLICATIONS** Vocals, instruments.

**BA30**

**FEATURES** Impedance: 500 ohms. SPL: 145dB. None power required. Frequency response: 50Hz-15kHz. Internal shock mount system. Gold-plated XLR connector. GripClip flexible microphone stand adapter.

**APPLICATIONS** Amps, drums, horns, piano, vocals.

**DM30**

**FEATURES** Impedance: 600 ohms. SPL: 145dB. Frequency response: 40Hz-18kHz. Mesh windscreen. Built-in mic stand adapter.

**APPLICATIONS** Drums and percussion, bass guitar amps, vocals or dialogue.

**HM10**

**FEATURES** Impedance: 250 ohms. SPL: 135dB. 9-52v DC power required. Frequency response: 80Hz-15kHz. Response controls include filters. Mic cable included. Gold-plated XLR connector.

**APPLICATIONS** Vocals.

**ND80**

**FEATURES** Impedance: 250 ohms. SPL: 145dB. None power required. Frequency response: 50Hz-18kHz. Internal shock mount system. Gold-plated XLR connector. Flexible microphone stand adapter.

**APPLICATIONS** Amps, drums, horns, vocals.

**ND90**

**FEATURES** Impedance: 250 ohms. SPL: 145dB. None power required. Frequency response: 50Hz-18kHz. Internal shock mount system. Gold-plated XLR connector. Flexible microphone stand adapter.

**APPLICATIONS** Vocals.

**PC20 Series Microphones**

**FEATURES** Impedance: 250 ohms. SPL: 140dB. 48V DC power required. Frequency response: 20Hz to 20kHz (+2dB). Response controls include filters. Gold-plated XLR connector. Direct coupled transformerless design. Switchable HPF at 80Hz, 6dB per octave.

**APPLICATIONS** Studio or live recording.

**Pro37R**

**FEATURES** Impedance: 200 ohms. SPL: 141dB. 9-52v DC phantom power required. Frequency response: 30-15,000Hz.

**RC22**

**FEATURES** Impedance: 250 ohms. SPL: 140dB. 9-52v DC power required. Frequency response: 40Hz-20kHz. Removable steel mesh windscreen. Internal rubber shockmount. Gold-plated XLR connector.

**APPLICATIONS** Live sound reinforcement or in-field recording.

**BEYERDYNAMIC**

**M-130**

**FEATURES** Standard clip mounting.

**M-160**

**FEATURES** Clip mounting.

**M201TG**

**FEATURES** Impedance: 200 ohms. SPL: 120dB. Frequency response: 40Hz-18kHz.

**APPLICATIONS** Acoustic guitar, electric guitar cabinet, drums, horns, etc.

**M420TG**

**FEATURES** Impedance: 200 ohms. SPL: 120dB. Frequency response: 100Hz-15kHz.

**APPLICATIONS** Rack toms, floor toms, snare, mid-sized drums, acoustic guitars, violin.

**M422TG**

**FEATURES** Impedance: 200 ohms. SPL: 120dB. Frequency response: 100Hz-12kHz.

**APPLICATIONS** Snare, hi-hats, cymbals, small-size drums.

**M69TG**

**FEATURES** Impedance: 200 ohms. SPL: 116dB. Frequency response: 50Hz-16kHz.

**APPLICATIONS** Voice, guitar cabinet, drums.

**M88TG**

**FEATURES** Impedance: 200 ohms. SPL: 120dB. Frequency response: 30Hz-30kHz.

**APPLICATIONS** High SPL instruments, voice, studio or stage.

**MC-740**

**FEATURES** SPL: 144dB. Standard clip and suspended version mounting.

**MC-742**

**FEATURES** SPL: 134dB. No power required. MKV-11 mic clamp mounting.

**MC-834**

**FEATURES** Impedance: 180 ohms. SPL: 130dB. Transformerless, side address.

**MCD100**

**FEATURES** Impedance: N/A. SPL: 150dB. DPP (Digital Phantom Power) power required. Frequency response: 20Hz-20kHz. Response controls include pad, filters, and sample rate. Built-in optimized A/D converter coupled to an external DPP supply for AES/EBU output from the microphone.

**MCE 93/94**

**FEATURES** Impedance: 190 ohms. SPL: 139dB. 8-48v DC power required. Frequency response: 30Hz-20kHz. MCE94 includes AA battery operation as well as phantom power.

**APPLICATIONS** Studio and live.

**MCE-82**

**FEATURES** Impedance: 200 ohms. SPL: 138dB. 8-48v DC power required. Frequency response: 50Hz-20kHz. Response controls include pad, filters, and On/Off/BC.

**MCE-90**

**FEATURES** Impedance: 190 ohms. SPL: 154dB. 8-48v DC power required. Frequency response: 30Hz-20kHz. Response controls include pad and filters.

**MCE-91**

**FEATURES** Impedance: 190 ohms. SPL: 139dB. 8-48v DC power required. Frequency response: 30Hz-20kHz. Response controls include pad and filters.

**MO-1**

**FEATURES** Impedance: 600 ohms. SPL: 110dB. Frequency response: 50Hz-15kHz.

**APPLICATIONS** Stage vocals.

**TGX-5**

**FEATURES** Impedance: 200 ohms. SPL: 120dB. Frequency response: 40Hz-12kHz.

**APPLICATIONS** Drums, horns.

**TGX-10**

**FEATURES** Impedance: 300 ohms. SPL: 130dB. Frequency response: 50Hz-15kHz. Comes with LP claw/ or as separate piece.

**APPLICATIONS** Snare, rack toms, floor toms, overhead.

**TGX-20**

**FEATURES** Impedance: 290 ohms. SPL: 130dB. Frequency response: 45Hz to 16kHz.

**APPLICATIONS** Close vocal.

**TGX-40**

**FEATURES** Impedance: 290 ohms. SPL: 130dB. Frequency response: 35Hz-16kHz.

**TGX-50**

**FEATURES** Impedance: 280 ohms. SPL: 130dB.

**APPLICATIONS** Bass drum, voice-over, bass guitar cabinet, acoustic bass, trombone, tuba.

**TGX-60**

**FEATURES** Impedance: 290 ohms. SPL: 130dB. Frequency response: 40Hz-18kHz.

**APPLICATIONS** Stage vocals.

**TGX-80**

**FEATURES** Impedance: 280 ohms. SPL: 130dB. Frequency response: 30Hz-18kHz.

**APPLICATIONS** Stage vocals and instruments.

**BPM MICROPHONES**

**CR10**

**FEATURES** Impedance: 300 ohms. SPL: 136dB. Phantom power required. Frequency response: 20-20,000Hz. Response controls include pad and filters. Mic cable included. Features: roadcase with shockmount, windscreen, and XLR cable.

**CR73**

**FEATURES** Impedance: 200 ohms. SPL: 138dB. Phantom power required. Frequency response: 20-20,000Hz. Response controls include pad and filters. Mic cable included. Features: roadcase, shockmount, windscreen, and XLR cable.

**APPLICATIONS** Vocals, overheads, close micing for instruments/brass.

**CR95**

**FEATURES** Impedance: 200 ohms. SPL: 148dB. Phantom power required. Frequency response: 20-20,000Hz. Response controls include pad and filters. Features: roadcase, shockmount, windscreen, and XLR cable.

**TB95**

**FEATURES** Impedance: 200 ohms. SPL: 138dB. Self-contained power supply. Frequency response: 20-20,000Hz. Response controls include pad and filters. Features: roadcase, shockmount, windscreen, and XLR cable.

**COLES**

**4038**

**FEATURES** Impedance: 300 ohms. No power required. Frequency response: 30Hz-15,000Hz.

**CROWN**

**CM-10 / CM-10E**

**FEATURES** Impedance: 150 ohms. SPL: 120 SPL. 12-48v power required (CM-10E powered by wireless transmitter). Frequency response: 60Hz-15kHz. Mic cable included.

**CM-150**

**FEATURES** Impedance: 150 ohms. SPL: 127 SPL. 18 - 48 volt phantom power power required. Frequency response: 20Hz-20kHz.

**CM-200A / CM-200ASW**

**FEATURES** Impedance: 150 ohms. SPL: 151 SPL. 12-48v phantom power required. Frequency response: 80Hz-15kHz. Silent on/off switch version available (CM-200ASW).

**CM-30**

**FEATURES** Impedance: 150 ohms. SPL: 120 SPL. 12-48v phantom power required. Frequency response: 40Hz-20kHz. Mic cable included.

**CM-30**

**FEATURES** Impedance: 150 ohms. SPL: 120 SPL. 12-48v phantom power required. Frequency response: 40Hz-20kHz. Mic cable included.

# Vital Stats: Microphones

See listings on page 134

MODEL	TYPE	POLAR PATTERNS	MSRP
<b>AKG C1000S</b>	Small diaphragm condenser mic.	Cardioid and Hypercardioid w/PPC1000.	\$274
<b>AKG C12VR</b>	Large diaphragm condenser mic. Tube circuitry.	Cardioid, Omni, and Figure Eight.	\$4,737
<b>AKG C3000</b>	Large diaphragm condenser mic.	Cardioid and Hyper-cardioid.	\$438
<b>AKG C411</b>	Vibration pickup.	Vibration pickup.	\$232
<b>AKG C414B ULS</b>	Large diaphragm condenser mic.	Cardioid, Hyper-cardioid, Omni-directional, and Figure-8.	\$1,285
<b>AKG C414B/TLII Vintage TL</b>	Large diaphragm condenser mic.	Cardioid, Hyper-cardioid, Omni-directional, and Figure-8.	\$1,751
<b>AKG C416</b>	Small diaphragm condenser mic. Clip-on microphone.	Hyper-cardioid.	\$308
<b>AKG C418</b>	Small diaphragm condenser mic. Clip-on microphone.	Hyper-cardioid.	\$308
<b>AKG C419</b>	Small diaphragm condenser mic. Clip-on microphone.	Hyper-cardioid.	\$308
<b>AKG C420</b>	Small diaphragm condenser mic. Headset microphone.	Cardioid.	\$334
<b>AKG C426B</b>	Large diaphragm condenser mic. Stereo.	Cardioid, Omni, Figure-8, and 6 intermediate positions.	\$4,858
<b>AKG C535EB</b>	Small diaphragm condenser mic.	Cardioid.	\$322
<b>AKG D112</b>	Large diaphragm dynamic mic.	Cardioid.	\$382
<b>AKG D3800</b>	Dynamic.	Hyper-cardioid.	\$256
<b>AKG D770</b>	Dynamic.	Cardioid.	\$124.80
<b>AKG D880</b>	Dynamic.	Supercardioid.	\$138
<b>AKG Solidtube</b>	Large diaphragm condenser mic. Tube circuitry.	Cardioid.	\$1,500
<b>AEA R44 C</b>	Ribbon.	Bi-directional.	\$895
<b>AEA R44 S</b>	Ribbon.	Bi-directional.	\$695
<b>Audio-Technica AT 3525</b>	Condenser.	Cardioid.	\$399
<b>Audio-Technica AT 3527</b>	Condenser.	Omni.	\$299
<b>Audio-Technica AT 3528</b>	Condenser.	Cardioid.	\$299
<b>Audio-Technica 4034</b>	Large diaphragm condenser mic.	Cardioid.	\$499
<b>Audio-Technica 4055</b>	Large diaphragm condenser mic.	Cardioid.	\$499
<b>Audio-Technica AT4060</b>	Large diaphragm condenser mic. Tube circuitry.	Cardioid.	\$1,695
<b>Audio-Technica ATM 87R</b>	Small diaphragm condenser mic.	Uni-directional.	\$299
<b>Audio-Technica ATM27HE</b>	Small diaphragm condenser mic.	Hyper-cardioid.	\$165
<b>Audio-Technica ATM61HE</b>	Small diaphragm condenser mic.	Hyper-cardioid.	\$270
<b>Audio-Technica ATM89R</b>	Small diaphragm condenser mic.	Hyper-cardioid.	\$325
<b>Audio-Technica AT4033a/sm</b>	Small diaphragm condenser mic.	Cardioid.	\$725
<b>Audio-Technica AT4041</b>	Small diaphragm condenser mic.	Cardioid.	\$395
<b>Audio-Technica AT4050/CM5</b>	Large diaphragm condenser mic.	Omni, Cardioid, Figure 8.	\$995
<b>Audio-Technica Pro37R</b>	Small diaphragm condenser mic.	Cardioid.	\$175
<b>Benson Audio B2</b>	Small diaphragm condenser mic.	Cardioid.	\$259.90
<b>Benson Audio BA25</b>	Mid diaphragm dynamic mic.	Cardioid.	\$149.90
<b>Benson Audio BA30</b>	Mid diaphragm dynamic mic.	Cardioid.	\$169.90
<b>Benson Audio DM30</b>	Mid diaphragm dynamic mic.	Hyper-cardioid.	\$399.90
<b>Benson Audio HM10</b>	Small diaphragm condenser mic. Headset-style.	Cardioid.	\$299.90
<b>Benson Audio ND80</b>	Mid diaphragm dynamic mic.	Hyper-cardioid.	\$349.90
<b>Benson Audio ND90</b>	Mid diaphragm dynamic mic.	Hyper-cardioid.	\$349.90
<b>Benson Audio PC20 Series</b>	Small diaphragm condenser mic.	Cardioid, (Hyper-cardioid and Omni-capsules are available).	\$999.90
<b>Benson Audio RC22</b>	Small diaphragm condenser mic.	Cardioid.	\$299.90
<b>Beyerdynamic M-130</b>	Ribbon.	Figure-8.	\$699
<b>Beyerdynamic M-160</b>	Ribbon.	Hyper-cardioid.	\$699

MODEL	TYPE	POLAR PATTERNS	MSRP
<b>Beyerdynamic M201TG</b>	Mid diaphragm dynamic mic.	Hyper-cardioid.	\$289
<b>Beyerdynamic M420TG</b>	Mid diaphragm dynamic mic.	Hyper-cardioid.	\$299
<b>Beyerdynamic M422TG</b>	Mid diaphragm dynamic mic.	Cardioid.	\$199
<b>Beyerdynamic M69TG</b>	Mid diaphragm dynamic mic.	Hyper-cardioid.	\$259
<b>Beyerdynamic M88TG</b>	Large diaphragm dynamic mic.	Hyper-cardioid.	\$399
<b>Beyerdynamic MC-740</b>	Large diaphragm mic.	5 selectable.	\$1,699
<b>Beyerdynamic MC-742</b>	Stereo.	5 selectable.	\$3,399
<b>Beyerdynamic MC-834</b>	Large diaphragm mic.	Cardioid.	\$999
<b>Beyerdynamic MCD100</b>	Large diaphragm mic. Digital.	Cardioid.	\$2,500
<b>Beyerdynamic MCE 93/94</b>	Small diaphragm condenser mic.	Cardioid.	\$599 (MCE93) \$639 (MCE94)
<b>Beyerdynamic MCE-82</b>	Stereo.	Cardioid.	\$799
<b>Beyerdynamic MCE90</b>	Large diaphragm condenser mic.	Cardioid.	\$649
<b>Beyerdynamic MCE91</b>	Mid diaphragm condenser mic.	Cardioid.	\$649
<b>Beyerdynamic MO-1</b>	Mid diaphragm dynamic mic.	Supercardioid.	\$99
<b>Beyerdynamic TGX-5</b>	Small diaphragm dynamic mic.	Cardioid.	\$149
<b>Beyerdynamic TGX-10</b>	Small diaphragm dynamic mic.	Supercardioid.	\$279
<b>Beyerdynamic TGX-20</b>	Mid diaphragm dynamic mic.	Hyper-cardioid.	\$259
<b>Beyerdynamic TGX-40</b>	Mid diaphragm dynamic mic.	Hyper-cardioid.	\$329
<b>Beyerdynamic TGX-50</b>	Mid diaphragm dynamic mic.	Hyper-cardioid.	\$249
<b>Beyerdynamic TGX-60</b>	Mid diaphragm dynamic mic.	Hyper-cardioid.	\$399
<b>Beyerdynamic TGX-80</b>	Mid diaphragm dynamic mic.	Hyper-cardioid.	\$469
<b>BPM CR10</b>	Large diaphragm condenser mic.	Cardioid.	\$599.99
<b>BPM CR73</b>	Large diaphragm condenser mic.	Cardioid, Figure-8.	\$1,099
<b>BPM CR95</b>	Large diaphragm condenser mic.	Cardioid, Omni, Figure-8.	\$1,299
<b>BPM TB95</b>	Large diaphragm condenser mic. Tube circuitry.	Cardioid, Figure-8.	\$1,999
<b>Coles 4038</b>	Ribbon.	Bi-directional.	\$1,195
<b>Crown CM-10 / CM-10E</b>	Small diaphragm condenser mic. Lavalier.	Omni-directional.	\$149/ \$98
<b>Crown CM-150</b>	Mid diaphragm condenser mic.	Omni-directional.	\$795
<b>Crown CM-200A / CM-200ASW</b>	Mid diaphragm condenser mic. Handheld.	Cardioid.	\$239 / \$259
<b>Crown CM-30</b>	Small diaphragm condenser mic. Hanging choir.	Supercardioid.	\$229
<b>Crown CM-30</b>	Small diaphragm condenser mic. Hanging choir.	Supercardioid.	\$229
<b>Crown CM-31</b>	Small diaphragm condenser mic. Hanging choir.	Supercardioid.	\$229
<b>Crown CM-310A / CM-310ASW</b>	Mid diaphragm condenser mic. Handheld.	Differoid.	\$269 / \$289
<b>Crown CM-311A / CM-311AE</b>	Mid diaphragm condenser mic. Headset-style.	Differoid.	\$299/ \$209
<b>Crown CM-312A / CM-312AE</b>	Small diaphragm condenser mic. Headset-style.	Hyper-cardioid.	\$279 / \$189
<b>Crown CM-700</b>	Mid diaphragm condenser mic.	Cardioid.	\$289
<b>Crown GLM-100 / GLM-100E</b>	Small diaphragm condenser mic. Lavalier.	Omni-directional.	\$209 / \$105
<b>Crown GLM-200</b>	Small diaphragm condenser mic. Lavalier.	Hyper-cardioid.	\$239
<b>Crown PCC-160</b>	Small diaphragm boundary mic.	Cardioid.	\$309
<b>Crown PZM-185</b>	Small diaphragm boundary mic.	Hemispherical.	\$199
<b>Crown PZM-30D</b>	Small diaphragm boundary mic.	Hemispherical.	\$369
<b>Crown PZM-6D</b>	Small diaphragm boundary mic.	Hemispherical.	\$369
<b>Crown SASS-P MKII</b>	Small diaphragm condenser mic. Stereo	Omni-directional (LF) / Uni-directional (HF).	\$950
<b>Crown Sound Grabber II</b>	Small diaphragm boundary mic.	Hemispherical.	\$99
<b>DPA 4003/4006</b>	Condenser.	Omni-directional.	\$2040 (4003)/\$2060 (4006)

MODEL	TYPE	POLAR PATTERNS	MSRP
DPA 4004/4007	Condenser.	Omni-directional.	\$2,040 (4004) \$2060 (4007)
DPA 4011/4012	Condenser.	1st order cardioid.	\$2,190
DPA 4060	Condenser.	Omni-directional.	\$430
DPA 4065	Headset.	Omni-directional.	\$599
Electro-Voice N/D168	Dynamic.	Cardioid.	\$182
Electro-Voice N/D257	Mid diaphragm dynamic mic.	Cardioid.	\$140 (\$150 with switch)
Electro-Voice N/D468	Mid diaphragm dynamic mic.	Supercardioid.	\$232
Electro-Voice N/D767	Mid diaphragm dynamic mic.	Supercardioid.	\$242
Electro-Voice N/D868	Mid diaphragm dynamic mic.	Cardioid.	\$282
Electro-Voice N/D967	Mid diaphragm dynamic mic.	Supercardioid.	\$282
Electro-Voice ND/367 Female Vocal Mic	Mid diaphragm dynamic mic.	Cardioid.	\$199
Electro-Voice RE1000	Mid diaphragm condenser mic.	Super-cardioid.	\$774
Electro-Voice RE20	Mid diaphragm dynamic mic.	Cardioid.	\$655
Electro-Voice RE200	Mid diaphragm condenser mic.	Cardioid.	\$310
Electro-Voice RE2000	Mid diaphragm condenser mic.	Cardioid.	\$2,042
Electro-Voice Re27N/D	Dynamic.	Cardioid.	\$732
Electro-Voice RE38N/D	Dynamic.	Cardioid.	\$582
Electro-Voice RE500	Mid diaphragm condenser mic.	Cardioid.	\$375
Event Electronics Røde Classic Valve Mic	Large diaphragm condenser mic. Tube circuitry.	9 patterns.	\$1,999
Event Electronics Røde NT1	Large diaphragm condenser mic.	Cardioid.	\$349
Event Electronics Røde NT2	Large diaphragm condenser mic.	Omni-directional and Cardioid.	\$749
GT Electronics AM51	Large diaphragm mic.	Cardioid.	\$549
GT Electronics AM52	Large diaphragm condenser mic.	Cardioid, Omni-directional, Figure-8.	\$699
GT Electronics AM61	Large diaphragm condenser mic. Tube circuitry.	Cardioid.	\$999
GT Electronics AM62	Large diaphragm condenser mic. Tube circuitry.	Cardioid, Super-Cardioid, Omni-directional, Figure-8.	\$1,299
Manley Langevin CR-3A	Large diaphragm condenser mic. FET.	Cardioid.	\$800
Manley Reference Cardioid Microphone	Large diaphragm condenser mic. Tube circuitry.	Cardioid.	\$3,000
Manley Reference Gold Microphone	Large diaphragm condenser mic. Tube circuitry.	Cardioid, Omni-directional, Figure-8.	\$5,500
Manley Reference Stereo Gold Microphone	Large diaphragm condenser mic. Tube circuitry. Stereo.	Cardioid, Omni-directional, Figure-8.	\$8,000
Neumann KM 184	Small diaphragm condenser mic.	Cardioid.	\$699
Neumann M147 Tube	Tube circuitry.	Cardioid.	\$TBA
Neumann M149 Tube	Large diaphragm condenser mic. Tube circuitry.	Omni-directional, Wide-cardioid, Cardioid, Hyper-cardioid, Figure-8.	\$4,750
Neumann TLM 103	Large diaphragm condenser mic.	Cardioid.	\$995
Neumann TLM193	Large diaphragm condenser mic.	Cardioid.	\$1,495
Neumann u87AI	Large diaphragm condenser mic.	Omni-directional, Cardioid, Figure-8.	\$2,725
Roland DR-10	Dynamic.	Hyper-cardioid.	\$95
Roland DR-20	Dynamic.	Hyper-cardioid.	\$150
Samson Q2 Vocal/Instrument Microphone	Small diaphragm.	Cardioid polar pattern.	\$149.99
Samson Q3 Drum Microphone	Small diaphragm.	Hyper-cardioid.	\$224.99
Samson Qmic Hypercardioid	Small diaphragm.	Hyper-cardioid.	\$199.99
Samson R11	Small diaphragm.	Hyper-cardioid.	\$199.99
Samson S11	Small diaphragm.	Uni-directional Cardioid.	\$99.99
Samson S12	Small diaphragm.	Hyper-cardioid.	\$149.99
Sennheiser E 602		Cardioid.	\$319

MODEL	TYPE	POLAR PATTERNS	MSRP
Sennheiser E604		Cardioid.	\$249
Sennheiser E835		Cardioid.	\$139
Sennheiser MC 67/K6			\$660
Sennheiser MD 421 11	Large diaphragm dynamic mic.	Cardioid.	\$485
Sennheiser MD 425	Dynamic.	Super-cardioid.	\$349
Sennheiser MD 431 11	Dynamic.	Super-cardioid.	\$495
Sennheiser MD441-U	Dynamic.	Super-cardioid.	\$695
Sennheiser ME 62/K6	Dynamic.	Omni-directional.	\$500
Sennheiser ME 64/K6	Condenser.	Cardioid.	\$525
Sennheiser ME 65/K6	Condenser.	Supercardioid.	\$610
Sennheiser ME 66/K6	Condenser.	Shotgun.	\$594
Sennheiser ME 62/K6	Condenser.	Omni-directional.	\$500
Sennheiser MKE 44P	Stereo.	Cardioid.	\$795
SHS Audio OM-250		Cardioid.	\$45
SHS Audio OM-500		Cardioid.	\$89
SHS Audio OM-550B		Cardioid.	\$89
SHS Audio OM-750		Cardioid.	\$89
Shure Beta 52	Large diaphragm dynamic mic.	Super-cardioid.	\$387.80
Shure Beta 56	Large diaphragm dynamic mic.	Super-cardioid.	\$310
Shure Beta 57A	Large diaphragm dynamic mic.	Super-cardioid.	\$275
Shure Beta 58A	Large diaphragm dynamic mic.	Super-cardioid.	\$332.50
Shure Beta 87	Large diaphragm condenser mic.	Super-cardioid.	\$542.50
Shure Beta 87A	Large diaphragm condenser mic.	Super-cardioid.	\$542.50
Shure LX Series	Large diaphragm condenser mic. Wirelss microphone system.		\$852
Shure 5M 57	Large diaphragm dynamic mic.	Cardioid.	\$146
Shure 5M 58	Large diaphragm dynamic mic.	Cardioid.	\$188
Shure 5M 81	Large diaphragm condenser mic.	Super-cardioid.	\$529.80
Shure 5M 87	Large diaphragm condenser mic.	Super-cardioid.	\$350.70
Shure 5M 87A	Large diaphragm condenser mic.	Super-cardioid.	\$350.70
Shure 5M 94	Mid diaphragm condenser mic.	Cardioid.	\$280
Shure 5M 98A	Small diaphragm condenser mic.	Cardioid, Super-cardioid.	\$349.80
Shure T Series	Large diaphragm condenser mic. Wirelss Microphone system.		\$560.
Shure UC Series	Large diaphragm condenser mic. Wirelss Microphone system.		\$1,390
Shure UHF Series	Large diaphragm condenser mic. Wirelss Microphone system.		\$2,390
Shure VP88	Large diaphragm condenser mic.	Stereo mid-side.	\$1,194
Studiomaster KM-81		Cardioid.	\$59.95
Telex Communications Cobalt		Cardioid, Uni-directional.	\$189
Telex Communications TD-26		Hyper-cardioid.	\$149

### CM-31

**FEATURES** Impedance: 150 ohms. SPL: 120 SPL. 12-48v phantom power required. Frequency response: 40Hz-20kHz. Response controls include filters and LF roll-off. Mic cable included. Small, unobtrusive size; adjustable hanger for easy positioning; braided cable keeps mic in position; male 3-pin XLR type output; available in black or white; 60-ft. cable length available.

**APPLICATIONS** Orchestral, choral, theatrical, and general sound reinforcement applications.

### CM-310A / CM-310ASW

**FEATURES** Impedance: 150 ohms. SPL: 151 SPL. 12-48v phantom power required. Frequency response: 80Hz-15kHz. Response controls

include filters and HF rising. Silent on/off switch version available (CM-310ASW).

### CM-311A / CM-311AE

**FEATURES** Impedance: 150 ohms. SPL: 148 SPL. 12-48v power required (CM-311AE powered by wireless transmitter). Frequency response: 50Hz-17kHz. Mic cable included. Pigtail version available for wireless use (CM-311AE).

### CM-312A / CM-312AE

**FEATURES** Impedance: 150 ohms. SPL: 148 SPL. 18-48v power required (CM-312AE powered by wireless transmitter). Frequency response: 50Hz-17kHz. Mic cable included. Pigtail version available for wire-

less use (CM-312AE).

### CM-700

**FEATURES** Impedance: 150 ohms. SPL: 151 SPL. 12-48v power required. Frequency response: 30Hz-20kHz. Response controls include filters and bass rolloff.

### GLM-100 / GLM-100E

**FEATURES** Impedance: 150 ohms. SPL: 150 SPL. 12-48v power required (GLM-100E powered by wireless transmitter). Frequency response: 20Hz-20kHz. Mic cable included. Pigtail version available for wireless applications (GLM-100E).

**GLM-200**

**FEATURES** Impedance: 150 ohms. SPL: 131 SPL. 12-48v phantom power required. Frequency response: 60Hz-20kHz. Mic cable included.

**PCC-160**

**FEATURES** Impedance: 150 ohms. SPL: 120 SPL. 12-48v power required. Frequency response: 50Hz-18kHz. Mic cable included.

**APPLICATIONS** Stage, lectern, and conference table vocal pickup.

**PZM-185**

**FEATURES** Impedance: 150 ohms. SPL: 120 SPL. 12-48v power required. Frequency response: 50Hz-16kHz. Mic cable included.

**PZM-30D**

**FEATURES** Impedance: 150 ohms. SPL: 150 SPL. 12-48v power required. Frequency response: 20Hz-20kHz. Response controls include filters and HF rising.

**PZM-6D**

**FEATURES** Impedance: 150 ohms. SPL: 150 SPL. 12-48v power required. Frequency response: 20Hz-20kHz. Response controls include filters and HF rising. Mic cable included.

**SASS-P MKII**

**FEATURES** Impedance: 150 ohms. SPL: 150 SPL. 12-48v phantom power or 2.9v alkaline (internal) power required. Frequency response: 20Hz-18kHz. Response controls include filters and LF rolloff. Separate left and right channel outputs; includes waterproof carrying case, windscreen, and handgrip.

**Sound Grabber II**

**FEATURES** Impedance: 1600 ohms. SPL: 120 SPL. 1.5 volt "AAA" battery power required. Frequency response: 50Hz-16kHz. Mic cable included.

**DPA MICROPHONES**

**4003/4006**

**FEATURES** Impedance: <90 ohms. SPL: 4003 - 154dB, 4006 - 143dB. (4003) - 130 (4006) - 48 volt power required. Several mounting options for different applications.

**4004/4007**

**FEATURES** Impedance: <90 ohms. SPL: 168dB (4004), 155dB (4007). 130v (4004), 48v (4007) power required.

**4011/4012**

**FEATURES** Impedance: (4012) - 90 ohms (4011) - 220 ohms. SPL: (4012) - 168dB, (4011) - 158dB. (4011) - 48v, (4012) - 130v power required. Several mounting options.

**4060**

**FEATURES** Impedance: 30-40 ohms. SPL: 134dB. 48v phantom power required. Frequency response: 20Hz-20kHz +/- 2dB. Response controls include HF Boost. Mic cable included. Unit is designed to fit most VHF and UHF systems for professional use.

**APPLICATIONS** Invisible mic'ing: theatre and TV production.

**4065**

**FEATURES** Impedance: 30-40 ohms. SPL: 144dB. DPA Microphone power adaptor system required. Frequency response: 20Hz-20kHz +/- 2dB. Response controls include HF Boost. Mic cable included.

**ELECTRO-VOICE**

**N/D168**

**FEATURES** Frequency response: 25-15,000Hz. Features: clip-on rim clamp.

**APPLICATIONS** Snare drum.

**N/D257**

**FEATURES** Frequency response: 35-19,000Hz.

**N/D468**

**FEATURES** Frequency response: 30-20,000Hz. Features pivoting yoke for optimal positioning.

**N/D767**

**FEATURES** Frequency response: 25-22,000Hz. Response controls include filters.

**N/D868**

**FEATURES** Frequency response: 20-10,000Hz.

**APPLICATIONS** Kick drum mic.

**N/D967 Concert Vocal Mic**

**FEATURES** Frequency response: 50-13,000Hz. Response controls include filters. Features: LF personality switch.

**ND/367**

**FEATURES** Frequency response: 30-17,000Hz.

**RE1000**

**FEATURES** Phantom power required. Frequency response: 70-18,000Hz. Includes hard-shell case.

**RE20**

**FEATURES** Frequency response: 45-18,000Hz. Features: Variable-D technology eliminates proximity effect.

**RE200**

**FEATURES** Phantom power required. Frequency response: 50-18,000Hz.

**RE2000**

**FEATURES** Phantom/separate power supply required. Frequency response: 70-18,000Hz. Response controls include pad and filters. Features ENS environmental control system maintains constant temperature and humidity around the element.

**Re27N/D**

**FEATURES** Frequency response: 45-20,000Hz. Response controls include pad and filters. Variable-D feature eliminates proximity effect.

**RE38N/D**

**FEATURES** Frequency response: 25-20,000Hz. Response controls include filters. 16-position equalization switch allows mic to be tailored to any vocal or instrument.

**RES00**

**FEATURES** Frequency response: 80-18,000Hz.

**EVENT ELECTRONICS**

**Rode Classic Valve Microphone**

**FEATURES** Impedance: 250. SPL: 130. Self powered. Frequency response: 20Hz-20,000kHz. Response controls include pad and filters. Mic cable included. 6072 internally shock mounted tube, Jensen transformer, 2 position HPF and -10/-20 pad on power supply. Aluminum flight case.

**Rode NT1**

**FEATURES** Impedance: 200. SPL: 135. 48v DC power required. Frequency response: 20Hz-20,000kHz. Transformerless circuitry. Carry case.

**Rode NT2**

**FEATURES** Impedance: 200. SPL: 135. 48v DC power required. Frequency response: 20Hz-20,000kHz. Response controls include pad and filters. Dual pressure gradient transducer featuring 1" gold-sputtered membranes. Shockmount and hardshell case included.

**GT ELECTRONICS**

**AMS1**

**FEATURES** Impedance: 200 ohms. SPL: 134-144dB. Phantom power required. Response controls include pad and filters. Class-A FET.

**AMS2**

**FEATURES** Impedance: 200 ohms. SPL: 134-144dB. Phantom power required. Response controls include pad and filters. Class-A FET.

**AM61**

**FEATURES** Impedance: 200 ohms. SPL: 130-140dB. Separate power supply (included). Response controls include pad and filters. Mic cable included. Shock mount and hard stand adapter included.

**AM62**

**FEATURES** Impedance: 200 ohms. SPL: 140dB. Separate power supply (included). Response controls include pad and filters. Mic cable included. Shock mount and hard stand adapter included.

**MANLEY LABORATORIES**

**Langevin CR-3A**

**FEATURES** Impedance: 200 ohms. SPL: 122dB, 132dB with 10dB pad. 48v phantom power required. Frequency response: 40Hz-16kHz. Response controls include pad and filters. Windscreen, hard mount, shock mount, carrying case included.

**Manley Reference Cardioid Microphone**

**FEATURES** Impedance: 200 ohms. SPL: 135dB. Separate power supply

included. Frequency response: 20Hz-20kHz. Response controls include pad. Mic cable, suspension, mic swivel, carrying case included.

**Manley Reference Gold Microphone**

**FEATURES** Impedance: 200 ohms. SPL: 165dB. Separate dedicated PSU included. Frequency response: 20Hz-20kHz. Response controls include pad. Mic cable, suspension, swivel, carrying case included.

**Manley Reference Stereo Gold Microphone**

**FEATURES** Impedance: 200 ohms. SPL: 165dB. Separate dedicated PSU included. Frequency response: 20Hz-20kHz. Response controls include pad. Mic cable, top capsule rotatable suspension, swivel, carrying case included.

**NEUMANN**

**KM 184**

**FEATURES** Impedance: 50 ohms. SPL: 138dB. Phantom 48v power required. Frequency response: 20Hz-20kHz.

**M147 Tube**

**FEATURES** Impedance: 50 OHMS. SPL: 135dB. Separate power supply (included). Frequency response: 20Hz-20kHz. Mic cable included.

**M149 Tube**

**FEATURES** Impedance: 50 OHMS. SPL: 134dB. Separate power supply (included) power required. Frequency response: 20Hz to 20kHz. Response controls include filters. Mic cable included. The M149 features a low self noise of 13dB.

**APPLICATIONS** Vocals, strings orchestral, horns, piano, acoustic guitar.

**TLM 103**

**FEATURES** Impedance: 50 ohms. SPL: 138dB. Phantom 48v power required. Frequency response: 20Hz-20kHz.

**TLM193**

**FEATURES** Impedance: 50 ohms. SPL: 140dB. Phantom 48v power required. Frequency response: 20Hz-20kHz.

**u87AI**

**FEATURES** Impedance: 200 ohms. SPL: 127dB (with pad). Phantom 48v power required. Frequency response: 20Hz-20kHz. Response controls include pad and filters.

**ROLAND**

**DR-10**

**FEATURES** Impedance: 400 ohms. SPL: 130dB. Frequency response: 60-15,000Hz. Mic cable included.

**DR-20**

**FEATURES** Impedance: 330 ohms. SPL: 130dB. Frequency response: 60-15,000Hz. Mic cable included.

**APPLICATIONS**

**SAMSON**

**Q2 Vocal/Instrument Microphone**

**FEATURES** Impedance: 600 ohms. Frequency response: 50Hz-15kHz. 10dB pad. Carry case and mic clip included.

**Q3 Drum Microphone**

**FEATURES** Impedance: 600 ohms. Frequency response: 50Hz-15kHz. 10dB pad, switchable 12dB per octave high pass filter. Windscreen, carry case, mic clip, and Euro-metric mic stand adapter included. Gold-plated balanced XLR connector.

**Qmic Hypercardioid**

**FEATURES** SPL: 137dB. Frequency response: 20Hz-18.5kHz. Gold-plated XLR connector. Windscreen, carrying case, and mic clip included.

**APPLICATIONS** A new, professional dynamic mic specially designed for use as a vocal mic in live performance. Multi-stage windscreen and filter reduces pops, sibilance and on-stage noise, and a midrange presence peak ensures an exceptionally clear, articulate sound. The Qmic also features a humbucking voice coil to eliminate magnetic field interference and a multi-axis shock-mounted mic element that reduces handling noise. Its tight hypercardioid pattern ensures maximum feedback rejection while delivering a strong, crisp signal from the audio source directly in front of the mic capsule. The Qmic is also particularly well-suited for use with Samson wireless systems.

**R11**

**FEATURES** Impedance: Low impedance voice coil.

**S11**

**FEATURES** Impedance: Low impedance 600 ohm output. Frequency

response: 60Hz-18kHz. Mic-clip included.

**S12**

**FEATURES** Impedance: Low impedance 600 ohm output. Frequency response: 60Hz-18kHz.

**SENNHEISER**

**E 602**

**FEATURES** Impedance: 350 ohms.

**E604**

**FEATURES** Impedance: 350ohms. SPL: 150dB. Includes shock mount.

**E835**

**FEATURES** Impedance: 350 ohms. On/Off switch is optional.

**MC 67/K6**

**FEATURES** Impedance: 200 ohms. SPL: 125dB. Phantom or AA battery power required. Features: Standard mounting with optional shockmount or shockmount/pistol grip.

**MD 421 11**

**FEATURES** Impedance: 200 ohms. Features: Standard mounting and optional shockmount, 5-position bass roll-off.

**MD 425**

**FEATURES** Impedance: 350 ohms. Features: Standard mounting.

**MD 431 11**

**FEATURES** Impedance: 350 ohms. Features: Standard mounting, On/off switch.

**MD 441-U**

**FEATURES** Impedance: 200 ohms. Features: separate hi/lo EQ switches.

**ME 62/K6**

**FEATURES** Impedance: 200 ohms. SPL: 130dB. Phantom or AA battery power required. Optional: shockmount or shockmount/pistol grip.

**ME 64/K6**

**FEATURES** Impedance: 200 ohms. SPL: 130dB. Phantom or AA battery power required. Shockmount or shockmount/pistol grip are optional.

**ME 65/K6**

**FEATURES** Impedance: 200 ohms. SPL: 142dB. Phantom or AA battery power required. Features: Standard mounting with optional shockmount.

**ME 66/K6**

**FEATURES** Impedance: 200 ohms. SPL: 125db. Phantom or AA battery power required. Features: Standard mounting with optional shockmount or shockmount/pistol grip.

**MKE 44P**

**FEATURES** Impedance: 250 ohms. SPL: 126dB. Phantom 12-48v or AA battery power required. Features: Standard mounting, with built-in bass attenuator.

**SHS AUDIO**

**OM-250**

**FEATURES** Impedance: 600 ohms. SPL: -75 +/-3dB. Frequency response: 90-10kHz. Mic cable included. On/off switch.

**OM-500**

**FEATURES** Impedance: 600 ohms. SPL: -75 +/-3dB. Frequency response: 50-16.5kHz. Mic cable included.

**OM-550B**

**FEATURES** Impedance: 600 ohms. SPL: -75 +/-3dB. Frequency response: 50-15kHz. Mic cable included.

**APPLICATIONS**

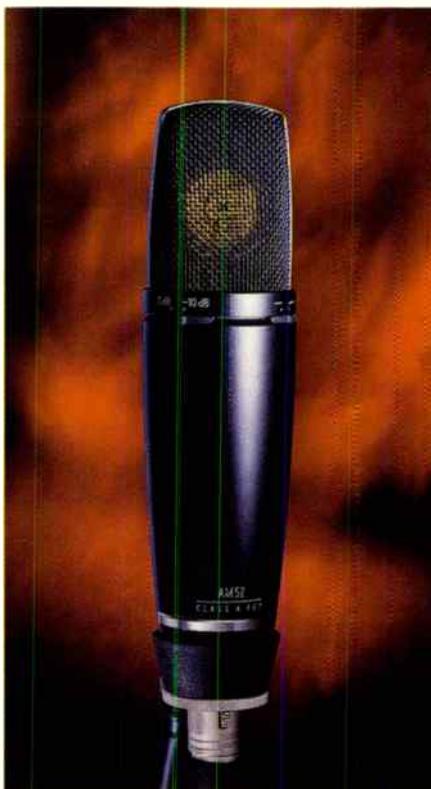
**OM-750**

**FEATURES** Impedance: 600 ohms. SPL: -75 +/-3dB. Frequency response: 50-15kHz. Mic cable included.

**SHURE**



Reader Service No. 216



**GT Electronics AM52**

Reader Service No. 215

**Beta 52**

**FEATURES** Impedance: 150 ohms. SPL: 174dB. None power required. Frequency response: 20Hz-10kHz. Built-in mounting system. Locking stand mount.

**Beta 56**

**FEATURES** No power required. Frequency response: 50Hz-6kHz. Built-in mounting system.

**Beta 57A**

**FEATURES** Impedance: 150 ohms. No power required. Frequency response: 50Hz-16kHz. Standard clip mounting, hardened grille, storage bag.

**Beta 58A**

**FEATURES** Impedance: 150 ohms. No power required. Frequency response: 50Hz-16kHz. Standard clip mounting, storage bag.

**Beta 87**

**FEATURES** Impedance: 150 ohms. SPL: 142dB. Phantom power required. Frequency response: 50Hz-18kHz. Standard clip mounting, hardened grille, storage bag.

**APPLICATIONS** Vocals.

**Beta 87A**

**FEATURES** Impedance: 150. SPL: 142dB. Phantom power required.

**LX Series**

**FEATURES** VHF performance system. Receivers available in either single antenna or diversity systems. Bodypack (lavalier, headset, or instrument) or handheld. This system is available with the WL183 Omnidirectional, or the WL184 Super-Cardioid Lavalier Microphones, the WL185 Cardioid or the WL93 Omni Micro Lavaliers, or the WL98 Miniature Instrument Microphone; the SM58 Handheld, the SM87 Handheld, the Beta 58 Handheld, or the Beta 87 Handheld; the WH10TQG Headset or the WCM16 Headset.

**SM 57**

**FEATURES** Impedance: 150 ohms. No power required. Frequency response: 40Hz-15kHz. Standard clip mounting, storage bag.

**SM 58**

**FEATURES** Impedance: 150 ohms. No power required. Frequency

response: 50Hz-15kHz. Standard clip mounting, Storage bag.

**SM 81**

**FEATURES** Impedance: 85 ohms. SPL: 146dB. Phantom power required. Frequency response: 20Hz-20kHz. Response controls include pad and filters. 3-position frequency response switch, 10dB pad, stand adapter, windscreens.

**SM 87**

**FEATURES** Impedance: 150 ohms. SPL: 134dB. Phantom power required. Frequency response: 50Hz-18kHz. Standard clip mounting, wind and pop filter, storage bag.

**SM 87A**

**FEATURES** Impedance: 150 ohms. SPL: 134dB. Phantom power required.

**SM 94**

**FEATURES** Impedance: 150 ohms. SPL: 141dB. Phantom or battery power required. Frequency response: 40Hz-16kHz. Standard clip mounting.

**SM 98A**

**FEATURES** SPL: 144dB. Phantom power required. Frequency response: 40Hz-20kHz. Standard clip mounting, drum and horn mounts available. 2-position frequency response switch, switchable gain.

**T Series**

**FEATURES** Receivers available in either single antenna or diversity systems. Bodypack (lavalier, headset, or instrument) or handheld. This system is available with the WL93 Omnidirectional Lavalier Microphone, the SM58 Handheld, the BG3.1 Cardioid Dynamic Handheld Microphone, or the WH10 Headset Microphone.

**UC Series**

**FEATURES** UHF frequency agile system. Receivers available in either single antenna or diversity systems. Bodypack (lavalier, headset, or instrument) or handheld. Bodypack: WL183, WL184, WL185, WL93, WM98 Handheld: SM58, SM87, Beta 58, Beta 87 Headset: WH10TQG, WCM16.

**UHF Series**

**FEATURES** UHF frequency agile system. Receivers available in either single antenna or diversity systems. Bodypack (lavalier, headset, or instrument) or handheld. Bodypack: WL183, WL184, WL185, WL93, WM98 Handheld: SM58, SM87, Beta 58, Beta 87 Headset: WH10TQG, WCM16.

**VP88**

**FEATURES** Impedance: 100 ohms. SPL: 129dB. Phantom or battery power required. Frequency response: 40Hz-20kHz. Response controls include filters. Standard clip mounting, 2-position frequency response switch, splitter cable, windscreens, and battery included.

**APPLICATIONS** Single point stereo recording.

**STUDIOMASTER**

**KM-81**

**FEATURES** Impedance: Low. SPL: 134. Passive power required. Frequency response: 50Hz-5kHz. Mic cable included. Includes carrying case, stand adapter, and 20' XLR to XLR cable.

**TELEX COMMUNICATIONS**

**Cobalt**

**FEATURES** Impedance: 600 ohms. SPL: Phantom - 141dB, battery - 137dB. Phantom, battery power required. Frequency response: 30-19,000Hz.

**TD-26**

**FEATURES** Impedance: 250 ohms. SPL: 130dB. Frequency response: 30Hz-19kHz.

**Mic Preamps,  
Mic Power Supplies**

Seechart on page 142.

**ART**

**Dual MP**

# Vital Stats: Mic Preamps

See listings on page 143.

MODEL	TYPE	NUMBER OF CHANNELS	AMOUNT OF GAIN	MSRP
ART Dual MP	Hybrid mic preamp.	2	72dB	\$349
ART Pro MPA	Hybrid mic preamp.	2	70dB	\$649
ART Tube MP	Hybrid mic preamp.	1	72dB	\$159
Audio Upgrades High Speed Mic Pre Card	Solid state mic preamp.	1	60dB	\$125
Audio Upgrades High Speed Microphone Preamp	Solid state mic preamp.	2	60dB	\$1,500
Audio-Technica AT8801	Phantom power module.			\$75
Audio-Technica CP8506 48V Phantom Power Supply	Phantom power module.			\$180
BARBETTA CHANNEL ONE (tm)	Solid state mic preamp.	1	60dB	\$995
BARBETTA Via Clara (tm)	Solid state mic preamp.	1	60dB	\$1,799
Bellari MP110 DIRECT DRIVE	All-tube mic preamp.	1	20dB	\$230
Bellari RP220 Dual Tube Mic Preamp	All-tube mic preamp.	2	70dB	\$500
Bellari RP520 Studio Tube Mic Preamp	All-tube mic preamp.	2	7dB	\$600
Bellari RP533 Studio Tube Multi-Processor	Tube mic pre/compressor/exciter.	1	70dB	\$700
Calrec RQP4400	Phantom power module.	8	-72+12dB	\$4,355
CRANE SONG FLAMINGO	Solid state mic preamp.	2	66dB	\$2,025
Event Electronics EMP-1 Microphone Preamp	Solid state mic preamp.	1	60dB	\$349
Focusrite Audio GREEN 1	Solid state mic preamp.	2	60dB	\$1,099
Focusrite GREEN 3	Solid state mic preamp.	1	60dB	\$1,349
Focusrite Audio GREEN 5	Solid state mic preamp.	1	60dB	\$1,599
Focusrite RED 1	Solid state mic preamp.	4	60dB	\$3,600
Focusrite RED 8	Solid state mic preamp.	2	60dB	\$2,495
Focusrite Voicemaster	Solid state mic preamp.	1	60dB	\$699
Grace Design LUNATEC V2	Portable DC powered Mic Preamp.	2	10dB-60dB	\$1,495
Grace Design Model 801 Microphone Preamp	Solid state mic preamp.	8	18-64dB	\$4,495
Joe Meek VC1	Solid state mic preamp.	1	Line in, 6dB to 24dB, mic in 15dB to 70 dB	\$1,099.99
Joe Meek VC2	Hybrid mic preamp.	1	Line in, 6dB to 24dB, mic in 15dB to 70dB.	\$1,999.99
Joe Meek VC2	Solid state mic preamp.	1		\$399.99
Joe Meek VC3	Solid state mic preamp.	1		\$399.99
Joe Meek VC6	Solid state mic preamp.	1		\$599.99
Manley Laboratories Langevin dual Microphone Preamp with EQ	Solid state mic preamp.	2	45dB	\$1,475
Manley Laboratories 40dB Microphone Preamp	All-tube mic preamp.	1	40 to 50dB	\$1,600
Manley Laboratories Dual Mono Microphone Preamp	All-tube mic preamp.	2	40 to 50dB	\$2,400
Manley Laboratories MIC/EQ 500	All-tube mic preamp.	1	45dB	\$2,900
Martech MSS-10	Solid state mic preamp.	1	65dB/+ 10dB	\$2,250
Neotek MicMax	Solid state mic preamp.	2	75dB	\$1,995
Peavey AMR VMP 2	All-tube mic preamp.	2	66dB	\$949.99
Precision Analog Systems MPA 100	Solid state mic preamp.	2	60dB	\$2,200
Retrospec Juice Box	Direct Input Amplifier.	1	20dB	\$595
SPL (Sound Performance Labs) Mike Man Model 9S23	Solid state mic preamp.	2	72dB dB	\$699
SPL (Sound Performance Labs) Promike	Solid state mic preamp.	2	72dB	\$1,299
Sweetwater Sound ORAM MWS Microphone Work Station	Solid state mic preamp.	2	+70dB	\$2,590
Sweetwater Sound ORAM Octasonic 8-Ch. Microphone Preamp	Solid state mic preamp.	8	0dB to +70dB	\$2,118

MODEL	TYPE	NUMBER OF CHANNELS	AMOUNT OF GAIN	MSRP
<b>T.C. Electronic Gold Channel</b>		2	72dB	\$2,495
<b>Tube-Tech MEC-1A</b>	All-tube mic preamp.	1	+20db-+70dB	\$3,495
<b>Tube-tech MP-1A</b>	All-tube mic preamp.	2	70dB	\$2,395

**FEATURES** 2 unbalanced 1/4" inputs, 2 XLR inputs. Mic level, line level, and instrument level inputs. Polarity switching. Pads. Meters. Output level control. 1/4" outputs and XLR outputs. All 48v Phantom Power onboard. 2 mics maximum.  
**DIMENSIONS** 1U rackmount. 5.5 lbs.

#### Pro MPA

**FEATURES** 2 unbalanced 1/4" inputs, 2 XLR inputs. Mic level, line level, and instrument level inputs. Filters. Polarity switching. Pads. Meters. Output level control. 1/4" outputs and XLR outputs. All 48v Phantom onboard. 2 mics maximum.  
**DIMENSIONS** 2U rackmount. 9 lbs.

#### Tube MP

**FEATURES** 1 balanced 1/4" inputs, 1 XLR inputs. Mic level, line level, and instrument level inputs. Polarity switching. Pads. Meters. Output level control. 1/4" outputs and XLR outputs. All 48v onboard phantom power. 1 mic maximum.  
**DIMENSIONS** 5" W x 5.5" D x 2" H. 1.5 lbs.

### AUDIO UPGRADES

#### High Speed Mic Pre Card

**FEATURES** 1 XLR input. Mic-level input. 1/4" outputs and XLR outputs. Replacement mic pre card for retrofitting the mic pre in consoles, processors, and custom stand alone units. With a 3000 volt per microsecond slew rate, the card offers "high speed" sound at low cost.  
**DIMENSIONS** 1.25" W x 2.25" D x .75" H. 2 ozs.

#### High Speed Microphone Preamp

**FEATURES** 2 XLR inputs. Mic level inputs. XLR outputs. Unit features 4000 volts per microsecond slew rate, -132EIN, 1/3 Amp output current, .00015% IMD, .0005% THD + noise.  
**DIMENSIONS** 1U rackmount. 5 lbs.

### AUDIO-TECHNICA

#### AT8801

**FEATURES** 1 XLR input. XLR outputs.  
**DIMENSIONS** 5.12" W x 2.36" D x 1.73" H.

#### CP8506 48V Phantom Power Supply

**FEATURES** XLR outputs. For Condenser mics requiring external phantom power. 4 mics maximum.  
**DIMENSIONS** 7.75" W x 4.5" D x 1.75" H.

### BARBETTA

#### Channel One (tm)

**FEATURES** 1 balanced 1/4" inputs, 1 XLR inputs. Mic level, line level, and instrument level inputs. Filters. Polarity switching. Pads. Meters. Output level control. 1/4" outputs and XLR outputs. Parametric EQ, bandwidth filters, full function compressor, built-in power supply.  
**DIMENSIONS** 1U rackmount. 8 lbs.

#### Via Clara (tm)

**FEATURES** 4 XLR input. Mic level and line level inputs. Filters. Polarity switching. Pads. Meters. Output level control. 1/4" outputs and XLR outputs. 2 section parametric EQ with frequency, Q, and cut/boost. Full-featured compressor, bandwidth control, and phantom power.  
**DIMENSIONS** 1U rackmount.

### BELLARI

#### MP110 Direct Drive

**FEATURES** 1 unbalanced 1/4" inputs, 1 XLR inputs. Mic level and instrument level inputs. Polarity switching. Pads. Output level control. 1/4" outputs and XLR outputs. 1 mic maximum.  
**DIMENSIONS** 7.6" W x 5.4" D x 1.6" H. 2.5 lbs.

#### RP220 Dual Tube Mic Preamp

**FEATURES** 4 unbalanced 1/4" inputs, 2 XLR inputs. Mic level, line level, and instrument level inputs. Polarity switching. Pads. Meters. Output level control. 1/4" outputs and XLR outputs. All known condenser mics work. 2 mics maximum.  
**DIMENSIONS** 2U rackmount. 7.5 lbs.

#### RP520 Studio Tube Mic Preamp

**FEATURES** 4 unbalanced 1/4" inputs, 2 XLR inputs. Mic level, line level, and instrument level inputs. Polarity switching. Pads. Meters. Output level control. 1/4" outputs and XLR outputs. All known condenser mics work. 2 mics maximum.  
**DIMENSIONS** 2U rackmount. 7.5 lbs.

#### RP533 Studio Tube Multi-Processor

**FEATURES** 1 unbalanced 1/4" inputs, 1 XLR inputs. Mic level and instrument level inputs. Pads. Meters. Output level control. 1/4" outputs and XLR outputs. Compression. Sonic Exciter. 1 mic maximum. Side chain for compressor.  
**DIMENSIONS** 2U rackmount. 7.5 lbs.

### CALREC

#### RQP4400

**FEATURES** 8 XLR inputs. Mic level inputs. XLR outputs. 48V phantom power. 8 mics maximum.  
**DIMENSIONS** 1U rackmount. 25 lbs.

### CRANE SONG

#### Flamingo

**FEATURES** 2 XLR inputs. Mic level inputs. Polarity switching. Meters. Output level control. XLR outputs. Switchable fat and iron audio paths. Discrete class A audio path.  
**DIMENSIONS** 1U rackmount. 14 lbs.

### EVENT ELECTRONICS

#### EMP-1 Microphone Preamp

**FEATURES** 1 XLR inputs. Mic level inputs. Filters. Polarity switching. Meters. 1/4" outputs and XLR outputs. +48V Phantom Power. 1 mic maximum. 3 units will fit in 1U rack tray. Discrete high-current balanced driver amplifier output stage.

### FOCUSRITE

#### Green 1

**FEATURES** 2 XLR inputs. Mic level inputs. Filters. Polarity switching. Meters. XLR outputs. Mute Controls.  
**DIMENSIONS** 1U rackmount. 6 lbs.

#### Green 3

**FEATURES** 1 XLR input. Mic level and line level inputs. Filters. Polarity switching. Meters. Output level control. XLR outputs. Expander, compressor, de-esser, 3-band parametric. Mute controls.  
**DIMENSIONS** 1U rackmount. 6 lbs.

#### Green 5

**FEATURES** 2 XLR input. Mic level, line level, and instrument level inputs. Filters. Polarity switching. Meters. Output level control. XLR outputs. Expander, compressor, noise gate, 4-band parametric. Mute controls.  
**DIMENSIONS** 1U rackmount. 6 lbs.

#### Red 1

**FEATURES** 4 XLR inputs. Mic level inputs. Polarity switching. Meters. XLR outputs.  
**DIMENSIONS** 2U rackmount. 15 lbs.

#### Red 8

**FEATURES** 2 XLR inputs. Mic level inputs. Polarity switching. Meters. XLR outputs.  
**DIMENSIONS** 2U rackmount. 13 lbs.

#### Voicemaster

**FEATURES** 1 XLR input. Mic level and line level inputs. Filters. Polarity switching. meters. Output level control. XLR outputs. Expander, compressor, voice optimized EQ, de-esser, vocal saturator.  
**DIMENSIONS** 1U rackmount. 6 lbs.

### GRACE DESIGN

#### Lunatic V2

**FEATURES** 2 XLR inputs. Mic level inputs. Filters. meters. Output level control. XLR outputs. Mid/side decoding. 48V phantom power and

12V parallel power. Fast, musical transimpedance amplifier architecture. 11-position precision gain control switch with 5dB steps. 10dB output trim controls. 6-12V DC operation, industry standard 4 pin XLR DC input. Balanced and unbalanced outputs (XLR and RCA.) 2-position high-pass filter (switchable from 50/100Hz to 75/125Hz) with 6 or 12dB/octave slope.

**DIMENSIONS** 1U rackmount. 2.4 lbs.

#### Model 801 Microphone Preamp

**FEATURES** 8 XLR inputs. Mic level inputs. Polarity switching. Pads. Output level control. XLR outputs. 8 mics maximum. 24 position gold contact rotary switch gain controls. Fully balanced and transformerless design. 8 channels of musical, ultra-transparent mic preamps. 5-year limited warranty on parts and labor.  
**DIMENSIONS** 2U rackmount. 12 lbs.

### JOE MEEK

#### VC1

**FEATURES** 1 balanced 1/4" input, 1 unbalanced 1/4" input, 1 XLR input. Mic level, line level, and instrument level inputs. Filters. Polarity switching. Pads. Meters. Output level control. 1/4" outputs and XLR outputs. Self-contained 48v phantom power. Maximum number of mics: 1 mic input, 1 instrument input, 1 line input. Photo-optic compression and enhancer.  
**DIMENSIONS** 2U rackmount. 6 lbs.

#### VC2

**FEATURES** 1 balanced 1/4" input, 1 unbalanced 1/4" input, 1 XLR input. Mic level, line level, and instrument level inputs. Filters. Polarity switching. Pads. Meters. Output level control. 1/4" outputs and XLR outputs. Self-contained 48v phantom power. Maximum number of mics: 1 mic input, 1 instrument input, 1 line input. Photo-optic compression and enhancer.  
**DIMENSIONS** 2U rackmount. 6 lbs.

#### VC3

**FEATURES** 1 balanced 1/4" inputs, 1 unbalanced 1/4" inputs, 1 XLR inputs. mic level, line level, and instrument level inputs. Filters. Polarity switching. Pads. Meters. Output level control. 1/4" outputs and XLR outputs. Photo-optical compression/enhancer. Self-contained 48v phantom power. XXX mics maximum. XXX GAIN IN Db "LINE IN-6dB to 24dB, mic in 15dB to 70dB". XXX MAXIMUM NUMBER OF MICS "1 mic input, 1 instrument input, 1 line input". Photo-optic compression and enhancer.  
**DIMENSIONS** 1U rackmount. 6 lbs.

#### VC6

**FEATURES** 1 balanced 1/4" inputs, 1 unbalanced 1/4" inputs, 1 XLR inputs. mic level, line level, and instrument level inputs. Filters. Polarity switching. Pads. Meters. Output level control. 1/4" outputs and XLR outputs. Photo-optical compression/ enhancer. Self-contained 48v phantom power. XXX mics maximum. XXX GAIN IN Db "LINE IN-6dB to 24dB, mic in 15dB to 70dB". XXX MAXIMUM NUMBER OF MICS "1 mic input, 1 instrument input, 1 line input". Photo-optic compression and enhancer.  
**DIMENSIONS** 1U rackmount. 6 lbs.

### MANLEY LABORATORIES

#### Langevin dual Microphone Preamp

**FEATURES** 2 unbalanced 1/4" inputs, 2 XLR inputs. Mic level and instrument level inputs. filters. 1/4" outputs and XLR outputs. EQ LF: 40 and 80Hz +/-10dB EQ HF: 8 and 12kHz +/-10dB. 48V phantom power built in. 2 mics maximum.  
**DIMENSIONS** 1U rackmount. 11 lbs.

#### 40dB Microphone Preamp

**FEATURES** 1 unbalanced 1/4" inputs, 1 XLR inputs. Mic level and instrument level inputs. Polarity switching, 1/4" outputs and XLR outputs. Variable input attenuator (pad). Variable feedback stepped 5-position switch. 48v phantom power. 1 mic maximum.  
**DIMENSIONS** 1U rackmount. 12 lbs.

**Dual Mono Microphone Preamplifier**

**FEATURES** 2 unbalanced 1/4" inputs. 2 XLR inputs. Mic level and instrument level inputs. Polarity switching. 1/4" outputs and XLR outputs. Variable input attenuator (pad). Variable feedback 5-position switch. 48V phantom power. 2 mics maximum.

**DIMENSIONS** 1U rackmount. 12 lbs.

**MIC/EQ 500**

**FEATURES** 2 XLR inputs. Mic level and line level inputs. Filters. Polarity switching. Output level control. XLR outputs. Variable input attenuator (pad). Insert Point 2-band shelf or peak EQ 40 and 100Hz +/-10dB 3/5/7/10/15kHz +/-10dB. 48V phantom power built in. 11 mics maximum. All-tube fully differential circuitry.

**DIMENSIONS** 2U rackmount. 15 lbs.

**MARTECH****MSS-10**

**FEATURES** 2 XLR inputs. Mic level and line level inputs. Polarity switching. pads. output level control. XLR outputs. Custom input for transformer, discrete-class A custom amplifier, no capacitors in signal path. +24dBu maximum output.

**DIMENSIONS** 4U rackmount. 7.5 lbs.

**NEOTEK****MicMax**

**FEATURES** 2 XLR inputs. Mic level and line level inputs. Filters. Polarity switching. pads. Meters. Output level control. 1/4" outputs and XLR outputs. Input impedance selections. 2 mics maximum. Digital gain control.

**DIMENSIONS** 1U rackmount. 2 lbs.

**PEAVEY****AMR VMP 2**

**FEATURES** 2 unbalanced 1/4" inputs. 2 XLR inputs. Mic level and line level inputs. Filters. Pads. Output level control. 1/4" outputs and XLR outputs. All tube audio path, lo and high eq, 40Hz/80Hz rolloff switchable, -20db input pad, eq bypass switch, phantom power on/off switch.

**DIMENSIONS** 2U rackmount.

**PRECISION ANALOG SYSTEMS****MPA 100**

**FEATURES** 2 XLR inputs. Mic level inputs. Polarity switching. Pads. Meters. XLR outputs. Pure Class A operation. All discrete circuitry. DC coupled output. Very pure signal path.

**DIMENSIONS** 1U rackmount. 15 lbs.

**RETROSPEC****Juice Box**

**FEATURES** 1 unbalanced 1/4" input. Instrument level inputs. Output level control. 1/4" outputs and XLR outputs. 3-position gain switch: -20, 0, +20 (continuously variable); the "to amp" send is unity gain tube buffered.

**DIMENSIONS** 5.1" W x 12" D x 2.25" H. 6 lbs.

**SPL (SOUND PERFORMANCE LABS)****Mike Man Model 9523**

**FEATURES** 2 XLR inputs. Mic level and line level inputs. Polarity switching. pads. meters. 1/4" outputs and XLR outputs. For all mics requiring 48v phantom power. 2 mics maximum.

**DIMENSIONS** 1U rackmount.

**Promike**

**FEATURES** 2 XLR inputs. Mic level and line level inputs. Filters. Polarity switching. Meters. 1/4" outputs and XLR outputs. For all mics requiring 48v phantom power. 2 mics maximum.

**DIMENSIONS** 1U rackmount.

**SWEETWATER SOUND****ORAM MWS Microphone Work Station**

**FEATURES** 2 balanced 1/4" inputs. 2 XLR inputs. Mic level and line level inputs. filters. Polarity switching. Meters. 1/4" outputs and XLR outputs. EQ in switch, low filter, low shelf, low mid sweep, hi mid sweep, hi-cut, high shelf, input gain. 2 mics maximum. Unit includes "EQ Magic" to enable inclusion of Oram Sonics British Equalization into the audio path.

**DIMENSIONS** 2U rackmount.

**ORAM Octasonic 8-Ch. Microphone Preamplifier**

**FEATURES** 8 XLR inputs. Mic level and line level inputs. 1/4" outputs. +48 per channel. 8 mics maximum.

**DIMENSIONS** 1U rackmount.

**T.C ELECTRONIC****Gold Channel**

**FEATURES** 2 XLR inputs. Mic level and line level inputs. Filters. Polarity switching. pads. meters. Output level control. XLR outputs. Compressor, limiter, gate, eq, de-esser, digital radiance generator. Standard 48v phantom power, 2 channels. 2 mics maximum. Features include BNC Word Clock input, external device insert, MIDI in/out/thru, 100 ROM presets, mute switches, low-cut filter, digital I/O.

**DIMENSIONS** 1U rackmount. 5.2 lbs.

**TUBE-TECH****MEC-1A**

**FEATURES** 1 balanced 1/4" inputs. 1 XLR inputs. Mic level and instrument level inputs. Filters. Polarity switching. pads. Meters. Output level control. compression, EQ. 48v Phantom power, standard. 1 mics maximum. Unit features fully floating transformers, gold-plated switches and stereo link capability.

**DIMENSIONS** 2U rackmount. 12.13 lbs.

**MP-1A**

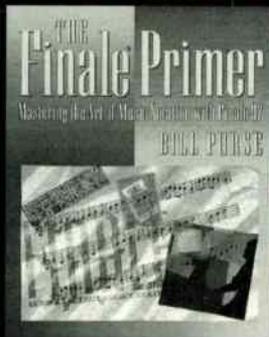
**FEATURES** 2 unbalanced 1/4" inputs. 2 XLR inputs. Filters. Pads. XLR outputs.

**DIMENSIONS** 2U rackmount. 9 lbs.

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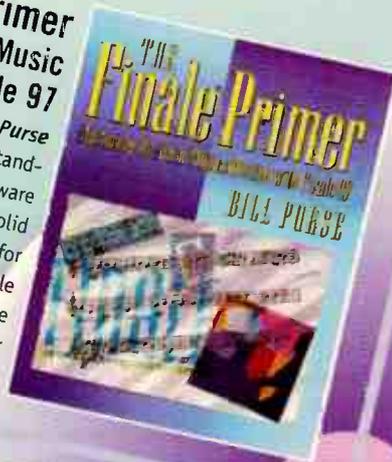
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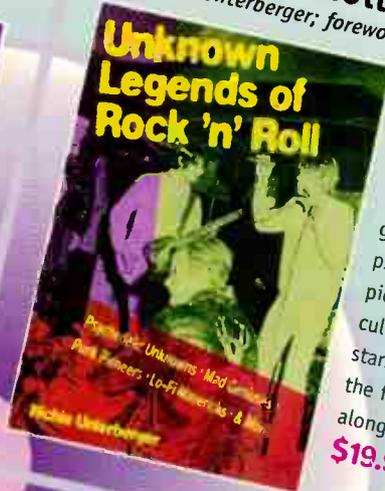
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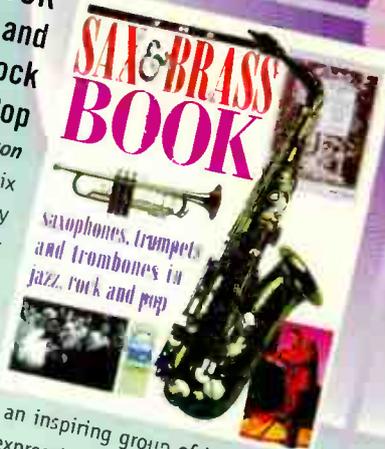


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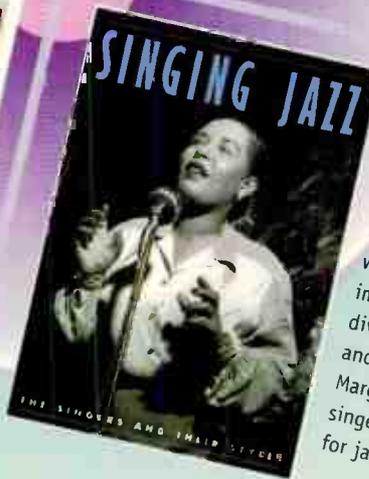
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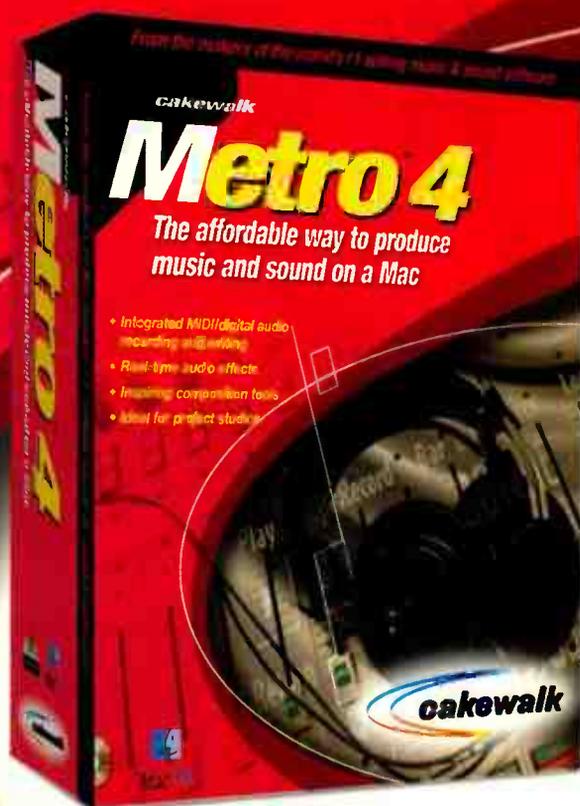
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READER SERVICE NO. 22



We've broken down the diverse world of music software into several categories. The first, **Digital Audio Multitrack Recording Programs** (page 149), covers a lot more ground than the title might suggest. Of course, software that's dedicated to recording digital audio is listed here, but so are many programs that have other functions, such as sequencing or even music notation. Some of the programs are intended for entertainment rather than professional recording, while others are familiar staples in the recording industry.

Though it can often record digital audio, **Digital Audio Processing Software** (page 151) functions in much the same way that signal processors do, taking existing audio and applying various effects to it.

**Plug-in Software** (page 157) requires a host program to function, usually a multitrack recording program. Each plug-in adds a particular twist to the sonic palette of a host program.

For anyone who is a veteran of electronic music, **Sequencing Software** (page 161) is the most familiar software. The backbone of the MIDI studio, sequencing programs were the vanguard of the electronic music revolution. Several programs have extensive notation and digital audio abilities as well.

**Music Notation Software** (page 163) ranges from graphically-oriented programs that have little or no MIDI capability to mega-sequencers that manage to do a fine job of representing your sequences on the printed page. Some programs allow little or no editing while others offer complete publisher-quality control.

**Educational Music Software** (page 165) encompasses everything from entertaining programs for children and how-to-play guitar systems to complete multi-year piano courses and serious ear-training tools for conservatory-level students.

**Editor/Librarian Software** (page 170) is designed to keep track of your synth patches and to make it easier to edit them. Some programs are of the universal type which works with nearly every MIDI synth ever made, and others are dedicated to only one instrument.

**MIDI files** (page 172) are available for just about any conceivable composition or song, ready to load into your computer, workstation, or hardware sequencer.

If you can't find the program you're looking for, try **Miscellaneous Software** (page 172).

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SOFTWARE

MIDI FILES

MISCELLANEOUS  
SOFTWARE

# Vital Stats: Digital Audio Multitrack Recording Programs

MODEL	PLATFORMS	# SIMULTANEOUS RECORD/ SIMULTANEOUS PLAYBACK/ VIRTUAL PLAYBACK TRACKS	DSP & PLUG-INS	MSRP
<b>Cakewalk Guitar Studio</b>	PC	2/8/8	Realtime and file-based DSP. DirectX support.	\$249
<b>Cakewalk Home Studio</b>	PC	2/4/4	Realtime and file-based DSP. DirectX support.	\$129
<b>Cakewalk Metro</b>	Mac	2/64/64	Realtime and file-based DSP. VST and Adobe Premiere support.	\$249
<b>Cakewalk Pro Audio</b>	PC	64/64/64	Realtime and file-based DSP. DirectX support.	\$429; Pro Audio Deluxe, \$529
<b>Cakewalk Professional</b>	PC	2/8/8	Realtime and file-based DSP. DirectX support.	\$269
<b>CreamWare tripleDAT</b>	PC	4/16/40+	Realtime DSP. Includes FireWalkers (8-band parametric EQ with selectable filter/band, 6-tap chorus, stereo flanger, resizable metering, signal generator, auto-panner, FFT analyzer) and Osiris (realtime denoise/declicker, subharmonic bass enhancer, FFT analyzer and excitor) plug-ins.	\$998
<b>CreamWare TDAT-16</b>	PC	4/16/40+	Realtime DSP. Includes FireWalkers (8-band parametric EQ with selectable filter/band, 6-tap chorus, stereo flanger, resizable metering, signal generator, auto-panner, and FFT analyzer) and Osiris (realtime denoise/declicker, subharmonic bass enhancer, FFT analyzer, and excitor) plug-ins.	\$2,198
<b>Digidesign Pro Tools with DAE Powermix</b>	Mac	2-64/64/128	Realtime and file-based DSP. TDM and AudioSuite plug-ins supported.	\$795
<b>Emagic Logic Audio Silver</b>	PC and Mac	2/16/N/A	Realtime DSP. VST (Mac) and DirectX (PC) plug-in support.	\$299
<b>Emagic Logic Audio Gold</b>	PC and Mac	48/24/N/A	Realtime and file-based DSP. VST (Mac), DirectX (PC), Adobe Premiere (Mac-file based), and AudioSuite (Mac with DAE hardware) plug-ins supported.	\$499
<b>Emagic Logic Audio Platinum</b>	PC and Mac	96/N/A	Realtime and file-based DSP. VST (Mac), DirectX (PC), Adobe Premiere (file based-Mac), and AudioSuite (Mac with DAE hardware) plug-ins supported.	\$799
<b>Emagic MicroLogic AV</b>	PC and Mac	2/12/N/A	none.	\$99
<b>Gadget Labs Quartz Studio Pro</b>	PC	8/16/16	Realtime DSP. Quartz proprietary and DirectX plug-in support.	\$199.95
<b>Innovative Quality Software SAW32</b>	PC	6/16/16	Realtime and file-based DSP. IQS and DirectX plug-ins support.	\$500
<b>Innovative Quality Software SAWPlus</b>	PC	8/16/16	Realtime and file-based DSP. IQS plug-in support.	\$300
<b>Innovative Quality Software SAWPlus32</b>	PC	12/32/32	Realtime and file-based DSP. IQS and DirectX plug-in support.	\$700
<b>Innovative Quality Software SAWPro</b>	PC	24/32/32	Realtime and file-based DSP. IQS, SAW, API, and DirectX plug-in support.	\$950
<b>Mark of the Unicorn Digital Performer</b>	Mac	48/48/unlimited	Realtime and file-based DSP. Supports MOTU Audio System, TDM, and Adobe Premiere plug-ins.	\$795
<b>Metalithic Systems Digital Wings For Audio Elite</b>	PC	128/128/N/A	Way Cool Edit plug-in support.	\$1,248
<b>Musicator Win</b>	PC	2/16/255	File-based DSP.	\$299
<b>Opcode Vision DSP</b>	Mac	CPU-dependent/128/unlimited	Realtime and file-based DSP. VST and Premiere plug-ins supported	\$995
<b>Opcode Studio Vision Pro</b>	Mac	CPU-dependent/128/unlimited	Realtime and file-based DSP. VST, Premiere, and TDM plug-ins supported.	\$995
<b>PG Music PowerTracks Pro Audio</b>	PC	1/48/0	File-based DSP and PG Music- or user-programmed plug-ins with included source code.	\$29
<b>SEK'D Red Roaster 24</b>	PC	2/4/4	Realtime DSP and supports DirectX plug-ins.	\$399
<b>SEK'D Samplitude Studio</b>	PC	999/999/999	Realtime DSP and supports DirectX plug-ins.	\$599
<b>Syntrillium Software Cool Edit Pro</b>	PC	64/64/64	File-based DSP. DirectX plug-in support.	\$399
<b>Tracer Audio Pro</b>	PC	CPU-dependent/CPU-dependent/128	Realtime DSP and supports DirectX plug-ins.	\$349
<b>Voyetra Turtle Beach Digital Orchestrator</b>	PC	4/CPU-dependent/CPU-dependent	Non-realtime DSP and DirectX plug-in support.	\$159.95
<b>Voyetra Turtle Beach Digital Orchestrator Plus</b>	PC	2/CPU-dependent/CPU-dependent	Non-realtime DSP and DirectX plug-in support.	\$199.95

*Check these out, too!* Sequencers (page 161): Steinberg Cubase Score, Cubase Score VST, Cubasis AV.

## Digital Audio Multitrack Recording Programs

CAKEWALK



### Guitar Studio

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** Pentium 120MHz running Windows 95/NT, 16 MB RAM. Supports any Windows-compatible digital audio and MIDI interface cards.

**AUDIO FEATURES** 44.1kHz and 48kHz sample rates and WAV audio formats supported. 44.1kHz, 48kHz, 11kHz, and 22kHz internal A/D and D/A sample rates, 16-bit A/D and D/A.

**EDITING FEATURES** Waveform editing. Onscreen mixer. Chorus, delay, EQ, flanger, pitch shift, and time compression/expansion. 32-bit mix engine and up to 4 simultaneous 32-bit realtime audio processing effects. Realtime effects can be inserted on individual tracks, aux submixes, or master output. Frame-accurate SMPTE/MTC sync of MIDI and audio. Linked clips for improved pattern based sequencing. (See sequencer listings for MIDI information.)

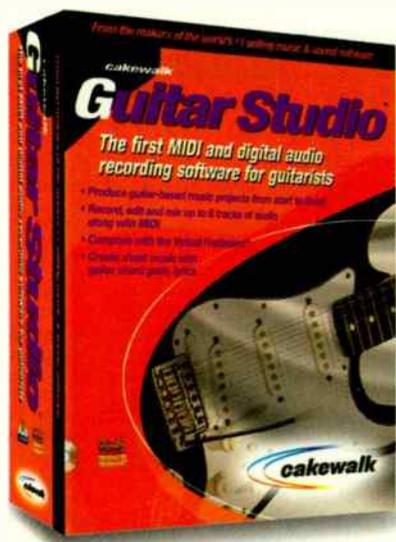
### Home Studio

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** Pentium 100MHz running Windows 95/NT, 16 MB RAM. Supports any Windows-compatible digital audio and MIDI interface cards.

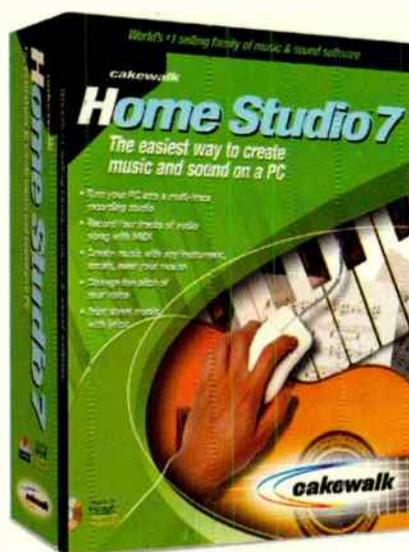
**AUDIO FEATURES** 44.1kHz and 48kHz sample rates and WAV audio formats supported. 44.1kHz, 48kHz, 11kHz, and 22kHz internal A/D and D/A sample rates, 16-bit A/D and D/A.

**EDITING FEATURES** Waveform editing. Onscreen mixer. Time compression/expansion. 32-bit mix engine and up to 2 simultaneous 32-bit realtime audio processing effects. Cakewalk StudioWare for controlling AWE soundcards and popular synths. Sample-accurate editing with snap-to-zero option. Quantize and swing quantize of MIDI and audio events. (See sequencer listings for more info.)



Cakewalk Guitar Studio

Reader Service No. 220



Cakewalk Home Studio

Reader Service No. 221

### Metro

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** Mac 68020 running OS 7 or higher, 8MB RAM. Supports Korg 1212 I/O, Sonorus STUDI/O, Digidesign AudioMedia III digital audio and any Mac-compatible MIDI interfaces.

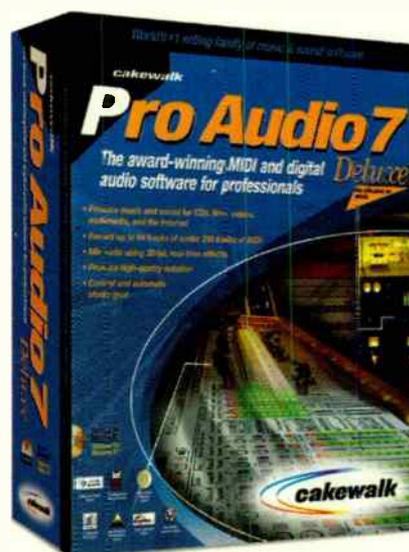
**AUDIO FEATURES** 44.1kHz, 48kHz, 1kHz, and 22kHz sample rates and AIFF, WAV, SDII, and QuickTime audio formats supported. 44.1kHz, 48kHz, 11kHz, and 22kHz internal A/D and D/A sample rates. 16-bit A/D and D/A.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer. Chorus, delay, EQ, flanger, and pitch shift. Sample-accurate audio editing. SMPTE sync, MMC support, and import/export audio to/from QuickTime movies. Record level monitoring. Includes BIAS SFX Machine .ltx. (See sequencer listings for more info.)

### Pro Audio

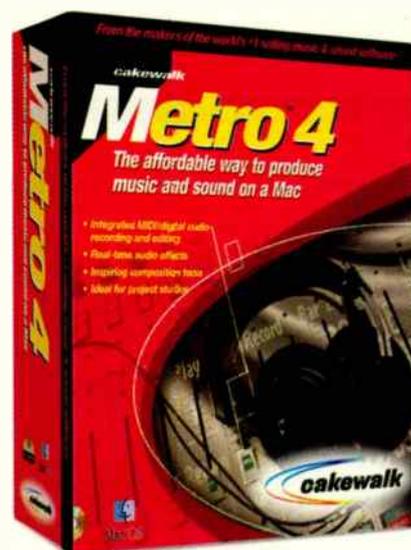
**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** Pentium 100MHz, Windows 95/NT 4, 16 MB RAM. Supports Yamaha DS2416, Digital Audio Labs V8 and CardD+, Soundscape SHDR1, Digidesign Session 8 and Audiomedia III, Midiman DMAN 2844, Sonorus Studi/O, Korg 1212 I/O, Frontier Design Wavecenter, Event Gina, Darla, Layla, Adb Multi.wav, Antex Studio-card, and any Windows-compatible soundcard. Supports any Windows-compatible MIDI interface.



Cakewalk Pro Audio 7

Reader Service No. 223



Cakewalk Metro 4

Reader Service No. 222

**AUDIO FEATURES** 48kHz and 44.1kHz sample rates and WAV audio formats supported. 44.1kHz and 48kHz internal A/D and D/A sample rates, 16-bit A/D and D/A.

**EDITING FEATURES** Waveform editing. Onscreen mixer. Chorus, delay, EQ, flanger, pitch shift, and time compression/expansion. Up to 64 audio tracks, 32-bit mix engine, and 32-bit realtime audio processing effects. Unlimited number of realtime effects can be inserted into individual tracks, aux submixes, or master outputs. Cakewalk StudioWare with design made for controlling external hardware. MIDI and audio frame-accurate SMPTE/MTC sync, sample accurate editing with snap-to-zero crossing, extract audio timing, and remove silence. Exports audio and MIDI to RealMedia format for Internet streaming.

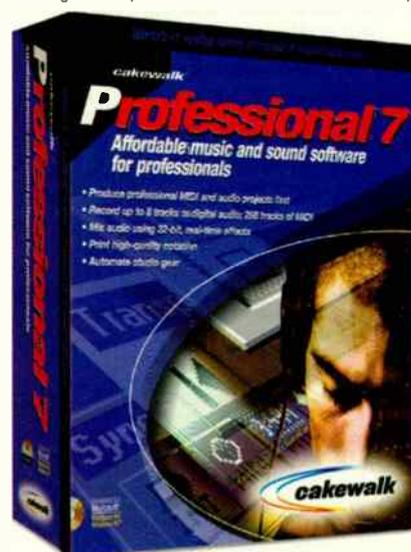
### Professional

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** Pentium 120MHz running Windows 95/NT, 16 MB RAM. Supports any Windows-compatible digital audio and MIDI interface cards.

**AUDIO FEATURES** 44.1kHz and 48kHz sample rates and WAV audio formats supported. 44.1kHz, 48kHz, 11kHz, and 22kHz internal A/D and D/A sample rates, 16-bit A/D and D/A.

**EDITING FEATURES** Waveform editing. Onscreen mixer. Chorus, delay, EQ, flanger, pitch shift, and time compression/expansion. 32-bit mix engine and up to 4 simultaneous 32-bit realtime audio pro-



Cakewalk Professional 7

Reader Service No. 224

cessing effects. Realtime effects can be inserted on individual tracks, aux submixes, or master output. Frame-accurate SMPTE/MTC sync of MIDI and audio. Linked clips for improved pattern based sequencing. (See sequencer listings for MIDI information.)

### CREAMWARE

#### tripleDAT

**DESCRIPTION** Multitrack digital audio recording software.

**SYSTEM REQUIREMENTS** Pentium 200MHz or faster, 64MB RAM, 4MB VRAM. Includes PC ISA audio interface and MIDI interface cards. Supplied MME, audio, MIDI, and VST ASIO drivers.

**AUDIO FEATURES** 48kHz, 44.1kHz, and 32kHz sample rates. 48kHz, 44.1kHz, and 32kHz internal A/D and D/A sample rates. 18-bit A/D and D/A. WAV and CreamWare audio formats supported.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer. Chorus, delay, dynamics, EQ, flanger, pitch shift, time compression/expansion, and analysis. CD writing tools built-in to multitrack window. Includes simultaneous coaxial and optical S/PDIF and analog I/O. Infrared remote for DAT. Optional AES/EBU interface. Compatible with new Scope platform.

#### TDAT-16

**DESCRIPTION** Multitrack digital audio recording software.

**SYSTEM REQUIREMENTS** Pentium 200MHz or faster, 64MB system RAM, 4MB VRAM. Includes PCI audio interface card. Proprietary CreamWare drivers.

**AUDIO FEATURES** 32kHz, 44.1kHz, and 48kHz sample rates and WAV and CreamWare audio formats. 32kHz, 44.1kHz, and 48kHz internal A/D and D/A sample rates. 18-bit A/D and D/A rates.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer. Chorus, delay, dynamics, EQ, flanger, pitch shift, time compression/expansion, and analysis. CD burning tools built-in to multitrack window. Infrared remote for DAT. Optional AES/EBU interface. Includes dual ADAT optical for 16 I/O and stereo analog monitor along with ADAT 9-pin sync plate. Compatible with new Scope platform. Optional 8x8 or 16x16 analog rackmount I/O.

### DIGIDESIGN

#### Pro Tools with DAE Powermix

**DESCRIPTION** Multitrack digital audio recording software.

**SYSTEM REQUIREMENTS** Power Mac 7200 or faster running OS 8, 48MB RAM. Supports Pro Tools 24, Pro Tools III, Audiomeia III, 888|24, 882|20, 888 I/O, 882 I/O, ADAT Bridge I/O, and DSP Farm PCI serial audio interfaces.

**AUDIO FEATURES** 32kHz, 44.1kHz, and 48kHz sample rates and AIFF, WAV, SDII, QuickTime, and SND audio formats supported. 48kHz internal A/D and D/A sample rates, 24-bit A/D and D/A with Pro Tools 24, all others 16-bit A/D and D/A. 64 simultaneous playback tracks with Pro Tools 24, 48 with Pro Tools III, and 16 with software only.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer. Delay, dynamics, EQ, pitch shift, and time compression/expansion. Hundreds of plug-in options. Hardware control interfaces available, including Digidesign ProControl and Mackie HUI.

### EMAGIC

#### Logic Audio Silver

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** PC: Pentium 100MHz, 32 MB RAM, Fast EIDE or SCSI drive. Mac: PowerPC 100MHz, 32 MB RAM, Fast SCSI drive. Supports Audiowerk 8, Audiomeia III/II, Mac AV (Mac) audio interfaces; Windows MME (PC) audio interfaces. Supports OMS (Mac), MTP-compatible (Mac), and Windows MME-compatible (PC) MIDI interfaces.

**AUDIO FEATURES** 44.1kHz sample rate and AIFF, WAV, and SDII audio formats supported.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer. Chorus, delay, EQ, pitch shift, and time compression/expansion. Non-destructive realtime sequence editing, user-definable key commands, and user-definable screensets.

#### Logic Audio Gold

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** PC: Pentium 100MHz, 32 MB RAM, Fast EIDE or SCSI drive. Mac: PowerPC 100MHz, 32MB RAM, Fast SCSI drive. Supports Audiowerk 8, Audiomeia III/II, ProTools Project, and Yamaha CBX Mac audio interfaces; Windows MME (PC, multiple stereo or interleaved) audio interfaces. Supports OMS (Mac), MTP-compatible (Mac), and Windows MME-compatible (PC) MIDI interfaces.

**AUDIO FEATURES** 44.1kHz and 48kHz sample rates and AIFF, WAV, and SDII audio formats supported.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer. Chorus, delay, EQ, flanger, pitch shift and time compression/expansion. Non-destructive realtime sequence editing, user-programmable screensets, and over 500 user-definable key commands.

#### Logic Audio Platinum

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** PC: Pentium 100MHz, 32 MB RAM, Fast EIDE or SCSI drive. Mac: PowerPC 100MHz, 32MB RAM, Fast SCSI drive. Supports Audiowerk 8 (Mac and PC), MME soundcards (PC, stereo or multi-channel), Audiomeia III (Mac or PC), ProTools Project (Mac), ProTools III (Mac) and ProTools 24 (Mac) with full TDM support, Soundscape SSHDR (PC), Yamaha CBX (Mac), and Korg 1212 (Mac, PC with Korg MME driver) audio interfaces. Supports OMS (Mac), MTP-compatible (Mac), and Windows MME-compatible (PC) MIDI interfaces.

**AUDIO FEATURES** 44.1kHz and 48kHz sample rates and AIFF, WAV, and SDII audio formats supported. 44.1kHz and 48kHz internal A/D and D/A sample rates.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer. Chorus, delay, EQ, flanger, pitch shift, and time compression/expansion. Non-destructive realtime sequence editing. User-definable screensets. Over 500 user-definable key commands and extensive notation features.

#### MicroLogic AV

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** PC: Pentium 100MHz, 32MB RAM, Fast EIDE or SCSI drive. Mac: PowerPC 100MHz, 32 MB RAM, Fast SCSI drive. Supports Mac AV (Mac) and Windows MME (PC) audio interfaces. Supports standard (Mac) and Windows MME-compatible (PC) MIDI interface.

**AUDIO FEATURES** 44.1kHz sample rate and AIFF, WAV, and SDII audio formats supported.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer. Delay and EQ. Non-destructive realtime sequence editing and user-definable key commands.

### GADGET LABS

#### Quartz Studio Pro

**DESCRIPTION** Multitrack digital audio recording software.

**SYSTEM REQUIREMENTS** 166mhz Pentium or compatible running Windows 95/98. 32MB RAM, 2GB HD. Supports any PC soundcard or multichannel audio card and MIDI interfaces card with standard Windows multimedia drivers.

**AUDIO FEATURES** 44.1kHz sample rate and WAV audio formats supported. 44.1kHz internal A/D sample rates, 16-bit A/D and D/A.

**EDITING FEATURES** Onscreen mixer. Chorus, delay, dynamics, EQ, flanger, and noise gate. Realtime automation for track volume and balance. Each track has 4 aux buses for external processing and all internal DSP effects processed in realtime.

### INNOVATIVE QUALITY SOFTWARE

#### SAW32

**DESCRIPTION** Multitrack digital audio recording software.

**SYSTEM REQUIREMENTS** Pentium 166MHz, 64MB RAM. Supports any standard Windows soundcard and MIDI interfaces.

**AUDIO FEATURES** 32kHz, 44.1kHz, and 48kHz sample rates and WAV audio formats supported. 32kHz, 44.1kHz, and 48kHz internal A/D and D/A sample rates. 16-bit A/D and D/A.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer. Delay and EQ.

#### SAWPlus

**DESCRIPTION** Multitrack digital audio recording software.

**SYSTEM REQUIREMENTS** Pentium 90MHz with 16MB RAM. Supports any standard Windows soundcard and MIDI interfaces.

**AUDIO FEATURES** 32kHz, 44.1kHz, and 48kHz sample rates and WAV audio formats supported. 32kHz, 44.1kHz, and 48kHz internal A/D and D/A sample rates. 16-bit A/D and D/A.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer. Delay and EQ.

#### SAWPlus32

**DESCRIPTION** Multitrack digital audio recording software.

**SYSTEM REQUIREMENTS** Pentium 200MHz, 96MB RAM. Supports any standard Windows soundcard and MIDI interfaces.

**AUDIO FEATURES** 32kHz, 44.1kHz, and 48kHz sample rates and WAV audio formats supported. 32kHz, 44.1kHz, and 48kHz internal A/D and D/A sample rates. 16-bit A/D and D/A.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer.

Delay and EQ. Check with manufacturer for other features.

### SAWPro

**DESCRIPTION** Multitrack digital audio recording software.

**SYSTEM REQUIREMENTS** Pentium II 266MHz, 128MB RAM, 1024x768 display. Supports any standard Windows soundcards and MIDI interfaces.

**AUDIO FEATURES** 32kHz, 44.1kHz, 48kHz, 96kHz, and custom sample rates. WAV audio formats supported. 32kHz, 44.1kHz, 48kHz, and hardware-dependent internal A/D and D/A sample rates. 24-bit A/D and D/A.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer. Delay, dynamics, and EQ. Check manufacturer for other features.

### MARK OF THE UNICORN

#### Digital Performer

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** Power Macintosh 601/100MHz or higher. Supports Korg 1210 I/O, Audiomeia II and III running under MOTU Audio System. Supports ProTools Project, ProTools III/TDM, and ProTools 24 running under DAE. Supports all MOTU MIDI Timepieces, Opcode, and any standard MIDI interface. Sound Manager, KORG 1212 I/O, Audiomeia II and III, and DAE 3.2.3 drivers supplied.

**AUDIO FEATURES** 48kHz, 44.1kHz, 22kHz, and 11kHz sample rates. AIFF, WAV, and SDII audio formats supported. 48kHz, 44.1kHz, 22kHz, and 11kHz internal A/D and D/A sample rates. 24-bit A/D and D/A. 24-bit support with ProTools 24 and MOTU 2408 Audio.

**EDITING FEATURES** Stereo tracks. Onscreen mixer. Chorus, delay, dynamics, EQ, flanger, pitch shift, and time compression/expansion, reverb, tube simulator, modulator, phase shifter, auto-pan, echo, tremolo, and others. Drag-and-drop sampler support, MIDI effects, and audio crossfades. MMC, MTC, DTL, standard beat clock, and tap tempo support. Groove, swing, randomize, strength, and humanize quantize types with 50 free DNA Grooves. Unlimited faders, knobs, buttons, and pop ups. Unlimited number of custom consoles per file.

### METALITHIC SYSTEMS

#### Digital Wings For Audio Elite

**DESCRIPTION** Multitrack digital audio recording software.

**SYSTEM REQUIREMENTS** PC: Pentium 133mhz running Windows 95, 32MB RAM, Fast IDE or UW SCSI drive.

**AUDIO FEATURES** Supports Digital Wings for Audio card.

**EDITING FEATURES** Onscreen mixer. Chorus, delay, dynamics, EQ, flanger, pitch shift, reverb, time compression/expansion. Track offset, cut/copy/paste editing, track bounce.

### MUSICATOR

#### Musicator Win

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** Pentium 133mhz running Windows 3.x/95, 16MB RAM. Supports all standard Windows audio interface cards and Yamaha DSP Factory.

**AUDIO FEATURES** 44.1kHz sample rate and WAV audio formats supported. 44.1kHz internal A/D and D/A sample rates. 16-bit A/D and D/A.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer.

### OPCODE

#### Vision DSP

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** PowerMac 601 running Mac OS 7.5, 32MB RAM, 11ms seek time drive, 7200rpm FW SCSI. Supports Apple Sound Manager, ASIO, Korg, Sonorus, Lexicon, Digidesign, Event, and Alesis audio interfaces. Supports all Mac MIDI interfaces and OMS, ASIO, DAE Direct I/O, and Sound Manager drivers.

**AUDIO FEATURES** 44.1kHz and 48kHz sample rates and AIFF, SDII, and QuickTime audio formats supported. 44.1kHz and 48kHz internal A/D and D/A sample rates. 24-bit A/D and D/A.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer. Chorus, delay, dynamics, EQ, flanger, pitch shift, and time compression/expansion. 24-bit audio, arpeggiator, generated sequences, Adjust Audio Tempo, and TruTone pitch shift. VST, ASIO, and Premiere effects support. 4 sends with 16 bus console system. Pulse Drum editing, extensive groove quantize, and custom key commands assignable to MIDI events.

#### Studio Vision Pro

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** Mac: 68030 (MIDI only) running Mac OS 7.5, 16MB RAM. Supports Korg 1212, Event, Sonorus, Lucid, Alesis, and

Digidesign audio interfaces. Supports all Mac MIDI interfaces and ASIO, DAE, and Sound Manager drivers.

**AUDIO FEATURES** 44.1kHz and 48kHz sample rates supported. Internal A/D and D/A sample rates hardware dependent.

**EDITING FEATURES** Onscreen mixer. Chorus, delay, dynamics, EQ, flanger, pitch shift, and time compression/expansion. TDM-routing, audio-to-MIDI, MIDI-to-audio conversion. 24-bit audio. EQ, arpeggiator, generated sequences, Adjust Audio Tempo, TruTone pitch shift, VST, ASIO, and Premiere effects support. 4 sends with 16 bus console system. Pulse drum editing, extensive groove quantize, and custom key commands assignable to MIDI events.

## PG MUSIC

### PowerTracks Pro Audio

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** 486 100MHz or faster, Windows 3.x/95/98/NT, 8MB RAM, 20MB free disk space. Supports any 16-bit Soundblaster-compatible, full-duplex soundcard audio interface. Supports any MPU-401-compatible MIDI interface. Windows drivers supplied by hardware interface manufacturer.

**AUDIO FEATURES** 44.1kHz sample rate. .WAV audio format. 44.1kHz and 22kHz internal A/D and D/A sample rates. 16-bit A/D and D/A.

**EDITING FEATURES** Waveform editing. Onscreen mixer. Chorus, delay, dynamics, EQ, flanger, gain, and compressor. SMPTE, MTC support. Sys-ex editor/librarian. 960 ppp. Displays and prints notation with chord symbols, lyrics, and karaoke-style lyrics. Onscreen guitar fretboard, tablature display, and printout. Automatic drum track creation, built-in Sound Canvas editor, and jukebox playback. Training CD-ROM included. Optional play-along CD-ROMs, \$20 each.

## SEK'D AMERICA

### Red Rooster 24

**DESCRIPTION** Mastering/CD burning software.

**SYSTEM REQUIREMENTS** Pentium 90MHz or higher, Windows 95/98/NT. Supports ProDif 24/32/Gold/96, ARC 88, or any soundcard audio interface with standard Windows drivers.

**AUDIO FEATURES** 96kHz, 88.2kHz, 64kHz, 48kHz, and 44.1kHz sample rates. 96kHz, 88.2kHz, 48kHz, and 44.1kHz internal A/D and D/A sample rates. AIFF, .WAV, and MPEG audio file formats. All A/D and D/A bit rates.

**EDITING FEATURES** Two stereo tracks. Waveform editing. On-the-fly CD burning, object editor, true 32-bit floating point.

### Samplitude Studio

**DESCRIPTION** Multitrack digital audio recording software.

**SYSTEM REQUIREMENTS** Pentium 90MHz or higher, Windows 95/98/NT, 1GB hard drive, 16MB RAM. Supports ARC 44/88, Digital ARC

88/216, ProDif 24/32/Gold/96, Layla, Darla, Gina, or any soundcard audio interface with standard Windows drivers. Supports any MPU-401 or other MIDI interface for sync to MTC, MIDI clock, SMPTE. Supports DirectX drivers.

**AUDIO FEATURES** 48kHz, 44.1kHz, 32kHz, and 22kHz sample rates. AIFF, .WAV, MPEG, and raw audio formats. All internal A/D and D/A sample rates. All A/D and D/A bit rates.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer. Delay, dynamics, EQ, pitch shift, time compression and expansion. Fader and pan automation, realtime on-the-fly CD burning, live mixer mode, punch-in/out. Noise reduction, enhancer, 3-band parametric EQ, 5-band parabolic EQ, room simulator, compressor, limiter, expander, gate, distortion, and digital delay. "Mix to File" mastering, draws volume and pan curves. Oscilloscope, FFT-Draw filter tool, waveform generator, sample dump, 100 levels of undo, and 32-bit floating internal processing. Multitrack record, multiple I/O support, full-motion video on screen and AVI support, and all forms of sync including MTC, SMPTE, and MIDI clock.

## SYNTRILLIUM SOFTWARE

### Cool Edit Pro

**DESCRIPTION** Multitrack digital audio recording software.

**SYSTEM REQUIREMENTS** 486 or faster running Windows 95/98/NT, 16MB RAM, 10MB free disk space. Supports any soundcard with standard Windows drivers.

**AUDIO FEATURES** 32kHz, 44.1kHz, 48kHz, and 96kHz sample rates and AIFF, WAV, and 25 more audio formats supported. 32kHz, 44.1kHz, and 48kHz internal A/D and D/A sample rates, 32-bit A/D and D/A.

**EDITING FEATURES** Stereo tracks. Waveform editing. Chorus, delay, dynamics, EQ, flanger, pitch shift, time compression/expansion, and 20 more FX. SMPTE/MTC sync. Frequency analysis, spectral display, find beats, dithering, noise reduction, click/pop reduction, de-clipping, compress/expand/limit, pan/expand, vocoder, tone and noise generation. MIDI triggering and realtime FX preview.

## TRACER

### Audio Pro

**DESCRIPTION** Multitrack digital audio recording software.

**SYSTEM REQUIREMENTS** Pentium 75MHz or higher with 16MB RAM and Windows 95/98. Supports any full-duplex, Windows-compatible audio interface card.

**AUDIO FEATURES** 48kHz, 44.1kHz, and 32kHz sample rates. .WAV audio format. 44.1kHz internal A/D and D/A sample rates. 16-bit A/D and D/A.

**EDITING FEATURES** Stereo tracks. Onscreen mixer. Chorus, delay, dynamics, EQ, and flanger. Full MIDI, AVI, and SMPTE sync support. Level and pan automation. RS-422 and Sony machine control.



BIAS Peak

Reader Service NO. 225

## VOYETRA/TURTLE BEACH

### Digital Orchestrator

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** 486 66MHz or faster, Windows 3.x/95/98/NT, 8MB RAM, and 10MB free disk space. Supports any Windows-compatible, full-duplex soundcard audio interface.

**AUDIO FEATURES** 44.1kHz sample rate. .WAV audio format. 44.1kHz internal A/D and D/A sample rates. 16-bit A/D and D/A.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer. Chorus, delay, dynamics, EQ, flanger, pitch shift, and time compression/expansion. Up to 1,000 MIDI tracks and 4 digital audio tracks. Prints sheet music. Includes sample songs, .WAV files, and companion CD.

### Digital Orchestrator Plus

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software.

**SYSTEM REQUIREMENTS** 486 66MHz or higher, Windows 3.x/95/98/NT, 8MB RAM, 10MB free disk space. Supports any Windows-compatible, full-duplex soundcard audio interface.

**AUDIO FEATURES** 44.1kHz sample rate. .WAV audio format. 44.1kHz internal A/D and D/A sample rates. 16-bit A/D and D/A.

**EDITING FEATURES** Stereo tracks. Waveform editing. Onscreen mixer. Chorus, delay, dynamics, graphic EQ, flanger, pitch shift, and time compression/expansion. Step record, markers, and MIDI graphic controller editor.

## Digital Audio Processing Software

## ANTARES AUDIO TECHNOLOGY

### Auto-Tune AS (Stand-alone)

**DESCRIPTION** Pitch correcting software.

MSRP \$399.

**PLATFORMS** Mac: 68020 (PowerPC recommended), System 7.0, 8MB RAM.

**HARDWARE** Audio interface: Supports any Sound Manager-compatible I/O card. Requires PowerPC Mac for realtime processing. Drivers: Apple Sound Manager 3.0 or later. Proprietary hardware: None.

**AUDIO FORMATS** Reads/writes AIFF.

### Infinity

**DESCRIPTION** Sample looping software.

MSRP \$325.

**PLATFORMS** Mac: 68030, System 7.0, 4MB RAM (8MB recommended).

**HARDWARE** Audio interface: Output from Digidesign and Lucid boards supported via Sound Driver extensions. Drivers: Apple Sound Manager.

**AUDIO FORMATS** Reads/writes AIFF and SDIL.

**EDITING FEATURES** Editing features: cut/copy/paste, realtime loop adjust, SPR looper, synthesis looper, rotated sums looper, freeze looper, crossfade looper, auto-scan.

## BIAS (BERKLEY INTEGRATED AUDIO SOFTWARE)



berkley integrated audio software

### Peak

**DESCRIPTION** Digital audio editing software.

MSRP \$499.

**PLATFORMS** Mac: PowerPC, System 7.5, 32MB RAM, 18hrs access-time hard drive.

**HARDWARE** Audio interface: Supports Digidesign Pro Tools 24 and Audio Media III; Korg 1212 I/O; Lucid PCI 24 and NB 24. Sample rates: 0Hz-65.536kHz. Bit depth: 8, 16, 24, 32. Drivers: Digidesign DAE, Sound Manager drivers for above-listed audio cards.

**AUDIO FORMATS** Reads/writes WAV, AIFF, SDIL, QuickTime, RealAudio, dual mono, and SND.

**EDITING FEATURES** Editing features: crossfades, cut/copy/paste, normalize, replace, insert, insert silence, silence, delete, crop. DSP: add, amplitude fit, change gain, sample rate conversion, convolve, crossfade loop, invert, fade in/out, gain envelope, find peak, loop tuner, mono-to-stereo/stereo-to-mono, mix, modulate, normalize, pan, repair clicks, DC offset, Reverse Boomerang, reverse, threshold, time compression, and time expansion.

**PLUGINS** Realtime and file-based. Digidesign TDM and AudioSuite; Adobe Premiere.

## CREAMWARE

### Pulsar

**DESCRIPTION** Dynamic effects processing software.

**MSRP** \$1,298.

**PLATFORMS** PC and Mac. PC: 200MHz Pentium.

**HARDWARE** Audio interface: supplied PCI hardware. Sample rates: 22, 32, 44.1, 48, and 96kHz. Bit depth: 16, 18, 20, and 24. Drivers: MME, DirectX, and ASIO VST (all supplied).

**EDITING FEATURES** DSP: chorus, delay, dynamics, EQ.

**PLUGINS** Realtime. DirectX, Pulsar/Scope.

### Scope

**DESCRIPTION** Sample editing software.

**MSRP** \$6,500.

**PLATFORMS** PC and Mac. PC: 200MHz Pentium. Mac: TBA.

**HARDWARE** Audio interface: supplied PCI card; optional I/O (tripleDAT, TDAT-16). Sample rates: 22-, 32-, 44.1-, 48-, and 96kHz. Bit depth: 16, 18, 20, and 24. Drivers: Scope.

**AUDIO FORMATS** Reads/writes WAV, AIFF, SDII, and Scope.

**EDITING FEATURES** Editing features: sample record/edit/map and play, synthesis (digital, analog, DSP, and mixing). DSP: acoustic modeling, chorus, delay, dynamics, EQ, flanger, pitch shift, time compression, and time expansion.

**PLUGINS** Realtime. Scope third-party and CreamWare.

## DIGIDESIGN

### Sound Designer II

**DESCRIPTION** Digital audio editing software.

**MSRP** \$495.

**PLATFORMS** Mac.

**HARDWARE** Audio interface: Any Digidesign recording system except Pro Tools 2.4. Bit depth: up to 24.

**AUDIO FORMATS** Reads WAV, SDII, and SND. Writes SDII.

**EDITING FEATURES** Editing features: crossfades, cut/copy/paste, and normalize. DSP: sample rate conversion, time compression, and time expansion.

**PLUGINS** SDII.

## DISSIDENTS

### Sample Wrench

**DESCRIPTION** Sample editing software.

**MSRP** \$259.

**PLATFORMS** PC and Amiga. PC: 66 MHz 486, 16MB RAM, Windows 95/98/NT. Amiga: 2MB RAM, Amiga DOS 2.0.

**HARDWARE** Audio interface: Any Windows-compatible soundcard. Sample rates: <8kHz to >50kHz, variable. Bit depth: 8 to 16.

**AUDIO FORMATS** Reads/writes VOC, WAV, AIFF, SD1, 8SVX, RAW, and S16. Also writes Real Audio.

**EDITING FEATURES** Editing features: crossfades, cut/copy/paste, and normalize. DSP: Resampling, maximize, compressor, noise gate, grunge, rectify, arbitrary transfer functions, cross multiply, differentiate, integrate, AM, FM, chorus, delay, dynamics, EQ, flanger, pitch shift, time compression and expansion, spectral warp.

### Sample Wrench XE

**DESCRIPTION** Sample editing software.

**MSRP** \$129.

**PLATFORMS** PC: 66 MHz 486, 16MB RAM, Windows 95/98/NT.

**HARDWARE** Audio interface: Any Windows-compatible soundcard. Sample rates: <8kHz to >50kHz, variable. Bit depth: 8 to 16.

**AUDIO FORMATS** Reads/writes VOC, WAV, AIFF, SD1, RAW, 8SVX, S16.

**EDITING FEATURES** Editing features: crossfades, cut/copy/paste, and normalize. DSP: resampling, AM, differentiate, integrate, rectify, replicate, crossfade loop, chorus, delay, dynamics, EQ.

## GADGET LABS

### WaveZip

**DESCRIPTION** File archiving software.

**MSRP** \$49.95.

**PLATFORMS** PC: 75 MHz Pentium, 16MB RAM, 1GB hard drive.

**HARDWARE** Sample rates: any. Bit depth: 8, 16.

**AUDIO FORMATS** Reads WAV and Cakewalk BUN. Writes MCP.

**EDITING FEATURES** Loss-free data compression.

**PLUGINS** File-based.

## INTELLIGENT DEVICES

### AD-1 Standalone

**DESCRIPTION** Realtime stereo analyzer

**MSRP** \$349.

**PLATFORMS** Mac: 68040 with Audiomeia card or PowerPC, System 7.6.

**HARDWARE** Audio interface: Supports Audiomeia II and III. Sample rates: 44.1 and 48kHz. Bit depth: 16. Drivers: Digidesign and Sound Manager.

**EDITING FEATURES** Spectrum analyzer. 70 dB range; peak hold bars. Peak and average metering clip indication, and headroom history. Left-right scope.

### AD-1 TDM

**DESCRIPTION** Realtime stereo analyzer.

**MSRP** \$449.

**PLATFORMS** Mac: 68040, System 7.6, 1.5MB free RAM.

**HARDWARE** Audio interface: Pro Tools hardware with DSP Farm card. Sample rates 44.1 and 48kHz. Bit depth: 16 to 24. Drivers: Digidesign.

**EDITING FEATURES** Spectrum analyzer. 70 dB range; peak hold bars. Peak and average metering clip indication, and headroom history. Left-right scope.

### Dessert

**DESCRIPTION** Noise reduction software.

**MSRP** \$249.

**PLATFORMS** PC and Mac. PC: Pentium, Windows 95, 2MB free RAM.

Mac: PowerPC, System 7.6, 2 MB free RAM.

**EDITING FEATURES** DSP: Noise reduction.

**PLUGINS** Realtime and file-based. VST.

### Fireball/Premiere

**DESCRIPTION** User-drawable EQ.

**MSRP** \$174.

**PLATFORMS** Mac: Power PC, System 7.6.

**HARDWARE** Sample rates/bit depth: all formats supported by Premiere.

**EDITING FEATURES** DSP: 40-band FIR EQ. Allows user to draw custom EQ curves. Stereo spectrum displays show before and after results. Stereo synthesizer.

**PLUGINS** Realtime.

### Fireball/VST

**DESCRIPTION** User-drawable EQ.

**MSRP** \$249.

**PLATFORMS** PC and Mac. PC: Pentium, Windows 95/98. Mac: PowerPC, System 7.6.

**EDITING FEATURES** DSP: 40-band FIR EQ. Allows user to draw custom EQ curves. Stereo spectrum displays show before and after results. Stereo synthesizer.

**PLUGINS** Realtime.

### I.Q.

**DESCRIPTION** Adaptive audio EQ

**MSRP** \$749.

**PLATFORMS** Mac: 68020, System 7.6, 1.5MB free RAM.

**HARDWARE** Audio interface: Pro Tools hardware with DSP card. Sample rates: up to 48kHz. Bit depth: up to 20 bits.

**EDITING FEATURES** DSP: Leans EQ information from one mix and applies it to another.

**PLUGINS** Realtime. TDM.

### SES

**DESCRIPTION** Forensic audio recovery

**MSRP** Call for price.

**PLATFORMS** Mac: 68020, System 7.6, 8MB free RAM.

**HARDWARE** Audio interface: Supports Audiomeia II and III. Sample rates: 44.1 and 48kHz. Bit depth: up to 20.

**EDITING FEATURES** Designed primarily for law enforcement and agency use; extracts human speech from noisy and acoustically hostile environments.

### Time Modulator

**DESCRIPTION** Delay processor.

**MSRP** \$249.

**PLATFORMS** PC and Mac. PC: Pentium, Windows 95, 2MB free RAM. Mac: PowerPC, System 7.6, 2MB free RAM.

**HARDWARE** Sample rates/bit depth: all.

**EDITING FEATURES** DSP: delay, flange, and double-tracking. Emulates Marshall Time Modulator analog delay. Includes all originally shipped presets.

**PLUGINS** Realtime and file-based. VST.

## METALITHIC SYSTEMS

### Digital Wings For Audio Elite

**DESCRIPTION** Multitrack digital audio editor.

**MSRP** \$1,248.

**PLATFORMS** PC: 133MHz Pentium, 32MB RAM.

**HARDWARE** Sample rates: 44.1 and 48kHz. Bit depth: 16 and 20. Drivers: Windows, ASIO. Proprietary hardware: 32-bit PCI card, 10x10 20-bit rackmount breakout box.

**AUDIO FORMATS** Reads SMP, VOC, WAV, AIFF, and RealAudio. Writes SMP, WAV, and AIFF.

**EDITING FEATURES** Editing features: cut/copy/paste, sample looping. DSP: chorus, delay, dynamics, EQ, flanger, pitch shift, time compression and expansion.

**PLUGINS** Future DirectX.

## METRIC HALO LABORATORIES

### MLM-100, Real Time Rack, SpectraFool

**DESCRIPTION** Audio metering software.

**MSRP** \$99.95, \$500, \$995.

**PLATFORMS** Mac: 180MHz PowerPC 603e, 6MB RAM, 1.5MB hard drive space.

**HARDWARE** Audio interface: Digidesign Audio Media III, Sonorus StudI/O, Korg 1212 I/O, Lucid PCI-24, Vortex PCM2000; also TDM version 3 hardware (NuBus or PCI). Sample rate: up to 48kHz. Bit depth resolution: Up to 24. Drivers: Supports above-listed cards and Sound Manager.

**AUDIO FORMATS** Reads/writes AIFF.

**EDITING FEATURES** MLM-100: Sample-accurate metering, triggerable waveform display, power balancing, and phase analysis on any number of input or output channels. Real Time Rack: Adds high-speed spectral analysis, Phase Torch, and a variety of power, envelope, and spectral histories. SpectraFool: Adds transfer function measurement system and Capture, Looping, and static analysis system.

### SpectraFoolHDSP

**DESCRIPTION** High-resolution audio metering.

**MSRP** \$TBD.

**PLATFORMS** Mac: 180MHz PowerPC 603e, 6MB RAM, 1.5MB hard drive space.

**HARDWARE** Audio interface: Sonic HDSP board. Sample rates: up to 192kHz. Bit depth: up to 24. Drivers: Sonic HDSP board.

**AUDIO FORMATS** Reads/writes Sonistudio.

**EDITING FEATURES** DSP: FFT, sample-accurate metering, triggerable waveform display, power balancing, phase analysis, high-speed spectral analysis, Phase Torch, and a variety of power, envelope, and spectral histories.

## MICROMAT

### SoundMaker

**DESCRIPTION** Digital audio editing software.

**MSRP** \$49.95.

**PLATFORMS** Mac: 680x0, System 7, 8MB RAM.

**HARDWARE** Sample rates: all. Bit depth: up to 32.

**AUDIO FORMATS** Reads/writes WAV, AIFF, SDII, QuickTime.

**EDITING FEATURES** Editing features: crossfades, cut/copy/paste, and normalize. DSP: chorus, delay, dynamics, EQ, flanger, pitch shift, time compression and expansion.

**PLUGINS** File-based. See SoundMagic FX listing.

## NEMESYS/EAST-WEST

### Gigasampler

**DESCRIPTION** Software Sampler.

**MSRP** \$795.

**PLATFORMS** PC: 233MHz Pentium II, Windows 95/98, 64MB RAM, 4GB hard drive with 512KB cache and 9.5ms access time.

**HARDWARE** Audio interface: Aardvark 20/20 (10 channels 20/24-bit), Turtle Beach Pinnacle, Creative Labs Sound Blaster AWE64 Gold. Sample rates: 32-, 44.1-, and 48kHz. Bit depth: 32-bit output dithered to bit depth of soundcard; 16-bit Akai, WAV, gig sample libraries. Drivers: Microsoft DirectSound, Aark 20/20 v 4.3.

**AUDIO FORMATS** Reads WAV, gig, and Akai. Writes WAV and gig.

**EDITING FEATURES** Editing features: crossfades, cut/copy/paste, and normalize. DSP: realtime resonant HP/LP/BR filters. Incl. Dissidents Sample Wrench XE.

**PLUGINS** Gigasampler.

## QDESIGN

### I-Media Audio MPEG Pro

**DESCRIPTION** MPEG 2 audio utility.

**MSRP** \$395 for electronic copy; \$495 for physical copy.

**PLATFORMS** PC: 100MHz Pentium, Windows 95/98/NT 4.0, 16MB RAM.

**HARDWARE** Sample rates: 8 to 48kHz. Bit rates (for streaming): 8 to 384kbps.

**AUDIO FORMATS** Reads/writes WAV and MPEG.  
**EDITING FEATURES** DSP: MPEG compression.

### MPEG Pro AudioSuite Plug-in for Pro Tools

**DESCRIPTION** MPEG 2 compression utility.  
**MSRP** \$495.

**PLATFORMS** Mac: PowerPC.

**HARDWARE** Audio Interface: ProTools 4.0. Sample rates: 16- 22.05-, 24-, 32-, 44.1-, and 48kHz. Bit depth: 16.

**AUDIO FORMATS** Reads SDII. Writes MPEG.

**EDITING FEATURES** DSP: MPEG 2 (layers 1 and 2) compression and decompression.

### QDesign Music Codec Professional Edition

**DESCRIPTION** QuickTime 3 audio codec.  
**MSRP** \$399.

**PLATFORMS** PC and Mac. PC: Pentium, Windows 95/98/NT 4.0. Mac: PowerPC, System 7.5.

**HARDWARE** Audio interface: Any supported by QuickTime 3. Sample rates: arbitrary. Bit depth: 16.

**AUDIO FORMATS** Reads WAV, AIFF, SDII, and QuickTime. Writes AIFF and QuickTime.

**EDITING FEATURES** Editing features: cut/copy/paste (provided by Movie Player Pro, included in QuickTime 3 Pro). DSP: data compression that delivers 44.1kHz stereo in real time over a 28.8kbps modem.

### SEK'D

#### Samplitude 2496

**DESCRIPTION** Mastering Software  
**MSRP** \$1,499.

**PLATFORMS** PC: 166MHz Pentium, 1GB hard drive, 16MB RAM, Windows 95/98/NT.

**AUDIO FORMATS** Reads/writes WAV, AIFF, and MPEG.

**EDITING FEATURES** Editing features: crossfades, cut/copy/paste, and normalize. DSP: dynamic filtering, FFT filter and analyzer, delay, multi-band dynamics, multi-band enhancer, 3-band parametric EQ, 5-band parametric EQ, pitch shift, time compression and expansion, de-noiser, de-clipper, real-time hiss removal.

**PLUGINS** Realtime. DirectX, native 32-bit floating point effects.

### SONIC DESKTOP SOFTWARE

#### Smartsound for Multimedia

**DESCRIPTION** Soundtrack creation software.  
**MSRP** \$259.

**PLATFORMS** PC and Mac. PC: 386, 4MB hard drive, 4MB RAM, soundcard, CD-ROM. Mac: 68020, 2MB hard drive, 4MB RAM, CD-ROM.

**HARDWARE** Sample rates: 11-, 22-, and 44.1kHz. Bit depth: 8 and 16.

**AUDIO FORMATS** Reads WAV, AIFF, proprietary. Writes WAV, AIFF, AU, QuickTime, and RealAudio.

**EDITING FEATURES** Editing Features: Drag and drop audio blocks on timeline. DSP: chorus, delay, dynamics, EQ, flange, pitch shift, reverb, time compression and expansion.

### SONIC FOUNDRY

#### Acid

**DESCRIPTION** Digital audio editing software.  
**MSRP** \$399.

**PLATFORMS** PC: 133MHz Pentium, Windows 95/98/NT, 32MB RAM, 300MB hard drive.

**HARDWARE** Audio interface: Windows-compatible soundcard. Sample rates: 11.025 to 48kHz. Bit depth: 16 or 24-bit.

**AUDIO FORMATS** Reads WAV and AIFF. Writes WAV, AIFF, ASF, ACD.

**EDITING FEATURES** Editing features: crossfades and cut/copy/paste. Multiple track looping and editing. DSP: realtime time compression, time expansion, and pitch shift; automatic matching of loop tempos and pitch; volume, pan, and effect-level envelopes.

**PLUGINS** Realtime. DirectX.

#### CD Architect

**DESCRIPTION** CD burning software.  
**MSRP** \$395.

**PLATFORMS** PC: 486 (Pentium recommended), Windows 95/98/NT, 16 MB RAM, 300MB disk space.

**HARDWARE** Audio interface: Any Windows-compatible soundcard, supported CD recorder (listed at [www.sonicfoundry.com/CDArchitect/dvnsupp.html](http://www.sonicfoundry.com/CDArchitect/dvnsupp.html)). Sample rates: 44.1kHz. Bit depth: 16-bit.

**AUDIO FORMATS** Reads WAV. Writes WAV and .CDA.

**EDITING FEATURES** Editing features: crossfades.

#### Sound Forge

**DESCRIPTION** Digital audio editing software.  
**MSRP** \$499.

**PLATFORMS** PC: 66MHz 486DX, Windows 95/98/NT, 16MB RAM.

**HARDWARE** Audio interface: Any Windows-compatible soundcard. Sample rates: 2kHz to 96kHz. Bit depth: 8 and 16.

**AUDIO FORMATS** Reads/writes SMP, VOC, WAV, AIFF; also writes RealAudio and NetShow ASF.

**EDITING FEATURES** Editing features: crossfades, cut/copy/paste, normalize, trim/crop, mix, loop editing. DSP: Chorus, delay, dynamics, EQ, flanger, pitch shift, time compression and expansion, Spectrum Analysis.

**PLUGINS** Realtime and file-based. DirectX.

### STEINBERG

#### ReCycle!

**DESCRIPTION** Sampled Groove Editing Software.  
**MSRP** \$199.

**PLATFORMS** PC and Mac. PC: 33MHz 386DX, 4MB RAM, SCSI card. Mac: 68030, System 7.1, 4MB RAM.

**HARDWARE** Audio interface: PC: 16-bit MME soundcard. Mac: Sound Manager. Supported sampler (SampleCell, Akai S1000/2000/3000-series; Roland S-760; E-mu ESI-32, E64, EIV; Ensoniq EPS 16, 16+; Kurzweil K2000/2500). Sample rates: sampler dependent. Drivers: MSO required for K2000/2500 and S-760.

**AUDIO FORMATS** Reads WAV, AIFF, SDII, and QuickTime. Writes WAV, AIFF, REX, and SDII.

**EDITING FEATURES** Editing features: normalize. DSP: slices a loop into individual sounds (hits) then transmits them to a sampler putting each hit on a separate key. Creates a MIDI file to trigger the hits.

#### SonicWorx Artist Pro

**DESCRIPTION** Digital audio editing software.  
**MSRP** \$349.

**PLATFORMS** Mac: PowerPC, 16MB RAM, System 7.5.3.

**AUDIO FORMATS** Reads/writes AIFF and SDII.

**EDITING FEATURES** Editing features: crossfades, cut/copy/paste, and normalize. DSP: dynamics, EQ, pitch shift, time compression and expansion, vocoder, ring modulator, chorus, flanger, reverb, distortion, maximizers, audio morphing, transform and multiply, telephone-line simulator, formant shaper, wow and flutter, Drumloop Jungelizer, Atmosphere Designer, Tubulator, Cellular Morphing, and Turbulence.

**PLUGINS** File-based.

#### SonicWorx PowerBundle

**DESCRIPTION** Digital audio editing software.  
**MSRP** \$949.

**PLATFORMS** Mac: PowerPC, 16MB RAM, System 7.5.

**AUDIO FORMATS** Reads/writes AIFF and SDII.

**EDITING FEATURES** Editing features: crossfades, cut/copy/paste, and normalize. DSP: dynamics, EQ, pitch shift, time compression and expansion, vocoder, ring modulator, chorus, flanger, reverb, distortion, maximizers, audio morphing, transform and multiply, telephone-line

simulator, formant shaper, wow and flutter, Drumloop Jungelizer, Atmosphere Designer, Tubulator, Cellular Morphing, and Turbulence.

**PLUGINS** Realtime and file-based.

#### Time Bandit

**DESCRIPTION** Digital audio editing software.  
**MSRP** \$399.

**PLATFORMS** Mac: 68020, System 7.

**HARDWARE** Audio interface: Sound Manager, Digidesign soundcards. Sample rates: 44.1kHz and 48kHz. Bit depth: 16. Drivers: Digidesign sound drivers supplied.

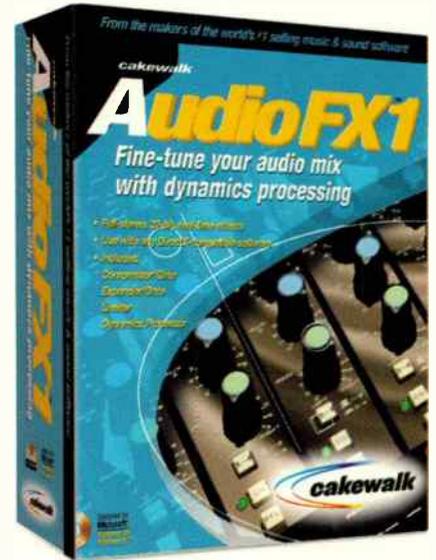
**AUDIO FORMATS** Reads/writes AIFF and SDII.

**EDITING FEATURES** DSP: pitch shift, time compress and expand, harmonize, tempo calculator.

#### WaveLab

**DESCRIPTION** Digital audio editing software.  
**MSRP** \$499.

**PLATFORMS** PC: 100MHz Pentium, 16MB RAM, Windows 95/NT.



Cakewalk AudioFX1

Reader Service NO. 227



BIAS SFX

Reader Service NO. 226

# Vital Stats: Plug-In Software For Digital Audio

See listings on page 157.

MODEL	PLATFORMS	EFFECT TYPES	MSRP
<b>Arboretum Systems Hyperprism</b>	PC, Mac. Pro Tools TDM and Steinberg Cubase VST.	EQ, gate, fast spectral analysis, 5 bands of gated EQ for dynamic noise reduction, limiting, expansion, and compression.	Cubase VST, \$349; Pro Tools TDM, \$945.
<b>Arboretum Systems Ionizer</b>	Mac. Any Premiere-compatible application including Deck II, Peak, Studio Vision, Digital Performer, Turbo Morph.	EQ, pitch shift, dynamics, fast spectral analysis, 512 bands of gated EQ for dynamic noise reduction, limiting, expansion, and compression.	\$795.
<b>BIAS SFX Machine</b>	Mac. BIAS Peak/Peak LE, Opcode Vision/Studio Vision, Adobe Premiere, EMagic Logic Audio, MOTU Digital Performer, and Cakewalk Metro.	Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, enhancer, exciter, filter FX, flange, gate, overdrive, pitch shift, rotary, subharmonic FX, 3-D FX, vocoder, wah, 60's tremolo, guitar tuning, graphic EQ, theremin, telephone ring, doppler passby, modulated auto-pan, distortion, notch filter, noise gate, deep chorus, and more.	\$299.
<b>Cakewalk Audio FX 1</b>	PC. Any DirectX-compatible program including Cakewalk Pro Audio, Professional, Home Studio, and Guitar Studio, Cubase VST, WaveLab, Sound Forge, and Cool Edit Pro.	Compressor/gate, expander/gate, limiter, and dynamics processor.	\$199.
<b>Cakewalk QTools/AX</b>	PC. Any DirectX-compatible program including Cakewalk Pro Audio, Professional, Home Studio, and Guitar Studio, Cubase VST, WaveLab, Sound Forge, and Cool Edit Pro.	3-D FX and QX/AX stereo soundfield expander, QSYS/AX mono-to-3D expander, and Q123/AX mono-to-stereo expander.	\$219.
<b>Cameo/DUY DSPider TDM</b>	Mac. Pro Tools TDM, NuBus and PCI Pro Tools III, and Pro Tools 24.	Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, enhancer, exciter, filter FX, flange, gate, overdrive, pitch shift, reverb, rotary, subharmonic FX, 3-D FX, vocoder, and wah.	\$1,499.
<b>Cameo/QSound Labs QX/SD2</b>	Mac. NuBus Sound Designer II.	3-D FX.	\$195.
<b>Cameo/Antares AutoTune</b>	PC and Mac. Any programs supporting TDM, VST, Digital Audio Labs V8, or DirectX plug-ins.	Pitch shift and realtime pitch correction of voice or solo instruments.	TDM, \$599; VST, \$399; DAL V8, \$599; DirectX, TBD.
<b>Cameo/Antares Jupiter Voice Processor</b>	Mac. Pro Tools TDM, Sound Designer.	Delay, echo, EQ, gate, de-esser, compressor/gate, 3-band parametric EQ with 5 filter types, 6-tap delay.	Pro Tools TDM, \$499; Sound Designer, \$199.
<b>Cameo/Antares Multiband Dynamics Tool</b>	Mac. Pro Tools TDM, Sound Designer II.	EQ, gate, compressor, limiter, expander, downward expander/gate, soft knee compressor/limiter, tube-style compander, or any combination of the above. De-esser, spectral enhancer, dynamic EQ, compressor, limiter, and expander in multiband mode.	Pro Tools TDM, \$599; Sound Designer II, \$249.
<b>Cameo/Antares Spectral Shaping Tool</b>	Mac. NuBus. Pro Tools TDM.	Physical modeling calibration of speakers and other non-digital audio hardware.	\$499.
<b>Cameo/Crystal River Protron</b>	Mac. Pro Tools TDM.	3-D spatial enhancement/placement of sound in virtual stereo field.	\$799.
<b>Cameo/Desper Spatializer AS3D/PT3D/PC3D</b>	PC and Mac. AS3D version supports AudioSuite, PT3D supports Pro Tools TDM, and PC3D supports Direct X.	3-D audio FX and spatial enhancement/placement of sound in virtual stereo field.	AS3D and PC3D, \$299; PT3D, \$399.
<b>Cameo/DUY Dad Tape</b>	Mac. Any Pro Tools TDM bus-compatible application.	Analog tape simulator.	\$599.
<b>Cameo/DUY DUY Shape</b>	Mac. Any Pro Tools-compatible, Premiere-compatible, Cubase VST-compatible programs, and Pro Tools with AudioSuite.	4 independent signal-shaping devices capable of EQ, dynamics, and other functions.	Pro Tools TDM, \$699; Sound Designer II, \$439; VST, \$469.
<b>Cameo/DUY DUY Valve</b>	Mac. Any Pro Tools-compatible, Premiere-compatible, Cubase VST-compatible programs, and Pro Tools with AudioSuite.	Physical modeling algorithm simulations of classic valve tube sounds.	Pro Tools TDM, \$799; Sound Designer II, \$469; VST \$469; Premiere, \$149; AudioSuite, \$469.
<b>Cameo/DUY DUY Wide</b>	Mac. Pro Tools TDM, Steinberg VST, Adobe Premiere, AudioSuite, Sound Designer II.	Stereo field enhancer.	Pro Tools TDM, \$399; Sound Designer II, \$299; VST, \$299; Premiere, \$129; AudioSuite, \$299.
<b>Cameo/DUY Max DUY</b>	Mac. Any Pro Tools-compatible, Premiere-compatible, Cubase VST-compatible programs, and Pro Tools with AudioSuite.	Dynamics, EQ, and sound level maximizer with ILO algorithm.	Pro Tools TDM, \$399; Sound Designer II, \$299; VST, \$299; Premiere, \$149; AudioSuite, \$299.
<b>Cameo/Gallery Software DAT Studio</b>	Mac. Pro Tools hardware- and software-compatible.	Over 2X realtime timecode DAT transfers via SCSI.	\$2,995.
<b>Cameo/Inagram GRM Tools Volume 1</b>	Mac. Pro Tools TDM.	Shuffling, EQ, doppler simulation, and comb filters.	\$499.
<b>Cameo/Inagram GRM Tools Volume 2</b>	Mac. Pro Tools TDM.	Bandpass, multi-delay, time freezing, and pitch shifting.	\$499.
<b>Cameo/Intelligent Devices AD-1 Pro Audio Analyzer</b>	Mac. Pro Tools TDM.	Audio analyzer.	\$499.
<b>Cameo/Intelligent Devices I.Q.</b>	Mac. Pro Tools TDM.	EQ.	\$749.

MODEL	PLATFORMS	EFFECT TYPES	MSRP
<b>Cameo/QSound Labs QX/TDM</b>	Mac. ProTools TDM, AudioSuite.	3-D FX	\$195.
<b>Cameo/QSound Labs QSYS/TDM</b>	Mac. Pro Tools.	3-D FX.	\$495.
<b>Cameo/QSound Labs QTools/AX</b>	PC, Windows 95/NT. Direct X/Active Movie, Cakewalk Pro Audio, Sound Forge 4.0, and Steinberg WaveLab.	3-D FX and QSYS/AX mono-to-3D localizing processor. QX/AX stereo soundfield 3-D virtual enhancer. Q123 mono-to-QSound 3D simulated stereo.	\$219.
<b>CreamWare Pulsar</b>	PC and Mac. All Windows-based integrated audio/MIDI applications, Cubase VST.	Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, enhancer, exciter, filter FX, flange, gate, overdrive, pitch shift, reverb, rotary speaker, subharmonic FX, 3-D FX, vocoder, and wah.	\$1,298.
<b>CreamWare Scope</b>	PC and Mac.	Auto-pan, auto-wah, chorus, delay, distortion, echo, EQ, enhancer, exciter, filter FX, flange, gate, overdrive, pitch shift, reverb, rotary, subharmonic FX, 3-D FX, vocoder, and wah.	\$6,500.
<b>Digidesign DPP-1 Pitch Processor</b>	Mac. Pro Tools TDM.	Delay, pitch shift.	\$495.
<b>Digidesign D-Fi</b>	Mac. Pro Tools with DAE Powermix (TDM and AudioSuite).	Distortion, pitch shift, subharmonic FX, sample rate reduction, bit rate reduction, ring modulation, frequency modulation, aliasing filter, noise generator, LFO modulator, envelope follower, sample and hold, trigger and hold, full wave rectifier, and speed control.	\$395.
<b>Digidesign D-Verb</b>	Mac. Pro Tools with DAE Powermix (TDM and AudioSuite).	Reverb.	\$495.
<b>Digidesign DINR</b>	Mac. Pro Tools with DAE Powermix (TDM and AudioSuite).	Intelligent noise reduction.	
<b>Digidesign D-fx</b>	Mac. Pro Tools with DAE Powermix (AudioSuite only).	Chorus, delay, flange, reverb, multi-tap and ping-pong delays.	\$249.
<b>Digidesign Focusrite d2 Multi-Band Equalizer</b>	Mac. Pro Tools TDM.	6-band, 4-band, dual/single band, stereo, and mono EQ modules.	\$995.
<b>Digidesign Focusrite d3 Compressor/Limiter</b>	Mac. Pro Tools (TDM and AudioSuite).	Compressor, limiter, compressor/limiter.	\$795.
<b>Event Electronics DSP/FX Virtual Pack</b>	PC, Window 95/98/NT. Works with any DirectX-compatible program or in standalone mode for file-based processing.	Auto-pan, chorus, delay, echo, EQ, flange, pitch shift, and reverb.	\$299.
<b>Gadget Labs WaveWARM</b>	PC. Any program that supports DirectX plug-ins.	Distortion, overdrive, analog tape saturation, and analog master limiting.	\$99.95.
<b>Intelligent Devices AD-1 TDM</b>	Mac. ProTools and any DAE engine-compatible programs.	Analyzer and sum difference monitor.	\$449.
<b>Intelligent Devices I.Q.</b>	Mac. ProTools and any DAE engine compatible application.	EQ, enhancer, filter FX and track matching and mastering EQ.	\$749.
<b>Intelligent Devices Fireball Premiere</b>	Mac. Any Premiere-compatible program.	FIR EQ and stereo synthesizer.	\$174.
<b>Intelligent Devices Fireball VST</b>	PC and Mac. Cubase VST.	FIR EQ and stereo synthesizer.	\$249.
<b>Intelligent Devices Time Modulator</b>	Mac. Any VST-compatible program.	Auto-pan, auto-wah, chorus, delay, echo, enhancer, filter FX, flange, overdrive, pitch shift, rotary speaker, vocoder, and wah.	\$249.
<b>Intelligent Devices Desert</b>	Mac. Any VST-compatible program.	Advanced noise reduction .	\$249.
<b>Lexicon Lexiverb</b>	Mac. ProTools 4.0 or later.	Chamber, plate, gate, and inverse reverb algorithms.	\$699.
<b>Line 6 Amp Farm</b>	Mac with Pro Tools TDM PCI hardware. Pro Tools, Digital Performer, Studio Vision Pro, Cubase Audio, and Logic Audio.	Overdrive, classic tube-type, and miked speaker cabinet guitar amplifier emulations.	\$595.
<b>Metric Halo Laboratories SpectraFootDM</b>	Mac. ProTools 24 and 4.0.1 or greater with TDM version 3 hardware.	Audio metering and analysis.	\$500.
<b>Michael Norris SoundMagic FX</b>	Mac. MicroMat Soundmaker.	Delay, echo, EQ, filter FX, pitch shift, reverb, subharmonic FX, vocoder, granular synthesis, time stretching, spectral effects, and loop tweaking.	\$15.
<b>Opcode Fusion Filter</b>	PC and Mac. Premier, AudioSuite, DirectX, Cubase VST, and Pro Tools TDM.	Filter FX.	\$199.95.
<b>Opcode Fusion Vocode</b>	PC and Mac. Premiere, Direct X, Audiosuite, VST, and Pro Tools TDM.	Vocoder.	\$149.95.
<b>Opcode Fusion Vinyl</b>	PC and Mac. Premiere, Direct X, AudioSuite, and Cubase VST.	Vinyl replicator.	\$99.95.
<b>Sonic Foundry Acoustic Mirror</b>	PC. Any Direct X-compatible application.	Reverb and microphone emulation.	\$249.
<b>Sonic Foundry Direct X Noise Reduction</b>	PC. Any Direct X-compatible application.	Noise analysis and removal, click removal, and vinyl restoration.	\$349.
<b>Sonic Foundry XFX1</b>	PC. Any Direct X-compatible application.	Chorus, delay, gate, pitch shift, reverb, and time compress/expand.	\$149.

MODEL	PLATFORMS	EFFECT TYPES	MSRP
<b>Sonic Foundry XFX2</b>	PC. Any Direct X-compatible application.	EQ, gate, graphic and multiband dynamics compression.	\$149.
<b>Sonic Foundry XFX3</b>	PC. Any Direct X-compatible application.	Distortion, flange, smooth/enhance, gapper/snipper, wah, and vibrato.	\$149.
<b>Steinberg DeClicker VST/TDM</b>	PC and Mac. Cubase VST, Pro Tools TDM-compatible, and most DirectX-compatible applications.	Filter FX.	\$399.
<b>Steinberg DeNoiser VST</b>	PC and Mac. Cubase VST and most DirectX-compatible applications.	Filter FX.	\$399.
<b>Steinberg Free Filter VST</b>	PC and Mac. Cubase VST and most DirectX-compatible applications.	EQ and filter FX.	\$399.
<b>Steinberg Free-D</b>	Mac. Cubase VST.	3-D FX.	\$199.
<b>Steinberg Ambisone</b>	Mac. Cubase VST.	3-D FX.	\$199.
<b>Steinberg Loudness Maximizer VST/TDM</b>	PC and Mac. Cubase VST, TDM, and most DirectX-compatible applications.	Loudness enhancer.	\$399.
<b>Steinberg AudioTrack</b>	PC and Mac. Cubase VST, WaveLab.	EQ, gate, and compression.	\$249.
<b>Steinberg Magneto</b>	PC and Mac. Cubase VST (Mac and PC), WaveLab (PC only), TDM systems.	Enhancer, exciter, filter FX, and overdrive.	\$399.
<b>Steinberg Red Valve II</b>	Mac. Cubase VST, TDM-compatible applications.	Distortion, EQ, and enhancer.	\$199.
<b>Steinberg D-Pole</b>	PC and Mac. Cubase VST, WaveLab.	Resonant filter.	\$199.
<b>Steinberg Roomulator</b>	Mac. Cubase VST.	Echo, reverb.	\$399.
<b>Steinberg Spectralizer</b>	PC and Mac. Cubase VST, WaveLab, TDM-compatible, and most DirectX-compatible applications.	Enhancer, exciter, filter FX.	\$399.
<b>Steinberg Vocxiter</b>	Mac. Cubase VST.	EQ, enhancer, exciter, filter FX, and gate.	\$399.
<b>Steinberg Dynasone</b>	Mac. Cubase VST.	EQ, enhancer, exciter, filter FX.	\$399.
<b>Synchro Arts ToolBelt</b>	Mac. Pro Tools.	Time compression/expansion.	\$425.
<b>Synchro Arts VocAlign</b>	PC and Mac. Pro Tools, Soundscape, SADiE.	Automatic audio alignment.	\$995.
<b>TC Works TC Native Reverb for Windows</b>	PC, Windows 95/98/NT 4.0. DirectX- and VST-compatible audio applications including Cakewalk, SoundForge, Logic, Cubase VST, WaveLab, Cool Edit Pro, Samplitude Studio.	Reverb.	\$549.
<b>TC Works TC Native Reverb for Mac</b>	Mac, 040/166MHz and faster. All VST-compatible audio applications including Logic, Cubase, and Peak.	Reverb.	\$549.
<b>TC Works TC Native EQ for Windows</b>	PC, Pentium 133MHz or faster for realtime operation. Direct X- and VST-compatible audio applications including Cakewalk, Cool Edit Pro, Sound Forge, WaveLab, Logic, Cubase VST, and Peak.	EQ.	\$549.
<b>TC Works TC Native Essentials for Windows</b>	PC, Pentium 133MHz or faster for realtime operation. Direct X-compatible audio applications such as Cakewalk, Cool Edit Pro, Sound Forge, WaveLab, Logic, Cubase VST, and Peak.	EQ, reverb, and dynamics.	\$349.
<b>TC Works TC Reverb for Soundscape</b>	PC. Soundscape.	Reverb.	\$699.
<b>TC Works TC Dynamizer for Soundscape</b>	PC. Soundscape.	Multiband dynamics processing.	\$799.
<b>TC Works TC MasterX for Pro Tools</b>	Mac. Pro Tools TDM-compatible applications.	Multiband dynamics processing.	\$995.
<b>TC Works TC Reverb for Pro Tools</b>	Mac. Pro Tools TDM-compatible applications.	Reverb.	\$699.
<b>TC Works TC Tools for Pro Tools</b>	Mac. Pro Tools TDM-compatible applications.	Chorus, delay, EQ, flange, and reverb.	\$995.
<b>Terzoid WaveShop by Audio Ecstasy</b>	PC. Any DirectX-compatible application including Cakewalk and SoundForge.	Gate and 5-stage dynamics processing with compressor, limiter, de-esser, gate, and gain leveler.	\$39.95.
<b>Wave Distribution PurePitch/Pitch Doctor Bundle</b>	Mac. ProTools TDM.	Chorus, enhancer, pitch shift, reverb, and automatic pitch correction/vocal tuning.	\$695.
<b>Waves Renaissance EQ</b>	PC and Mac. Digital Performer, Logic Audio, Studio Vision Pro, Peak, Metro, Pro Tools, Cubase VST, SoundEdit 16, Deck II 2.5, Premiere, MultiRack, WaveConvert Pro, TurboMorph, Sound Forge, Acid, Cakewalk, WaveLab, Cool Edit Pro, and Samplitude.	EQ.	\$300.
<b>Waves MaxxBass</b>	PC and Mac. Digital Performer, Studio Vision Pro, Logic Audio, Metro, Peak, Pro Tools, Cubase VST, SoundEdit 16, Deck II, Premiere, TurboMorph, WaveConvertPro, MultiRack, Sound Forge, Acid, Cakewalk, WaveLab, Cool Edit Pro, and Samplitude.	PsychoAcoustic bass enhancer.	\$300.

MODEL	PLATFORMS	EFFECT TYPES	MSRP
<b>Waves DeEsser</b>	PC and Mac. Digital Performer, Studio Vision Pro, Logic Audio, Metro, Peak, Pro Tools, Cubase VST, SoundEdit 16, Deck II, Premiere, TurboMorph, WaveConvertPro, MultiRack, Sound Forge, Acid, Cakewalk, WaveLab, Cool Edit Pro, and Samplitude.	De-essing.	\$200.
<b>Waves Renaissance Compressor</b>	PC and Mac. Digital Performer, Studio Vision Pro, Logic Audio, Metro, Peak, Pro Tools, Cubase VST, SoundEdit 16, Deck II, Premiere, TurboMorph, WaveConvertPro, MultiRack, Sound Forge, Acid, Cakewalk, WaveLab, Cool Edit Pro, and Samplitude.	Analog-style compression.	\$300.
<b>Waves PS22 StereoMaker</b>	Mac. TDM, MultiRack.	Mono-to-stereo converter.	\$300.
<b>Waves TDM Bundle</b>	Mac. Digital Performer, Studio Vision Pro, Logic Audio, Metro, Peak, ProTools, Cubase VST, SoundEdit 16, Deck II, Premiere, TurboMorph, WaveConvertPro, MultiRack, .	EQ, gate, reverb, stereo imaging, paragraphic EQ, compressor/limiter.	\$1,000.
<b>Waves Gold Bundle</b>	Mac. Digital Performer, Studio Vision Pro, Logic Audio, Metro, Peak, Pro Tools, Cubase VST, SoundEdit 16, Deck II, Premiere, TurboMorph, WaveConvertPro, and MultiRack.	EQ, gate, reverb, limiter, compressor/gate, paragraphic EQ, stereo imaging, and bass enhancer.	\$2,300.
<b>Waves Native Power Pack</b>	PC and Mac. Digital Performer, Studio Vision Pro, Logic Audio, Metro, Peak, Pro Tools, Cubase VST, SoundEdit 16, Deck II, Premiere, TurboMorph, WaveConvertPro, and MultiRack.	EQ, gate, reverb, limiter, compressor/gate, paragraphic EQ, and stereo imager.	\$495.
<b>Waves DSP for Windows Bundle</b>	PC. Digital Audio Labs V8-compatible applications.	EQ, gate, reverb, limiter, compressor/gate, paragraphic EQ, and stereo imager.	\$1,000.
<b>Waves EasyWaves Bundle</b>	PC and Mac. Digital Performer, Studio Vision Pro, Logic Audio, Metro, Peak, Pro Tools, Cubase VST, SoundEdit 16, Deck II, Premiere, TurboMorph, WaveConvertPro, and MultiRack.	EQ, reverb, and compressor.	\$150.
<b>ZH Computer DART DeClick</b>	PC. Any DirectX-compatible application including Sound Forge, Calkwalk, and Cool Edit.	Removes impulsive disturbances or sounds such as clicks and pops.	\$149.
<b>ZH Computer DART DeHiss</b>	PC. Any DirectX-compatible application including Sound Forge, Calkwalk, and Cool Edit.	Removes windband noise including hiss sounds and distortions.	\$149.

**HARDWARE** Audio interface: Most MME/MPC-compatible 16-bit soundcards. Sample rates: up to 96kHz. Bit depth: 8, 16, 20, and 24 (hardware dependent). Supported SCSI CD recorder for burning CDs (drives listed at [www.us.steinberg.net](http://www.us.steinberg.net)).

**AUDIO FORMATS** Reads/writes WAV, AIFF, Raw, AU, and Paris. Also writes MPEG.

**EDITING FEATURES** Editing features: crossfades, cut/copy/paste, normalize, DC offset, gain change, fade in, fade out, invert phase, sample looping. DSP: reverb, chorus, delay, dynamics, EQ, flanger, pitch shift, time compression and expansion, harmonize, spectrum analyzer, auto-panning, parametric EQ, leveler, channel swap, MS processing, puncher, peak master, noise gate.

**PLUGINS** Realtime. VST, Wavelab, and Direct X.

## SYNCHRO ARTS

### Titan

**DESCRIPTION** Batch file processing software.

**MSRP** \$995.

**PLATFORMS** Mac: PowerPC.

**HARDWARE** Sample rates: 32kHz to 48kHz. Bit depth: 8 and 16.

**AUDIO FORMATS** Reads SDII. Writes SDII and Pro Tools session.

**EDITING FEATURES** DSP: Automatically corrects sync of conformed audio in Pro Tools session by adjusting conformed regions to work track. Cuts and names transferred audio according to an EDL. Reconforms Pro Tools sessions using an EDL Change List. Flash conforms audio using an EDL.

**PLUGINS** File-based. Pro Tools and Avid Audiovision.

### VocAlign

**DESCRIPTION** Audio Alignment Software.

**MSRP** \$995.

**PLATFORMS** PC and Mac. PC: Pentium, Windows 95/NT. Mac: PowerPC.

**HARDWARE** Audio interface: PC: SADiE or Soundscape. Mac: Pro Tools. Sample rates: 32kHz to 48 kHz. Bit depth: 8 to 24.

**AUDIO FORMATS** Reads/writes WAV and SDII.

**EDITING FEATURES** DSP: automatically aligns one audio signal to another in seconds; time compression and expansion.

**PLUGINS** File-based. Pro Tools, SADiE, and Soundscape.

## SYNTRILLIUM SOFTWARE

### Cool Edit 96

**DESCRIPTION** Digital audio editing software.

**MSRP** \$50.

**PLATFORMS** PC: 486, Windows 95/98/NT, 8MB RAM, 5MB free HD space.

**HARDWARE** Audio interface: Supports all soundcards with standard Windows drivers. Sample rates: 1Hz to 98KHz. Bit depth: 8 and 16.

**AUDIO FORMATS** Reads/writes SMP, VOC, WAV, and AIFF; also writes RealAudio.

**EDITING FEATURES** Editing features: crossfades, cut/copy/paste, normalize, mix paste, zero cross, DSP: chorus, delay, dynamics, EQ, flanger, pitch shift, time compression and expansion, modulate by wave, tone, DTMF tone, noise generation, frequency analysis, distortion, dithering/sample conversion.

**PLUGINS** File-based.

## ZH COMPUTER

### DART Pro 32

**DESCRIPTION** Digital Audio Restoration Software.

**MSRP** \$399.

**PLATFORMS** PC: Pentium II.

**HARDWARE** Audio interface: All 16-bit Windows-compatible soundcards. Most SCSI/IDE CD-R and CD-RW devices.

**AUDIO FORMATS** Reads WAV and Raw. Writes WAV.

**EDITING FEATURES** Editing features: crossfades, cut/copy/paste, and normalize. DSP: noise reduction.

## Plug-In Software For Digital Audio

See chart at page 154.

## ARBORETUM SYSTEMS

### Hyperprism, Ionizer

## BIAS



Berkley Integrated Audio Software

### SFX Machine

**FEATURES** Includes modular synthesis DSP Construction Kit for creating totally new effects and randomize button for randomly configuring patches.

## CAKEWALK



### Audio FX 1

**FEATURES** Factory and user-definable presets, realtime I/O level monitoring, stereo couplings, side-chaining, and normal or soft-knee compression/expansion. RMS, average, and peak detection types. 96dB maximum compression/expansion.

### QTools/AX

**FEATURES** Factory and user-definable presets, clipping/attenuation indicator, and adjustable 20-500Hz crossover filter.

## CAMEO/DUY

### DSPider TDM

**FEATURES** Allows creation of user-defined plug-ins by connecting any of 40 included DSP modules together. Ships with over 150 preset patches to work from.

**Opcode Fusion Vocode**

Reader Service No. 244

**CAMEO/QSOUND LABS****QX/SD2** see chart, page 154.**CAMEO/ANTARES****AutoTune**

**FEATURES** Auto or manual pitch correction. Proprietary algorithm re-writes pitch at correct frequency without artifacts. Automatic or graphic edit modes. Removes or adds vibrato.

**Jupiter Voice Processor**

**FEATURES** 140dB dynamic range. Processes up to 24-bit stereo or mono files with internal 56-bit processing. Compatible with Pro Tools 4.0 with automation.

**Multiband Dynamics Tool**

**FEATURES** Unique graphic interface. Clip, sentry indicator. High-speed digital limiter. 1, 3, or 5 independent spectral bands. Compatible with Pro Tools 4.0 with automation.

**Spectral Shaping Tool** see chart, page 154.**CAMEO/CRYSTAL RIVER****Protron**

**FEATURES** Compatible with Pro Tools 4.0 with automation.

**CAMEO/DESPER****Line 6 Amp Farm**

Reader Service NO.228

**QX/TDM**

**FEATURES** Complete automation control of all parameters available under Pro Tools 4.0 software. Updated interface, crossover frequency adjustment, spread and attenuation control.

**QSYS/TDM**

**FEATURES** Mono-to-3D audio localizing processor. Complete automation control of all parameters available under Pro Tools 4.0 software. Copies auto-pan parts from one channel to another.

**QTools/AX** see chart, page 154.**CREAMWARE****Pulsar**

**FEATURES** 24-channel digital mixer with FX, sample player, synth engine. Includes 16-channel ADAT optical stereo/analog/MIDI interface. Up to 24-bit, 96kHz sampling.

**Scope**

**FEATURES** Each Scope basic board handles 64 audio channels. Dynamic graphical development environment. 15 Sharc DSP chips for 2.7 Giga-flops of floating-point processing. Expandable. Multiple boards linkable. Audio signals can be routed and processed using onboard sampler and digital, analog, acoustic modeling, and granular synthesis modules. User-definable DSP.

**DIGIDESIGN****DPP-1 Pitch Processor**

**FEATURES** 24-bit mono or stereo pitch and delay processing. Up to 4 octaves of stereo pitch transposition.

**D-Fi** see chart, page 154.**D-Verb**

**FEATURES** Realtime TDM processing with automation. Hall, church, plate, room 1, room 2, ambience, and non-linear algorithms.

**DINR**

**FEATURES** Broadband noise reduction, hum removal, and dynamic TDM automation.

**D-fx** see chart, page 154.**Focusrite d2 Multi-Band Equalizer**

**FEATURES** High- and low-pass filters, high- and low-shelving filters, high-mid and low-mid peaking filters. Software-based version of Red Range 2 Dual EQ designed by Rupert Neve.

**Focusrite d3 Compressor/Limiter**

**FEATURES** Dynamic automation, multiple inserts, save/copy/paste options, and external side chain control. Modeled after Red Range 3 Dual compressor/limiter.

**EVENT ELECTRONICS****DSP/FX Virtual Pack**

**FEATURES** 32-bit floating point operation. All parameters respond to MIDI controllers.

**GADGET LABS****WaveWARM**

**FEATURES** Warms digital audio with tube overdrive and analog tape saturation. Works as a DirectX plug-in or standalone WAV file processor. Slider controls include gain, mix, character, dynamics, knee, and limiter.

**INTELLIGENT DEVICES****AD-1 TDM**

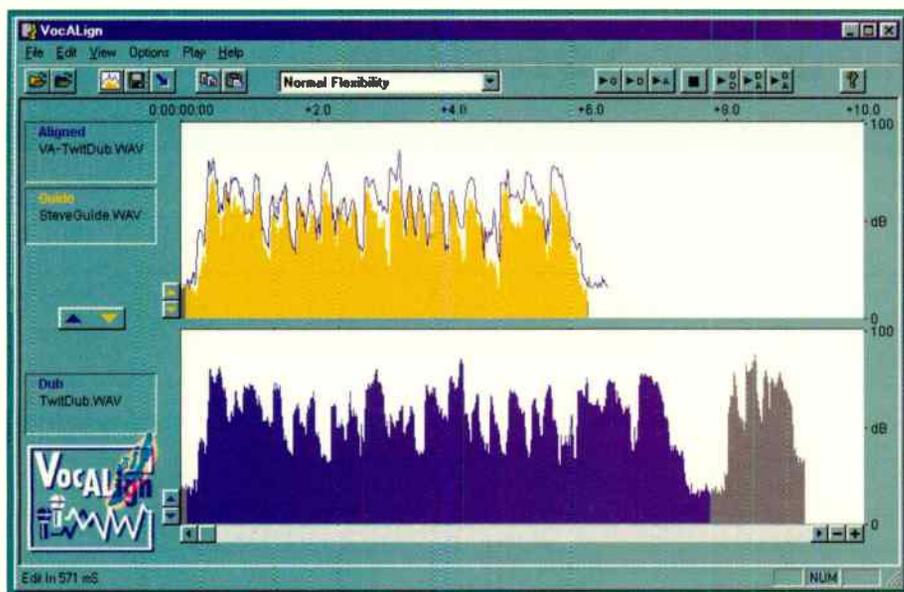
**FEATURES** Realtime mono and stereo spectrum analyzer. 70dB range, peak hold bars, clip indication, L/R phase scope, and headroom history.

**I.Q.**

**FEATURES** Actually learns and steals stereo EQ information from one mix and applies it to another. Also emulates expensive microphones and quater cabinets using cheaper ones, and can even make old quater strings sound new. The only way to match punch-ins, even months apart.

**Fireball Premiere**

**FEATURES** 40-band FIR EQ with library feature. Allows user to draw or link complex customized EQ curves with no phase shift or ringing. Stereo spectrum displays before/after results on same screen as curves. Also a high-quality stereo synthesizer.



Synchro Arts VocAlign

Reader Service No. 229

**Fireball VST**

**FEATURES** 40-band FIR EQ with library feature. Allows user to draw or link complex customized EQ curves with no phase shift or ringing. Stereo spectrum displays before/after results on same screen as curves. Also a high-quality stereo synthesizer.

**Time Modulator**

**FEATURES** Emulation of Marshall Time Modulator analog delay. Includes all original presets, including Darth Vader's voice to Stevie Wonder's double-tracking.

**Desert** see chart, page 154.

**LEXICON****Lexiverb**

**FEATURES** 100 factory presets. Macro controls. Pro Tools 4.0 automation functions supported. Easy-to-use interface, 24-bit DSP processing, mono-to-stereo and stereo-to-stereo routing.

**LINE 6**

**Amp Farm** see chart, page 154.

**METRIC HALO LABORATORIES****SpectraFootTDM**

**FEATURES** Up to 24 channels of audio on 1 DSP. 12 types of track-assignable audio analysis instruments including Lissajous phase scopes, L-R power balance meters, envelope history meters, digital level history meters, band limited history meters, audio spectrum analyzers, audio frequency oscilloscopes, spectrogram spectral history meters, phase torch frequency sensitive phase meters, and sample-accurate digital level meters.

**MICHAEL NORRIS**

**SoundMagic FX** see chart, page 154.

**OPCODE****O P C O D E**  
MUSIC SOFTWARE & HARDWARE**Fusion Filter**

**FEATURES** 3 independent filter modules, 6 LFOs, 6 user-drawable envelopes, 6 filter-extracted envelopes, and 6 pulse sequencers.

**Fusion Vocode**

**FEATURES** Classic vocoder technology. Retro Lo-Fi mode, onboard synth, graphic EQ.

**Fusion Vinyl**

**FEATURES** Mimics tonal characteristics of vinyl LPs. Adds wear, dirt, static, rumble, and warp.

**SONIC FOUNDRY****Acoustic Mirror**

**FEATURES** Captures and recreates environmental responses.

**Direct X Noise Reduction**

**FEATURES** Realtime preview.

**XFX1**

**FEATURES** Realtime preview.

**XFX2**

**FEATURES** Realtime preview.

**XFX3**

**FEATURES** Realtime preview.

**STEINBERG****DeClicker VST/TDM**

**FEATURES** Realtime click and pop suppressor for restoring audio from old recordings and removing digital distortion and clicks on hard disk recordings. Threshold, quality-quantity, and deploy features.

**DeNoiser VST**

**FEATURES** Removes broadband noise from any recorded material. Floating-point processing up to 24-bit. Mono or true stereo modes.

**Free Filter VST**

**FEATURES** Linear phase 1/3-band equalizer. Filter curves can be freely modeled. Learns CD sound characteristics and applies them to new original material.

**Free-D**

**FEATURES** Realtime 3D simulation. Uses Apple QuickDraw 3D technology.

**Ambisone**

**FEATURES** 3D mixing. Virtual Scenery Modelling technology. Automates 3D placement for rotating sound sources.

**Loudness Maximizer VST/TDM**

**FEATURES** Increases subjective loudness for more punch with zero distortion. Uses adaptive processing and produces no artifacts in audio files up to 24-bit.

**AudioTrack**

**FEATURES** EQ, compression/expansion, and gating. Optimizes individual tracks and final 2-track mastering. 4-band parabolic EQ, A/B comparison, mono/stereo mode. Keyboard entry and graphic control.

**Magneto**

**FEATURES** Provides simulation of analog mastering tape recorders.

**Red Valve It**

**FEATURES** Tube amp and speaker emulator. 3-band EQ and gate with automatic calibration.

**D-Pole**

**FEATURES** Emulates Waldorf Microwave analog resonant filter. Multi-mode filter with low, bandpass, highpass, notch, and resonant modes. 12dB or 24dB per octave. LFO with 3 shapes that are routeable to cutoff, envelope amount, and pan controls.

**Roomulator**

**FEATURES** 2D manipulation to adjust room timbre with realtime results.

**Spectralizer**

**FEATURES** Sonic optimizing plug-in for spectral enhancement of digital recordings. 2nd and 3rd harmonic adjustments and kick switch for extra strong presence and warmth.

**Voxicer**

**FEATURES** Adds natural brilliance to vocal and instrumental recordings. Flexible noise gate with attack, hold and release, parametric EQ, compressor/expander, and saturation control for simulating tube distortion. 64-bit internal processing with signal and precision loss indicators.

**Dynasone**

**FEATURES** Multiband dynamics compression and automix functions for automatically balancing frequency content. 4-band dynamics compressing with adjustable threshold, release, volume, and crossover frequency. 128-bit double 2 internal processing.

**SYNCHRO ARTS****ToolBelt**

**FEATURES** Chaos-based audio generator creates background audio from very short audio sections. Maintains rhythm and stereo image and pattern generation.

**VocAlign**

**FEATURES** Accurate lip-sync dialog and double tracking. Synchronizes one audio signal to another.

**TC WORKS****TC Native Reverb for Windows**

**FEATURES** Innovative user interface with new graphics control types.

**TC Native Reverb for Mac**

**FEATURES** Innovative user interface with new graphics control types.

**TC Native EQ for Windows**

**FEATURES** 10-band parametric and 28-band graphic EQ. SoftSat algorithm for warm analog-type sound.

**TC Native Essentials for Windows**

**FEATURES** Reverb, 3-band EQ, and compressor plug-ins. EQ and compressor feature SoftSat algorithm for warm analog-type sound. Up to 17 concurrent plug-ins on Pentium 300MHz CPU.

**TC Reverb for Soundscape** see chart, page 154.

**TC Dynamizer for Soundscape**

**FEATURES** Graphical interface, optimized for mastering production, and broadcast use.

**TC MasterX for Pro Tools**

**FEATURES** Multiband expander/compressor/limiter.

**TC Reverb for Pro Tools**

**FEATURES** Based on M5000 algorithms.

**TC Tools for Pro Tools****TERZOID****WaveShop by Audio Ecstasy**

**FEATURES** User-defined presets. Can be used in realtime or offline.

**WAVE DISTRIBUTION****PurePitch/Pitch Doctor Bundle**

**FEATURES** Formant-corrected pitch correction.

**WAVES****Renaissance EQ**

**FEATURES** Filter curves based on vintage analog EQs. 48-bit internal processing. Resonant shelves. Stereo, dual-mono, or linked operation

# Vital Stats: Sequencing Software

See listings at right.

MODEL	DESCRIPTION	PLATFORMS	EDITING	MAX AUDIO TRACKS	NOTATION	MSRP
<b>Cakewalk Guitar Studio</b>	Integrated MIDI sequencer and digital audio recording software	PC	Piano roll, event list, and music notation	8	Prints score and parts	\$249
<b>Cakewalk Home Studio</b>	Integrated MIDI sequencer and digital audio recording software	PC	Piano roll, event list, and music notation	4	Prints score and parts	\$129
<b>Cakewalk In Concert</b>	User-configurable auto-accompaniment software	PC and Mac				\$199
<b>Cakewalk Metro</b>	Integrated MIDI sequencer and digital audio recording software	Mac	Piano roll and event list	8		\$249
<b>Cakewalk Pro Audio</b>	Integrated MIDI sequencer and digital audio recording software	PC	Piano roll, event list, and music notation	8	Prints score and parts	\$429; Deluxe Edition, \$529
<b>Cakewalk Professional</b>	Integrated MIDI sequencer and digital audio recording software	PC	Piano roll, event list, and music notation	8	Prints score and parts	\$269
<b>Diemer Development Sequel</b>	MIDI sequencing software	Amiga	Event list	4		\$149
<b>Dimension Arc Software Revolve 100m</b>	Analog synth and drum machine-style MIDI pattern sequencer	PC	Piano roll, software knobs			\$145
<b>Mark of the Unicorn FreeStyle</b>	Integrated notation/MIDI sequencing software	PC and Mac	Piano roll and music notation		Prints score and parts; multiple voices per staff	\$199
<b>Mark of the Unicorn Performer</b>	MIDI sequencing software	Mac	Piano roll, event list, and music notation		Prints score and parts	\$495
<b>Midisoft Studio Recording Session</b>	Integrated MIDI sequencing/notation/digital audio recording software	PC	Piano roll, event list, and music notation		Prints score and parts; can edit beam slants; multiple voices per staff	\$149.95
<b>Musicator Win</b>	Integrated MIDI sequencer and digital audio recording software	PC	Piano roll, event list, and music notation	255	Prints score and parts; multiple voices per staff; can edit beam slants	\$299
<b>Opcode Systems Studio Vision Pro</b>	Integrated MIDI sequencer and digital audio recording software	Mac	Piano roll, event list, and music notation	64	Prints score and parts; multiple voices per staff	\$995
<b>Opcode Systems Vision DSP</b>	MIDI sequencing software	Mac	Piano roll, event list, and music notation	8 w/601 processor	Prints score and parts	\$495
<b>Opcode Systems Vision Windows</b>	Integrated notation/MIDI sequencing software	PC	Piano roll, event list, and music notation		Prints score; multiple voices per staff	\$299.95
<b>PG Music Band-in-a-Box</b>	User-configurable auto-accompaniment software	PC and Mac	Music notation; piano roll		Prints parts	\$88 Band-in-a-Box Pro; \$249 MegaPAK, \$29 add-ons
<b>PG Music PowerTracks Pro Audio</b>	Integrated MIDI sequencer and digital audio recording software	PC	Event list and music notation	48	Prints parts	\$29
<b>Steinberg Cubase Audio XT/VST</b>	Integrated MIDI sequencer and digital audio recording software	PC	Piano roll, event list, and music notation	32	Prints score and parts; can edit beam slants; multiple voices per staff	\$799
<b>Steinberg Cubase Score VST</b>	Integrated MIDI sequencer and digital audio recording software	PC and Mac	Piano roll, event list, and music notation	64 Mac; 32 PC	Prints score and parts; can edit beam slants; multiple voices per staff	\$549
<b>Steinberg Cubase VST</b>	Integrated MIDI sequencer and digital audio recording software	Mac and PC	Piano roll, event list, and music notation	64 Mac; 32 PC	Prints score and parts; multiple voices per staff	\$399
<b>Steinberg Cubase VST/24</b>	Integrated MIDI sequencer and digital audio recording software	Mac	Piano roll, event list, and music notation	96	Prints score and parts; can edit beam slants; multiple voices per staff	\$799
<b>Steinberg Cubasis AV</b>	Integrated MIDI sequencer and digital audio recording software	Mac and PC	Piano roll, event list, and music notation	8 stereo (8 mono on PC)	Prints score and parts; multiple voices per staff	\$99
<b>Voyetra Turtle Beach Midi Orchestrator Plus</b>	MIDI sequencing software	PC	Piano roll, event list, and music notation	1,000	Prints score and parts	\$49.95
<b>Wildcat Canyon Software Autoscore</b>	Pitch-to-MIDI composition software	PC and Mac	Piano roll, event list, and music notation		Prints score and parts; multiple voices per staff	\$119 Deluxe; \$249 Professional

**Check these out, too!** Multitrack recording software (page 148): Emagic Logic Audio Platinum, Gold, Silver, and MicroLogic. Notation software (page 163): Sion QuickScore Elite, Musitek MIDIScan, Midisoft Desktop Sheet Music and Studio Recording Session, Sibelius.

modes.

### MaxxBass

**FEATURES** Subharmonic subwoofer.

### DeEsser

**FEATURES** Simple interface and low CPU requirements.

### Renaissance Compressor

**FEATURES** Opto compression mode, no-clip brick wall internal limiter, warm setting, and ARC Automatic Release Control.

### PS22 StereoMaker

**FEATURES** Creates stereo images from mono sources based on user-defined parameters. Enhances stereo files.

### TDM Bundle

**FEATURES** Allows for multiple plug-ins per DSP chip. Includes Waves' L1 Peak Limiter, C1 Compressor/Gate/Sidechain, Q10 Paragrophic EQ, S1 Stereo Imager, TrueVerb Virtual Room Simulator, and PAZ PsychoAcoustic Analyzer plug-ins.

### Gold Bundle

**FEATURES** Allows for multiple plug-ins per DSP chip. Includes Waves' L1 Peak Limiter, C1 Compressor/Gate/Sidechain, Q10 Paragrophic EQ, S1 Stereo Imager, TrueVerb Virtual Room Simulator, PAZ PsychoAcoustic Analyzer, Renaissance EQ, Renaissance Compressor, PS22, MaxxBass, AudioTrack, DeEsser, and WaveConvert Pro plug-ins.

### Native Power Pack

**FEATURES** Includes Waves' L1 Peak Limiter, C1 Compressor/Gate/Sidechain, Q10 Paragrophic EQ, S1 Stereo Imager, and TrueVerb Virtual Room Simulator plug-ins.

### DSP for Windows Bundle

**FEATURES** Includes Waves' L1 Peak Limiter, C1 Compressor/Gate/Sidechain, Q10 Paragrophic EQ, S1 Stereo Imager, and TrueVerb Virtual Room Simulator plug-ins.

### EasyWaves Bundle

**FEATURES** Lower DSP requirements and simple interface. Includes Waves' SimpleVerb, SimpleCompressor, and SimpleEQ plug-ins.

### ZH COMPUTER

**DART DeClick** see chart, page 154.

**DART DeHiss** see chart, page 154.

## Sequencing Software

See chart at left.

### CAKEWALK



### Cakewalk Guitar Studio

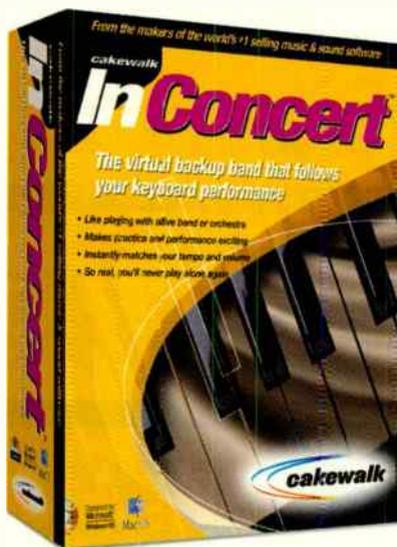
**SYSTEM REQUIREMENTS** PC: 120MHz Pentium, Windows 95/NT, 16MB RAM. Any Windows-compatible MIDI interface.

**FEATURES** General MIDI program maps. 480 ppq resolution. Sends MIDI clock and SPP. Receives MIDI clock, MTC, SPP, and SMPTE. Unlimited MIDI channels. Loop record mode. Transpose, time shift, and logical edit. Quantization: groove, swing, and percentage. Chases program and volume. Onscreen assignable mixer. DSP: Realtime and file-based. Plug-ins: DirectX Song Wizard (type in chord changes, choose style, and program will automatically create backing tracks); guitar view (fretboard linked to staff); Cakewalk StudioWare for controlling external hardware; MIDI guitar setup window; MIDI guitar glitch filter; guitar tuner. See Multitrack Digital Audio Recording Software and Notation Software listings for more info.

### Cakewalk Home Studio

**SYSTEM REQUIREMENTS** PC: 100 MHz Pentium, Windows 95/NT, 16MB RAM. Any Windows-compatible MIDI interface.

**FEATURES** 480 ppq resolution. Sends MIDI clock and SPP. Unlimited



Cakewalk In Concert

Reader Service No. 231

MIDI channels. Loop record mode. Transpose and time shift. Quantization: swing and percentage. Chases program and volume. Onscreen assignable mixer. DSP: Realtime and file-based. Plug-ins: DirectX Cakewalk StudioWare for controlling AWE soundcards and popular synths; 256-bank sys-ex librarian; realtime playback and record of sys-ex data; over 180 instrument definitions; drop markers on the fly; draw tempo changes to audio and MIDI; link clip: for improved pattern-based sequencing; SoundFont support; export audio and MIDI to RealMedia format; key macros; online help and onscreen tutorial movies. See Digital Audio Multitrack Recording and Notation software for more info.

### Cakewalk In Concert

**SYSTEM REQUIREMENTS** PC: 66MHz 486 DX-2; Windows 95; 16MB RAM. Mac: Any Macintosh with System 7.1 or greater; 1.5 MB RAM. Any Windows or Mac-compatible MIDI interface.

**FEATURES** Sends MIDI clock, MTC, and SPP. 64 MIDI channels maximum. Loop record mode. Transpose and time shift. Records tempo changes. Chases program and volume. Onscreen assignable mixer. Allows you to conduct a virtual backup band from your keyboard: Start playing anywhere in any MIDI file and the program recognizes where you are. Play faster or slower, louder or softer, and In Concert makes the same adjustments. Record your performance into a new MIDI file with all tempo and dynamic changes embedded.

### Cakewalk Metro

**SYSTEM REQUIREMENTS** Mac: 68020, OS 7 or higher, 8MB RAM. Any Macintosh compatible MIDI interface.

**FEATURES** General MIDI program maps. 960 ppq resolution. Sends MIDI clock and SPP. Receives MIDI clock, MTC, SPP, and SMPTE. Unlimited MIDI channels. Loop record mode. Transpose, time shift, arpeggiate, logical edit. Quantization: groove, swing, percentage, and human. Chases program and volume. Onscreen assignable mixer. MIDI effects. DSP: Realtime and file-based. Plug-ins: VST and Acobe Premiere. Rhythm Explorer (realtime groove palette); Note Spray; type in chord changes; pattern-based sequencing; draw pitch-bend, panning, volume, tempo changes, and other data in MIDI and audio tracks; digital audio editing. See Digital Audio Multitrack Recording Software section for more info.

### Cakewalk Pro Audio

**SYSTEM REQUIREMENTS** PC: 100 MHz Pentium, Windows 95/NT 4, 16MB RAM. Any Windows-compatible MIDI interface.

**FEATURES** General MIDI program maps. 480 ppq resolution. Sends MIDI clock and SPP. Receives MIDI clock, MTC, SPP, and SMPTE. Unlimited MIDI channels. Loop record mode. Transpose, time shift, and logical edit. Quantization: groove, swing, percentage, and human. Chases program and volume. Onscreen assignable mixer. DSP: realtime and file-based. Plug-ins: DirectX Cakewalk Application Language (CAL) for creating custom editing commands and macros; Cakewalk StudioWare with design mode for controlling external hardware; 256-bank sys-ex librarian; realtime playback and record of sys-ex; drop markers on the fly; lock markers to SMPTE; fit-to-time; fit-improvisation; retrograde; interpolate (search-and-replace editing); scale

velocity; monophonic audio-to-MIDI conversion; extract timing from audio; draw tempo changes; SoundFont support; export audio and MIDI to RealMedia format; dockable toolbars; key macros; linked clips for improved pattern-based sequencing; onscreen tutorials; online help. See Multitrack Recording Software and Notation Software sections for more info.

### Cakewalk Professional

**SYSTEM REQUIREMENTS** PC: 120MHz Pentium, Windows 95/NT, 16MB RAM. Any Windows-compatible MIDI interface.

**FEATURES** 480 ppq resolution. Sends MIDI clock and SPP. Receives MIDI clock, MTC, SPP, and SMPTE. Unlimited MIDI channels. Loop record mode. Transpose, time shift, and logical edit. Quantization: groove, swing, percentage, and human. Chases program and volume. Onscreen assignable mixer. DSP: realtime and file-based. Plug-ins: DirectX Cakewalk Application Language (CAL) for creating custom editing commands and macros; Cakewalk StudioWare for controlling external hardware; 256-bank sys-ex librarian; realtime playback and record of sys-ex data; over 180 instrument definitions; frame-accurate sync of audio and MIDI to SMPTE/MTC; drop markers on the fly; sync markers to SMPTE; fit-to-time; fit-improvisation; interpolate for search and replace editing; scale velocity; draw tempo changes to audio and MIDI; link clips for improved pattern-based sequencing; SoundFont support; export audio and MIDI to RealMedia format; key macros; online help and onscreen tutorial movies. See Digital Audio Multitrack Recording and Notation Software sections for more info.

### DIEMER DEVELOPMENT

### Sequel

**SYSTEM REQUIREMENTS** Amiga: 68000, Amiga DOS 1.3, 1MB RAM, hard disk not required. Any serial MIDI interface.

**FEATURES** General MIDI program maps. 192 ppq resolution. Sends MIDI clock. Receives MIDI clock and MTC. 16 MIDI channels maximum. Loop record mode. Transpose and time shift. Quantization: percentage. Records tempo changes. Chases program and volume. Onscreen assignable mixer. MIDI effects. One-button record and rctake.

### DIMENSION ARC SOFTWARE

### Revolve 100M

**SYSTEM REQUIREMENTS** PC: 60MHz Pentium, 10MB RAM, Windows 95/98, 5MB hard disk space. Any Windows 95/98-compatible MIDI interface.

**FEATURES** General MIDI program maps. 240 ppq resolution. Sends MIDI clock and SPP. 4 MIDI channels maximum. Transpose, time shift, and pattern editing. Quantization: playback only. Chases program and volume. Onscreen assignable mixer. MIDI effects. Electronica-oriented. All displays always visible. 2 monophonic (bass line) tracks with accent, slide, and delay. 7-note polyphonic drum track with accent and delay. 32 patterns per module. Sequence recorder. Realtime/step recorder. 20 assignable knobs with sys-ex support. 84 buttons. All editing and file operations can be performed without stopping playback. Randomize (pattern and song). Import ReBirth patterns and songs. Export to MIDI files. Full MIDI remote control of all sequencing parameters. Delay and bpm converters.

### HOTZ INTERACTIVE



Reader Service No. 230

### Hotz Translator

**DESCRIPTION** MIDI sequencing software. Songwriting software.

**MSRP** \$299.95.

**PLATFORMS** PC: Pentium 90, 16MB RAM, Windows 95, approx. 10MB hard disk space. Requires any standard MIDI input/output device.

**FEATURES** General MIDI program maps. 124 ppq. Sends MIDI clock. 16 MIDI channels. Piano roll, event list, and music notation editing. Records tempo changes. Chases program and volume. Onscreen assignable mixer.

### MARK OF THE UNICORN

### FreeStyle

**SYSTEM REQUIREMENTS** PC: 66MHz 486, 16MB RAM, Win 3.1 or better. Mac: 68020 or faster, 12MB RAM. Any standard, MOTU, or Opcode interfaces.

**FEATURES** General MIDI program maps. 960 ppq resolution. Sends/receives MIDI clock, MTC, and SMPTE. Unlimited MIDI channels. Loop record mode. Transpose and time shift. Quantization: playback only, swing, and percentage. Records tempo changes. Chases program and volume. Sense Tempo feature follows your playing. Dynamic realtime allocation of "players" liberates users from one-instrument-per-track designs. Transcribes left/right-hand keyboard playing into the proper staves. Edit notes during sequence playback.

### Performer

**SYSTEM REQUIREMENTS** Mac: 68040, 16 MB RAM, System 7.5. Any standard, MOTU, or Opcode interface.

**FEATURES** General MIDI program maps. 480 ppq resolution. Sends/receives MIDI clock, MTC, and SMPTE. Unlimited MIDI channels. Loop record mode. Transpose, time shift, arpeggiate, and logical edit. Quantization: playback only, groove, swing, percentage, and human. Records tempo changes. Chases program and volume. Onscreen assignable mixer. MIDI effects. 50 free DNA grooves with over 500 variations. Reads Cubase groove files. Sequencing method: linear, pattern, chunk. Editing Views: graphic, event list, notation. Window sets; unlimited faders, knobs, buttons, and pop-ups. Unlimited custom consoles. Faders can generate every type of MIDI data. Unlimited grouping. Preconfigured mixing board with volume, pan, 5 inserts (MIDI and audio), 4 aux sends. sys-ex editing. Audio effects: EQ, dynamics, chorus, flange, delay, phase shifter, auto-pan, echo, tremolo. Plug-ins: MAS, QuickTime support, Unisyn editor/librarian integration. Unlimited takes per track. WYSIWYG notation editing. MMC control. Edit MIDI and audio while music plays.

### MICROSOUND INTERNATIONAL

#### Super Conductor

**DESCRIPTION** Integrated MIDI sequencer and digital audio recording software (non-MIDI output), user-configurable auto-accompaniment software.

**MSRP** \$395.

**CURRENT VERSION** 3.09.

**PLATFORMS** PC: Pentium. Mac: PowerPC. Requires any standard soundcard.

**FEATURES** General MIDI program maps. Sends MIDI clock, SMPTE. Receives MIDI clock. Event list and music notation editing. Playback-only quantization. Records tempo changes. Chases program and volume. Onscreen assignable mixer. Includes extensive sound samples of all instruments of the orchestra, including real Stradivarius violin. Also includes over 200 major compositions.

**OTHER FEATURES** Produces .WAV file of sound on the fly. Stores score and microscore. Creates microscores. Imports and exports MIDI files. Shows composer's original scores, bar numbers, and red pointer. Follows music, turns pages automatically. Hierarchic pulse, composer's pulse. Short note function, long note function. Pitch crescendo. Trill function (designed trill). Global controls for entire piece: note shaping, vibrato, hierarchic pulse, operates simultaneously on three time scales, pulse reset, pulse weight functionality. Stores sound samples on hard disk or CD-ROM. Graphic equation crescendos and ritards.

### MIDISOFT

#### Studio Recording Session

**SYSTEM REQUIREMENTS** PC: 66MHz 486, 32MB RAM. Any standard Windows-based MIDI interface or soundcard.

**FEATURES** General MIDI program maps. 1,000 ppq resolution. Sends/receives SPP. Unlimited MIDI channels. Loop record mode. Transpose and time shift. Quantization: percentage. Records tempo changes. Chases program and volume. MIDI effects. Prints sheet music with embedded images. Dynamics, tempos, accents, and repeats are performed during playback. Compound meters. Multi-level undo/redo. Style sheets. Independent control of beaming and grouping; independent measures per system and systems per page, movable bar lines. Hidden symbols. Multi-verse lyrics/block text lyrics. Plug-in effects: staff copy, merge, split, transpose, transpose by instrument, retrograde, inversion, nudge. Envelope view for MIDI controller information. Multiple voices per staff; ability to route each voice to a different MIDI device/channel. Digital audio recording/playback/mixing.

### MIXMAN TECHNOLOGIES



Reader Service No. 232

### Mixman Studio

**DESCRIPTION** MIDI sequencing/audio recording software.

**MSRP** \$59.95.

**PLATFORMS** PC: Windows 95.

**FEATURES** 480 ppq. 16 audio channels. Piano roll editing mode. Records tempo changes. Onscreen assignable mixer.

**OTHER FEATURES** DJ-style interface. Realtime time stretching of samples. Realtime play/record volume, pitch, panning tempo.

### MUSICATOR

#### Musicator Win

**SYSTEM REQUIREMENTS** PC: 486DX, Windows 3.1 or 95, 16MB RAM.

**FEATURES** General MIDI program maps. 480 ppq resolution. Sends/receives MIDI clock, MTC, SPP, and SMPTE. 12B MIDI channels maximum. Loop record mode. Transpose, time shift, and logical edit. Quantization: swing and percentage. Chases program and volume. Front panel mixers for all XG, GS, MU100, and SC-88 Pro features.

### OPCODE

#### Studio Vision Pro

**SYSTEM REQUIREMENTS** Mac: For MIDI only: 68030, System 7.5, 16MB RAM. Any Mac MIDI interface. For audio: Power Mac, System 7.5, 32MB RAM, fast SCSI drive.

**FEATURES** General MIDI program maps. 480 ppq resolution. Sends MIDI clock, MTC, and SPP. Receives MIDI clock, MTC, SPP, and SMPTE. Number of MIDI channels depends on RAM. Transpose, time shift, arpeggiate, and pulse edit. Quantization: playback only, groove, swing, and percentage. Records tempo changes. Chases program and volume. Onscreen assignable mixer. MIDI effects. DSP: Real time and file-based. Plug-ins: VST, AudioSuite, TDM, Premiere. 24-bit audio support, EQ; arpeggiator, generated sequences, Adjust Audio Tempo, TruTone pitch shift, ASIO support, 16-buss console with 4 sends; Pulse drum editing, custom key commands assignable to MIDI events.

#### Vision DSP

**SYSTEM REQUIREMENTS** Mac: For MIDI only: 68030, System 7.5, 16MB RAM. Any Mac MIDI interface. For audio: Power Mac, 32MB RAM, 7,200 RPM hard drive with 11 ms access time and Fast/Wide SCSI.

**FEATURES** General MIDI program maps. 480 ppq resolution. Sends MIDI clock, MTC, and SPP. Receives MIDI clock, MTC, SPP, and SMPTE. Number of MIDI channels depends on RAM. Loop record mode. Transpose, time shift, arpeggiate, and pulse edit. Quantization: playback only, groove, swing, percentage, and human. Records tempo changes. Chases program and volume. Onscreen assignable mixer. MIDI effects. DSP: Realtime and file-based. Plug-ins: VST, Premiere. 24-bit audio support, EQ; arpeggiator, generated sequences, Adjust Audio Tempo, TruTone pitch shift, ASIO support, 16-buss console with 4 sends; Pulse drum editing, custom key commands assignable to MIDI events.

#### Vision Windows

**SYSTEM REQUIREMENTS** PC: 486, Windows 95/98, 16MB RAM. Any Windows MIDI interface.

**FEATURES** General MIDI program maps. 480 ppq resolution. Sends MIDI clock, MTC, and SPP. Receives MIDI clock and MTC. Number of MIDI channels depends on RAM. Loop record. Transpose and time shift. Quantization: playback only, groove, swing, and percentage. Records tempo changes. Chases program and volume. Onscreen assignable mixer. Multiple sequence playback using players and queue. Generated sequences, MIDIkeys, OMS patch names, assignable faders.

### PG MUSIC

#### Band-in-a-Box

**SYSTEM REQUIREMENTS** PC: 386; Windows 95/98/NT/3.x; 8MB RAM (larger soloists require 16MB RAM); 12MB drive space. Any internal or external MIDI interface.

**FEATURES** General MIDI program maps. 120 ppq resolution. Sends/receives MIDI clock. 16 MIDI channels maximum. Transpose and time shift. Quantization: playback only, swing, and percentage. Automatic soloing; display/print notation with chord symbols and lyrics; transpose; automatic harmonies; support for over 60 synthesizers and soundcards; Standard MIDI File support; MIDI chord recognition; EZ access patches for higher banks; GM, GS and XG support; jukebox playback; scroll-ahead notation; loop notation screen; tap tempos; humanize melodies and solos; keyboard Wizard; Vocalist and Realtime Arranger support; send sys-ex; Style Maker; Soloist Maker; Harmony Maker; automatic beaming and accidentals; foreign language support. Add-on Styles and Soloists available. 2-volume "Inside Band-in-a-Box" video instruction set available on CD-ROM or cassette.

#### PowerTracks Pro Audio

**SYSTEM REQUIREMENTS** PC: MIDI only, 386; Win 95/98/NT/3.x; B MB

RAM; 20MB drive space. Any Windows MIDI interface. Digital audio: 100MHz 486 and 16-bit soundcard.

**FEATURES** General MIDI program maps. 960 ppq resolution. Sends MIDI clock and SPP. Receives MIDI clock, MTC, SPP, and SMPTE. Transpose, time shift, logical edit, cut/copy/paste/merge. Quantization: swing and percentage. Chases program and volume. Onscreen assignable mixer. DSP: file-based. Plug-ins: PG Music or user-programmed (source code provided). Multiple MIDI ports; .MID, .KAR, .WAV file support; built-in audio effects; sys-ex editor-librarian; Roland Sound Canvas editor; notation with chord symbols and lyrics; karaoke-style "big lyrics" window; onscreen piano; onscreen guitar fretboard; tablature display and printout; automatic drum tracks; jukebox playback. CD-ROM video training included. 2 volumes of MultiTrack play-along CD-ROMs available (\$20 each); 3 CDs per volume (rock, blues, jazz).

### POWERKEYS

#### Logic Learning Kit

**FEATURES** Compatible with any Logic Audio. Kit consists of a color-coded keyboard overlay for any extended Mac or PC keyboard along with more than 300 preprogrammed key commands. Also includes learning labels and a Power Tips chart showing many time-saving shortcuts.

### STEINBERG

#### Cubase Audio XT/VST

**SYSTEM REQUIREMENTS** PC: 166MHz Pentium, Windows 95, 24MB RAM, SCSI hard drive, 16-bit soundcard. Most Windows MME-compatible MIDI interfaces.

**FEATURES** General MIDI program maps. 384 ppq resolution. Sends/receives MIDI clock, MTC, and SMPTE. Number of MIDI channels depends on interface. Loop record mode. Transpose, time shift, arpeggiate, logical edit, and group. Quantization: groove and percentage. Records tempo changes. Chases program and volume. Onscreen assignable mixer. MIDI effects. Plug-ins: VST and Direct X. VST native audio with Windows 95 and supported soundcards. Included XT version works with external hardware devices such as Digidesign 882, Yamaha CBX-D3/ D5, Akai HDR-B/16, and Creamware TripleDAT. Custom mixer maps are included for audio automation of levels, pans, and EQs on the specific hardware.

#### Cubase Score VST

**SYSTEM REQUIREMENTS** PC: 166MHz Pentium, Windows 95, 24MB RAM, SCSI hard drive, 16-bit soundcard. Most Windows MME-compatible MIDI interfaces. Mac: 120MHz 604 PowerPC, System 7.61, 24MB RAM, SCSI hard drive. Most Mac MIDI interfaces.

**FEATURES** General MIDI program maps. 384 ppq resolution. Sends/receives MIDI clock, MTC, and SMPTE. Number of MIDI channels depends on interface. Loop record mode. Transpose, time shift, arpeggiate, logical edit, and group. Quantization: groove and percentage. Records tempo changes. Chases program and volume. Onscreen assignable mixer. MIDI effects. DSP: Realtime. Plug-ins: VST (plus Direct X on PC). 11 plug-ins included. Automated mixer with 4-band EQ and 4 insert effects per channel, 8 send effects, and 8 master effects. 16-channel subgroup mixer with inserts. Mixdown features incl. different file formats, bit rates, and sample rates. DSP tools incl. pitch shift, time stretch, normalize, crossfades, audio to tempo functions, and audio groove quantize with link to Time Bandit. Import ReCycle! REX files, audio mixer link to ReBirth. Controller streams editor, drum editor, sys-ex editor, Style Trax (interactive accompaniment), Cue Trax (graphic tempo editor), MIDI Mixer, MMC, QuickTime movie support, Interactive Phrase Synthesizer. Scoring features incl. grace notes, cross-staff beaming, automatic guitar tablature, consolidated rests, percussion notation, and over 100 symbols for dynamics and articulation.

#### Cubase VST

**SYSTEM REQUIREMENTS** PC: 166MHz Pentium, Windows 95, 24MB RAM, SCSI hard drive, 16-bit soundcard. Most Windows MME-compatible MIDI interfaces. Mac: 120MHz 604 PowerPC, System 7.61, 24MB RAM, SCSI hard drive. Most Mac MIDI interfaces.

**FEATURES** General MIDI program maps. 384 ppq resolution. Sends/receives MIDI clock, MTC, and SMPTE. Number of MIDI channels depends on interface. Loop record mode. Transpose, time shift, arpeggiate, logical edit, and group. Quantization: groove and percentage. Records tempo changes. Chases program and volume. Onscreen assignable mixer. MIDI effects. DSP: Realtime. Plug-ins: VST (plus Direct X on PC). 11 plug-ins included. Automated mixer with 4-band EQ and 4 insert effects per channel, 8 send effects, and 8 master effects. 16-channel subgroup mixer with inserts. Mixdown features incl. different file formats, bit rates, and sample rates. DSP tools incl. pitch shift, time stretch, normalize, crossfades, audio to tempo functions, and audio groove quantize with link to Time Bandit. Import ReCycle! REX files, audio mixer link to ReBirth. Controller

streams editor, drum editor, sys-ex editor, Style Trax (interactive accompaniment), Cue Trax (graphic tempo editor), MIDI Mixer, MMC, QuickTime movie support (AVI on PC), Interactive Phrase Synthesizer.

### Cubase VST/24

**SYSTEM REQUIREMENTS** Mac: 120MHz 604 PowerPC, System 7.61, 24MB RAM, SCSI hard drive. Most Mac MIDI interfaces.

**FEATURES** General MIDI program maps. 384 ppq resolution. Sends/receives MIDI clock, MTC, and SMPTE. Number of MIDI channels depends on interface. Loop record mode. Transpose, time shift, arpeggiate, logical edit, and group. Quantization: groove and percentage. Records tempo changes. Chases program and volume. On-screen assignable mixer. MIDI effects. DSP: Realtime. Plug-ins: VST. 11 plug-ins included. Can record up to 24-bit/96kHz audio. Automated mixer with 4-band EQ and 4 insert effects per channel, B send effects, and B master effects. 16-channel subgroup mixer with inserts. Mixdown features incl. different file formats, bit rates, and sample rates. DSP tools incl. pitch shift, time stretch, normalize, crossfades, audio to tempo functions, and audio groove quantize with link to Time Bandit. Import ReCycle! REX files, audio mixer link to ReBirth. Controller streams editor, drum editor, sys-ex editor, Style Trax (interactive accompaniment), Cue Trax (graphic tempo editor), MIDI Mixer, MMC, QuickTime movie support, Interactive Phrase Synthesizer.

### Cubasis AV

**SYSTEM REQUIREMENTS** Mac: 120MHz 604 PowerPC, System 7.61, 24MB RAM, SCSI hard drive. Most Mac MIDI interfaces. PC: 50MHz 486DX, 16MB RAM, 16-bit soundcard, CD-ROM drive. Windows MME-compatible MIDI interface.

**FEATURES** 384 ppq resolution. Sends/receives MIDI clock and MTC. Number of MIDI channels depends on interface. Loop record mode. Quantization: groove. Records tempo changes. Chases program and volume. On-screen assignable mixer. DSP: realtime (Mac). Audio mixer, 2 bands of EQ and 6 realtime effects settings including reverb and delay (Mac). MIDI Mixer. Mac: Includes QuickTime movies to which you can add your own soundtracks. PC: Includes 100MB sound library and AVI movie support.

### VOYETRA/TURTLE BEACH

#### Midi Orchestrator Plus

**SYSTEM REQUIREMENTS** PC: 66MHz 486/DX, Windows 3.1/95/98, 8MB RAM, 6MB hard drive space.

**FEATURES** General MIDI program maps. Sends/receives MIDI clock, MTC, and SPP. 16 MIDI channels maximum. Transpose and time shift. Quantization: swing, percentage, and human. Records tempo changes. Onscreen assignable mixer.

### WILDCAT CANYON SOFTWARE

#### Autoscore

**SYSTEM REQUIREMENTS** PC: 486, Windows 3.1/95/98/NT, 8 MB RAM. Mac: 68040, System 7.0, 8 MB RAM. Requires Windows-compatible soundcard or Mac sound input.

**FEATURES** General MIDI program maps. 480 ppq resolution. Sends/receives MIDI clock. Transpose, time shift, and logical edit. Quantization: percentage and random or human. Records tempo changes. Chases program and volume. Onscreen assignable mixer. Compose with any instrument playing a single line, even the human voice. "Constrain to Key" feature can force Autoscore to output in a predetermined key. Step entry. Free microphone. Professional version extras: Full volume tracking, full Pitch-bend tracking, customizable instrument filters to improve recognition. Direct compatibility with popular music sequencer and notation software.

## Music Notation Software

### ARS NOVA

#### Songworks II

**DESCRIPTION** Notation/lead sheet software.

**MSRP** \$125 single-user edition.

**PLATFORMS** Mac with 68040 running OS 7, 16MB RAM, 10MB free disk space. Supports any Macintosh-compatible MIDI interface.

**INPUT METHODS** QWERTY keyboard, point-and-click with mouse, MIDI step entry, realtime MIDI entry while listening to previously recorded parts, realtime MIDI entry, and importing Standard MIDI Files. Fixed or user-definable split point. Quantization on input.

**SYMBOLS** Graphic notation symbols. Manual, MIDI input, Roman numeral, jazz extension, and transposable note data chord symbols. Beam,

slur, and tuplets can cross barlines. Slurs can cross between staves. Beam slant adjustable by hand. Symbol spacing hand-adjustable and globally definable. Limitless staves per system.

**OUTPUT** Saves parts as separate files.

**FEATURES/OPTIONS** PICT, AIFF, MIDI output formats and full-page export. Active Listening allows user to play one part while computer plays other parts.

### CAKEWALK



#### Guitar Studio

**DESCRIPTION** Integrated notation/MIDI sequencer/digital audio recording software.

**MSRP** \$129.

**PLATFORMS** PC with Pentium 100MHz running Windows 95/NT 4, 16MB RAM. Any Windows-compatible MIDI interface.

**INPUT METHODS** Point-and-click with mouse, MIDI step entry, realtime MIDI entry while listening to previously recorded parts, realtime MIDI entry, Virtual Fretboard onscreen guitar neck, and importing Standard MIDI Files. Fixed, user-definable split point. Quantization after input.

**SYMBOLS** Manual and jazz extension chord symbols. Automatic symbol spacing. 24 maximum staves per system.

**OUTPUT** Saves parts as separate files.

**FEATURES/OPTIONS** Song wizard creates drum, bass, and keyboard accompaniments in a variety of styles. User types in chord changes and chooses style. Standard and single-line percussion notation, guitar chord grids, lyrics, expression text, hairpins, and damper pedal markings. See sequencing and multitrack recording software listings for other product features.

#### Home Studio

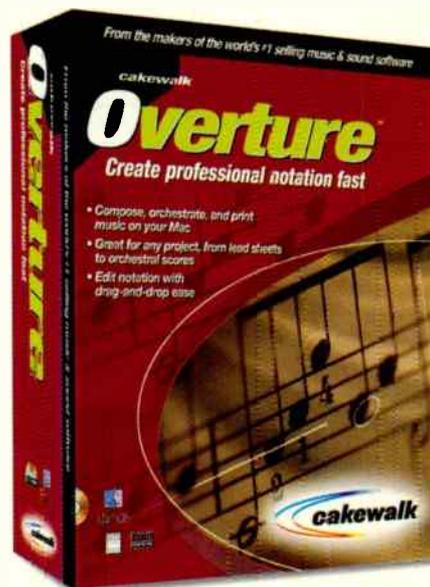
**DESCRIPTION** Integrated notation/sequencing/digital audio software.

**MSRP** \$129.

**PLATFORMS** PC with Pentium 100MHz running Windows 95/NT 4, 16MB RAM. Supports any Windows-compatible MIDI interface.

**INPUT METHODS** Point-and-click with mouse, MIDI step entry, realtime MIDI entry while listening to previously recorded parts. Virtual Keyboard onscreen guitar neck, and importing Standard MIDI Files. Fixed or user-definable split point. Quantization after input.

**SYMBOLS** Manual and jazz extension chord symbols. Automatic symbol



#### Cakewalk Overture

Reader Service No. 235

spacing. 24 maximum staves per system.

**OUTPUT** Saves parts as separate files.

**FEATURES/OPTIONS** Standard and single-line percussion notation, guitar chord grids, lyrics, expression text, hairpins, and damper pedal markings. See sequencing and multitrack recording software listings for other product features.

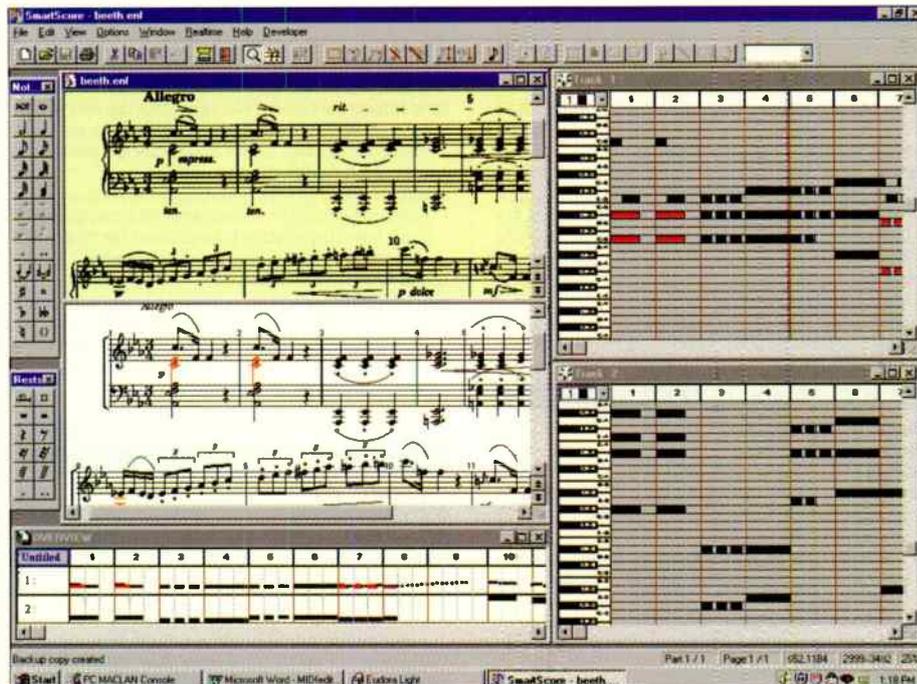
#### Overture

**DESCRIPTION** Integrated notation/MIDI sequencing software

**MSRP** \$349.

**PLATFORMS** PC with 486 66MHz DX2 running Windows 95, 16MB RAM. Mac with 68020 running OS 7, 2MB RAM. Supports any Windows- or Macintosh-compatible MIDI interface

**INPUT METHODS** QWERTY keyboard, point-and-click with mouse, MIDI step entry, realtime MIDI entry while listening to previously recorded parts, and importing Standard MIDI Files. Fixed or user-definable split point. Quantization on input and after input.



#### Musitek SmartScore

Reader Service No. 236

**SYMBOLS** Graphic notation symbols. Tablature with user-tunable strings. Manual, MIDI input, jazz extension, and transposable note data and chord symbols. Beam and slur can cross barlines. Beam, slur, and tuplet can cross staves. Beam slant adjustable by hand. Symbol spacing automatic and hand-adjustable. 64 maximum staves per system.

**OUTPUT** Saves parts as separate files. Exports EPS of area selection.

**FEATURES/OPTIONS** Guitar tablature, draws graphics on score, and export to PICT (Mac). User-selectable music fonts (PC). Punch-in/out recording, metronome during record/playback, piano roll editor, on-score rule, show/hide individual staves and musical symbols and notes, multi-bar rests, and rhythm and range error checking.

### Pro Audio

**DESCRIPTION** Integrated notation/MIDI sequencer/digital audio recording software.

**MSRP** \$429; Deluxe version, \$529.

**PLATFORMS** PC with Pentium 100MHz running Windows 95/NT 4, 16MB RAM. Supports any Windows-compatible MIDI interface.

**INPUT METHODS** Point-and-click with mouse, MIDI step entry, realtime MIDI entry while listening to previously recorded parts, importing Standard MIDI Files, and Virtual Piano onscreen keyboard. Fixed or user-definable split point. Quantization after input.

**SYMBOLS** Manual and jazz extension chord symbols. Automatic symbol spacing. 24 maximum staves per system.

**OUTPUT** Saves parts as separate files.

**FEATURES/OPTIONS** Standard and single-line percussion notation, guitar chord grids, lyrics, expression text, damper pedal markings, and hairpins. See sequencing and multitrack recording software listings for other features.

### Professional

**DESCRIPTION** Integrated notation/MIDI sequencer/digital audio recording software.

**MSRP** \$269.

**PLATFORMS** PC with Pentium 100MHz running Windows 95/NT 4, 16MB RAM. Supports any Windows-compatible MIDI interface.

**INPUT METHODS** Point-and-click with mouse, MIDI step entry, realtime MIDI entry while listening to previously recorded parts, importing Standard MIDI Files, and Virtual Piano onscreen keyboard. Fixed or user-definable split point. Quantization after input.

**SYMBOLS** Manual and jazz extension chord symbols. Automatic symbol spacing. Maximum 24 staves per system.

**OUTPUT** Saves parts as separate files.

**FEATURES/OPTIONS** Standard and single-line percussion notation, guitar chord grids, lyrics, expression text, damper pedal markings, and hairpins. See sequencing and multitrack recording software listings for other features.

### CODA MUSIC

#### Finale

**DESCRIPTION** Notation software.

**MSRP** \$545; Educational/theological organizations, \$275.

**PLATFORMS** Any PC with 8MB RAM, 10MB free disk space; any Mac with 8MB RAM running OS 7, 10MB free disk space.

**INPUT METHODS** QWERTY keyboard, point-and-click with mouse, MIDI step entry, realtime MIDI entry, importing Standard MIDI Files, and hyperscribe realtime entry without click track.

**SYMBOLS** Graphic notation. Tablature not linked to standard notation. Manual, MIDI input, Roman numeral, jazz extension, and transposable note data chord symbols. Beam, slur, and tuplet can cross barlines. Beam, slur, and tuplet can cross staves. Hand-adjustable, globally-definable symbol spacing. 99 maximum staves per system.

**OUTPUT** Automatic part extraction. Saves parts as separate files. Exports EPS and BMP of area selections.

**FEATURES/OPTIONS** Alternate notehead symbols, TIFF and PICT support (Mac). User-definable music fonts. Imports graphics, variety of chord styles, and plug-in capability.

### ERATO SOFTWARE

#### Music Manuscriptor

**DESCRIPTION** Notation software.

**MSRP** \$700.

**PLATFORMS** PC with 486DX running DOS 6.x, 16MB RAM, 20MB free disk space. Supports Roland MPU-401-compatible and standard soundcard MIDI ports.

**INPUT METHODS** QWERTY keyboard, point-and-click with mouse, MIDI step entry, importing Standard MIDI Files, tablet, and stylus. Fixed or user-definable split point.

**SYMBOLS** Beam, slur, and tuplet cross-barline and can cross staves. Hand-adjustable and globally-definable beam slant and symbol spacing. 100 maximum staves per system.

**OUTPUT** Saves parts as separate files. Exports BMP of full-page area.

**FEATURES/OPTIONS** Advanced orchestration tools for developing full

score from sketch and for preparing reductions. Utilities to merge hits and timing data into film scores. Optional dual video monitors for full-page score display.

### MARK OF THE UNICORN

#### Mosaic

**DESCRIPTION** Notation software.

**MSRP** \$595.

**PLATFORMS** Mac with 68020 or faster, 8MB RAM. Supports all standard, MOTU, and multi-port interfaces supported by FreeMIDI.

**INPUT METHODS** QWERTY keyboard, point-and-click with mouse, MIDI step entry, realtime MIDI entry while listening to previously recorded parts, importing Standard MIDI Files, and moves according to input. Quantization after input.

**SYMBOLS** Graphic notation. Tablature linked to standard notation. Manual, MIDI input, and jazz extension chord symbols. Beam, slur, and tuplet cross-barline and can cross staves. Hand-adjustable and global user-definable beam slant and symbol spacing.

**OUTPUT** Automatic part extraction. Saves parts as separate files. Area selection export.

**FEATURES/OPTIONS** PICT importing, custom staff names, custom page formatting, customizable instrument library, and invisible meters. Restated meters, defs, key signatures, and ottavas. Context-sensitive note spelling algorithms when recording in realtime or importing MIDI files.

### MIDISOFT

#### Desktop Sheet Music

**DESCRIPTION** Integrated notation/MIDI sequencing software.

**MSRP** \$129.95.

**PLATFORMS** PC with 66 MHz 486, 32MB RAM. Supports soundcard or MPU-401 adapter with external MIDI sound source.

**INPUT METHODS** Point-and-click with mouse, MIDI step entry, realtime MIDI entry while listening to previously recorded parts, and importing Standard MIDI Files. Fixed or user-definable split point. Quantization on input and after input.

**SYMBOLS** Slur can cross barlines. Beam and slur can cross staves. Hand-adjustable beam slant. Symbol spacing automatic and hand-adjustable. 255 maximum staves per system.

**OUTPUT** Automatic part extraction.

**FEATURES/OPTIONS** Prints publisher-quality sheet music. Dynamics, tempos, accents, and repeats performed during playback. Track and page mode. Multi-level undo/redo, style sheets, and independent control of beaming and grouping. Independent measures per system and systems per page, movable bar lines, hidden symbols, multi-verse lyrics/block text lyrics. Staff copy, merge, split, transpose, transpose by instrument, retrograde, inversion, and nudge plug-in effects.

#### Studio Recording Session

**DESCRIPTION** Integrated notation/MIDI sequencer/digital audio recording software.

**MSRP** \$149.95.

**PLATFORMS** PC with 66MHz 486, 32MB RAM. Supports soundcard or MPU-401 adapter with external MIDI sound source.

**INPUT METHODS** Point-and-click with mouse, MIDI step entry, realtime MIDI entry while listening to previously recorded parts, and importing Standard MIDI Files. Fixed or user-definable split point. Quantization on input and after input.

**SYMBOLS** Manual, MIDI input, jazz extension, and transposable note data chord symbols. Slur can cross barlines. Beam and slur can cross staves. Beam slant adjustable by hand. Symbol spacing automatic and hand-adjustable. 255 maximum staves per system.

**OUTPUT** Automatic part extraction.

**FEATURES/OPTIONS** Prints publisher-quality sheet music. Dynamics, tempos, accents, and repeats performed during playback. Track and page mode. Multi-level undo/redo, style sheets, and independent control of beaming and grouping. Independent measures per system and systems per page, movable bar lines, hidden symbols, multi-verse lyrics/block text lyrics. Staff copy, merge, split, transpose, transpose by instrument, retrograde, inversion, and nudge plug-in effects.

### MUSICATOR

#### Musicator Win

**DESCRIPTION** Integrated notation/MIDI sequencer/digital audio recording software.

**MSRP** \$299.

**PLATFORMS** PC with 486DX running Windows 3.1/95, 16MB RAM.

**INPUT METHODS** Point-and-click with mouse, MIDI step entry, realtime MIDI entry while listening to previously recorded parts, and importing Standard MIDI Files. Fixed split point. Quantization on input and after input.

**SYMBOLS** Graphic notation. Tablature linked to standard notation and MIDI with user-tunable strings. Manual, MIDI input, and transpos-

able note data chord symbols. Slur can cross barlines. Beam, slur, and tuplet can cross staves. Beam slant hand-adjustable and globally user-definable. Hand-adjustable symbol spacing. 255 maximum staves per system.

**OUTPUT** Automatic part extraction. Exports EPS and BMP of area selection.

### MUSICWARE

#### Nightingale

**DESCRIPTION** Notation software.

**MSRP** \$199.95, includes Notescan.

**PLATFORMS** Mac Plus running OS 6.05, 4MB RAM, hard drive. Optional MIDI interface.

**INPUT METHODS** QWERTY keyboard, point-and-click with mouse, MIDI step entry, realtime MIDI entry while listening to previously recorded parts, importing Standard MIDI Files, and interpreting scanned graphic files. Fixed or user-definable split point. Quantization on input and after input.

**SYMBOLS** Graphic notation. Tablature not linked to standard notation. Manual, Roman numeral, jazz extension, and transposable note data chord symbols. Beam and slur cross-staff and can cross barlines. Beam slant adjustable by hand and globally user-definable. Automatic, hand-adjustable, and globally-definable symbol spacing. 64 maximum staves per system.

**OUTPUT** Automatic part extraction. Saves parts as separate files. Exports EPS of area selection.

**FEATURES/OPTIONS** Imports scanned music files and opens them as Nightingale scores.

#### Personal Composer

**DESCRIPTION** Integrated notation/MIDI sequencing software.

**MSRP** \$199.95.

**PLATFORMS** PC with 386 running Windows 3.x/95/98/NT, 8MB RAM. Optional MIDI interface.

**INPUT METHODS** QWERTY keyboard, point-and-click with mouse, MIDI step entry, realtime MIDI entry while listening to previously recorded parts, and importing Standard MIDI Files. Fixed or user-definable split point. Quantization on input and after input.

**SYMBOLS** Graphic notation. Tablature not linked to standard notation. Beam and slur cross-staff and can cross barlines. Hand-adjustable and globally user-definable beam slant. Automatic, hand-adjustable, and globally-definable symbol spacing. 44 maximum staves per system.

**OUTPUT** Automatic part extraction. Saves parts as separate files.

**FEATURES/OPTIONS** Allows direct inclusion to publishing programs and word processors. Full MIDI implementation of all performance marks. Swing and loose playback. Optional 16-stave (\$139.95) and 8-stave (\$69.95) versions.

### MUSITEK

#### MIDISCAN for Windows

**DESCRIPTION** Score scanning software.

**MSRP** \$299.

**PLATFORMS** PC with 386 or better, 8MB RAM, and 10MB free disk space. Supports MIDI Mapper or any installed MIDI driver.

**INPUT METHODS** QWERTY keyboard, point-and-click with mouse, importing Standard MIDI Files, and interpreting scanned graphic files.

**SYMBOLS** Graphic notation. Transposable note data chord symbols. Automatic symbol spacing. 16 maximum staves per system.

**FEATURES/OPTIONS** Includes Lime NIFF notation software. Automatic export of MIDISCAN files into Lime as NIFF files. NIFF format retains MIDI note data as well as page, staff, system, measure, stem direction, and other graphical object attributes for exchange of music notation pages between programs.

#### PianoScan for Windows

**DESCRIPTION** Score scanning software.

**MSRP** \$99.

**PLATFORMS** PC with 386 or better, 8MB RAM, 10MB free disk space.

**INPUT METHODS** QWERTY keyboard, point-and-click with mouse, importing Standard MIDI Files, and interpreting scanned graphic files.

**SYMBOLS** 2 maximum staves per system.

**FEATURES/OPTIONS** Supports NIFF file format. NIFF (Notation Interchange File Format) retains MIDI note data and page, staff, system, measure, stem direction graphical attributes and other graphical object attributes for exchange of music notation pages between programs.

#### SmartScore

**DESCRIPTION** Score scanning software.

**MSRP** \$399.

**PLATFORMS** PC with 386 or better running Windows 3.x/95, 16MB RAM; 68K and PowerMac running OS 7, 16MB RAM.

**INPUT METHODS** QWERTY keyboard, point-and-click with mouse, realtime MIDI entry, importing Standard MIDI Files, and interpreting scanned graphic files. Quantization on input and after input.

**SYMBOLS** Graphic notation. Transposable note data chord symbols. Beams and slurs can cross barlines. Beams can cross staves. Automatic symbol spacing. 32 maximum number of staves per system.

**OUTPUT** Saves parts as separate files. Exports BMP of area selection.

**FEATURES/OPTIONS** Fully-integrated scanning, scoring, and MIDI sequencing. Includes recognition of new objects such as dynamics, articulations, and lyrics. Scan or score from scratch.

### PERSONAL COMPOSER



Reader Service No. 234

### Personal Composer

**DESCRIPTION** Integrated notation software/ MIDI sequencing software. **MSRP** /CURRENT VERSION \$69 - \$199/1.3b.

**PLATFORMS** PC: 386, Windows 3.1, 95, NT. 8Mb RAM, 3Mb hard disk space. Requires soundcard or Roland MPU-401 MIDI interface.

**INPUT METHODS** QWERTY keyboard, point-and-click, MIDI step entry, realtime MIDI entry while listening to previously recorded parts, realtime MIDI entry, importing Standard MIDI Files. Fixed and user-definable split point.

**SYMBOLS** Alternate notehead symbols. Tablature linked to standard notation. Manual chord symbols. Cross-barline beams, slurs, and tuplets. Cross-staff beams, slurs, and tuplets. Beam slant adjustable by hand, user-definable globally. Hand-adjustable globally definable symbol spacing. Eight, 16, or 44 staves per system (three models).

**OUTPUT** Save parts as separate files. Exports BMP, area selection.

**OTHER FEATURES** Exports WMF graphics to DTP and WP apps., area selection.

### SIBELIUS SOFTWARE

# SIBELIUS®

THE MUSIC NOTATION SOFTWARE

Reader Service No. 233

### Sibelius for Windows/Mac

**DESCRIPTION** Notation software.

**MSRP** \$695; call for academic pricing.

**PLATFORMS** PC with 486DX-100 running Windows 95, 8MB RAM, 10MB free disk space; Power Mac running OS 7, 8MB RAM, 10MB free disk space; Acorn with RISC PC, 8MB RAM, 10MB free disk space. Supports standard MIDI interfaces.

**INPUT METHODS** QWERTY keyboard, point-and-click with mouse, MIDI step entry, realtime MIDI entry while listening to previously recorded parts, importing Standard MIDI Files, interpreting scanned graphic files, tablet, stylus, and importing Finale, Encore, and Score files. Moves according to input. Quantization on input.

**SYMBOLS** Graphic notation. Tablature linked to standard notation and MIDI with user-tunable strings. Manual, MIDI input, jazz extension, and transposable note data chord symbols. Beam and slur can cross barlines. Beam, slur, and tuplet can cross staves. Hand-adjustable, globally user-definable beam slant. Hand-adjustable, globally definable symbol spacing. Unlimited number of staves per system.

**OUTPUT** Automatic part extraction. Saves parts as separate files. Exports EPS and BMP of full page only.

**FEATURES/OPTIONS** Internet publishing, scanning, automatic expression, and Manuscript language for writing own plug-in scripts. Realtime input follows tempo during user performance.

### SION SOFTWARE

### Copyist

**DESCRIPTION** Notation software.

**MSRP** \$69.95.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, 4MB free disk space.

**INPUT METHODS** QWERTY keyboard, point-and-click, and importing QuickScore files. Split point moves according to input.

**SYMBOLS** Alternate notehead symbols. Tablature not linked to standard notation. Manual chord and Roman numeral symbols. Beam, slur, and tuplet cross-barline and can cross staves. Hand-adjustable, globally user-definable beam slant. Automatic, hand-adjustable symbol spacing. 16 maximum staves per system.

**OUTPUT** Exports EPS and BMP of full page only.

### QuickScore Elite 5.1

**DESCRIPTION** Integrated notation/MIDI sequencing software.

**MSRP** \$79.95.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, 5MB free disk space.

**INPUT METHODS** Point-and-click, MIDI step entry, realtime MIDI entry while listening to previously recorded parts, importing Standard MIDI Files, and MIDI recording while tapping beat. Split point moves according to input.

**SYMBOLS** Alternate notehead symbols. Tablature not linked to standard notation. Manual chord and Roman numeral symbols. Beam, slur, and tuplet cross-barline and can cross staves. Hand-adjustable, globally user-definable beam slant. Automatic, hand-adjustable symbol spacing. 16 maximum staves per system.

**OUTPUT** Automatic part extraction. Exports EPS and BMP of full page only.

### QuickScore Elite Level II

**DESCRIPTION** Integrated notation/MIDI sequencing software.

**MSRP** \$179.95.

**PLATFORMS** PC with 386 running Windows 3.1/95, 4MB RAM.

**INPUT METHODS** Point-and-click, MIDI step entry, realtime MIDI entry while listening to previously recorded parts, importing Standard MIDI Files, and MIDI recording while tapping beat. Split point moves according to input.

**SYMBOLS** Alternate notehead symbols. Tablature linked to MIDI with user tunable strings. Manual and transposable note data chord symbols. Slur cross-barlines. Beam, slur, and tuplet can cross staves. Hand-adjustable, globally user-definable symbol spacing. 48 maximum staves per system.

**OUTPUT** Automatic part extraction. Exports EPS and BMP of full page only.

### VOYETRA/TURTLE BEACH

### Music Write Plus

**DESCRIPTION** Guitar tablature software.

**MSRP** \$49.95.

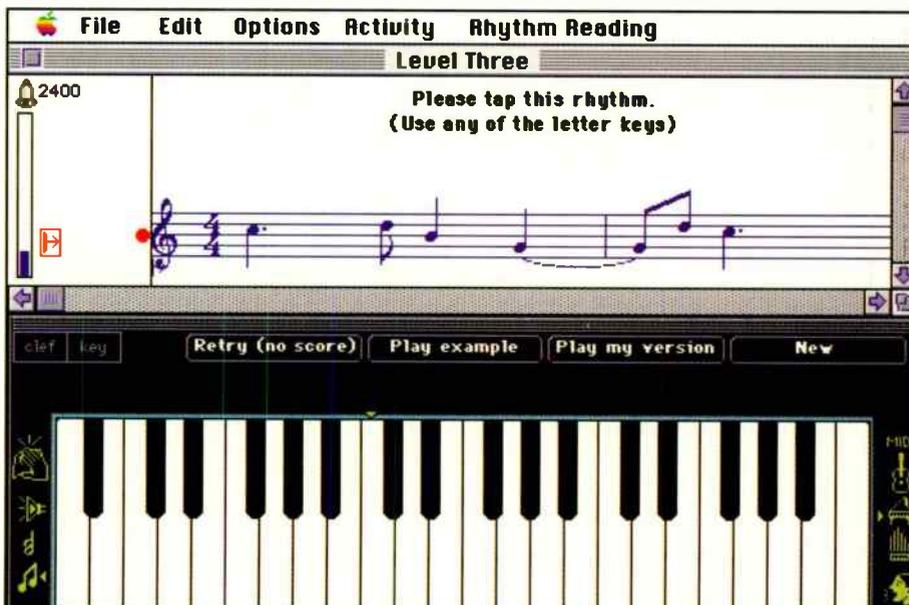
**PLATFORMS** 66mhz PC running Windows 3.x/95/98, 8MB RAM, 2MB free disk space.

**INPUT METHODS** Point-and-click with mouse, MIDI step entry, realtime MIDI entry, and importing Standard MIDI Files. Quantization on input.

**SYMBOLS** Manual chord symbols. Hand-adjustable symbol spacing. 2 maximum staves per system.

## Educational Music Software

### ARS NOVA SOFTWARE



Ars Nova Practica Musica 3

Reader Service No. 238

### Kidmusic

**DESCRIPTION** Notation introduction for kids.

**MSRP** single user, \$75; site license, \$300.

**PLATFORMS** Mac with 68020 running OS7, 8MB RAM, 10MB free disk space.

**FEATURES** Kidmusic uses popular and children's songs to introduce music notation. Contains programs for 3-7 and 8-13 year old students. Editable 75-song library. Students practice pitch and rhythm reading exercises. Song-writing feature allows children to notate and listen to their compositions. MIDI supported but not required.

### Practica Musica 3

**DESCRIPTION** Music theory and ear training.

**MSRP** single user, \$99; family edition, \$140; site license, \$450.

**PLATFORMS** Mac Plus running OS 6.0.7, 4MB RAM, 6MB free disk space.

**FEATURES** Comprehensive music theory and ear training tutor contains 16 activities including pitch reading, pitch ear training, rhythm reading, rhythm ear training, interval playing, interval spelling, and chord progression ear training. MIDI supported but not required.

### ELECTRONIC COURSEWARE

### Adventures In Musiland

**DESCRIPTION** Music fundamentals.

**MSRP** single user, \$49.95; lab pack, \$150; network, \$250; site license, \$350.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, 8MB free disk space, Windows-compatible soundcard. Mac running OS 6.0.7, 2MB RAM, 8MB free disk space.

**FEATURES** Music games featuring characters from Lewis Carroll's Alice in Wonderland. Players learn through pictures, sounds, and animation to develop understanding of musical tones, composers, and musical symbols. Games include MusicMatch, Melody Mixup, Picture Perfect, and Sound Concentration.

### Audio Mirror

**DESCRIPTION** Vocal instruction.

**MSRP** single user, \$79.95; lab pack, \$270; network, \$400; site license, \$560.

**PLATFORMS** PC running Windows 95, 8MB RAM, SVGA, 4MB free disk space, and Soundblaster-compatible soundcard.

**FEATURES** Aids in practice singing and matching pitches. Reads sung notes in realtime to determine sharp or flat in cents. User-defined compensation for various mic level inputs and impedances. Record-keeping progress and performance tracking and evaluation.

### Aural Skills Trainer

**DESCRIPTION** Ear training.

**MSRP** single user, \$99.95; lab pack, \$365; network, \$500; site license, \$700.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, Windows-compatible soundcard, MIDI optional; Mac running OS 6.0.7, 2MB RAM, MIDI optional; Atari 1040ST; Apple IIe/IIg.

### Ars Nova Songworks 2

Reader Service No. 239.

**FEATURES** Designed to improve ability to perceive and identify intervals, basic chords, and seventh chords by ear. Keeps student records including diagnostic information, progress reports, and completion scores.

### Clef Notes

**DESCRIPTION** Note reading.

**MSRP** single user, \$39.95; lab pack, \$140; network \$200; site license, \$280.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, Windows-compatible soundcard; Mac running OS 6.0.7, 2MB RAM; Atari 1040ST; Apple IIe/IIgs.

**FEATURES** Designed to improve speed identifying music notes on staff using treble, alto, tenor or bass clefs. Correct answers are selected on graphic display using cursor. 10 notes must be identified consecutively to complete a session. Scores are stored in a Hall of Fame at the end of each session. Includes full student record keeping.

### Digital Music Mentor

**DESCRIPTION** Teacher Utility.

**MSRP** \$39.95.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, Windows-compatible soundcard.

**FEATURES** Music teachers record exercises and tunes to be studied by music students who can study away from class or lesson. Students can record their version of music piece for teachers to review.

### Ear Challenger

**DESCRIPTION** Ear training.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, Windows-compatible soundcard. MIDI optional.

**FEATURES** Aural-visual music game designed to increase player's ability to remember series of pitches. Provides 7 levels of difficulty based on number of pitches presented. Different pitches are reinforced onscreen with contrasting colors.

### Early Music Skills

**DESCRIPTION** Music fundamentals.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, Windows-compatible soundcard. MIDI optional; Mac running OS 6.0.7, 2MB RAM, MIDI optional; Apple IIe/IIgs.

**FEATURES** Tutorial and drill program designed for beginning music students. Covers 4 basic music reading skills: line recognition and note spaces, music staff numbering comprehension, visual and aural identification of note pitch, and step and skip note recognition.

### Echos

**DESCRIPTION** Piano instruction.

**MSRP** single user, \$79.95; lab pack, \$270; network, \$400; site license, \$560.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, BMB free disk space, Windows-compatible soundcard; Mac running OS 6.0.7, 2MB RAM, and Mac-compatible MIDI interface.

**FEATURES** Focuses on strengthening sight-reading skills and rhythm and note reading accuracy. Incorporates musical examples from the key

of C to 3 sharps and flats up to 6 sharps and flats in major and minor keys. Missed notes are highlighted for quick recognition. Contains additional sightreading flashes.

### ECS Music Metronome

**DESCRIPTION** Music software tools.

**MSRP** \$29.95.

**PLATFORMS** PC running Windows 3.1/95, BMB RAM, 4MB free disk space, and Windows-compatible soundcard.

**FEATURES** Accurate tempo tool for practice. Preset and user-definable tempo settings.

### ECS Music Tuner

**DESCRIPTION** Ear training.

**MSRP** \$29.95.

**PLATFORMS** PC running Windows 95, BMB RAM, 4MB free disk space, and Soundblaster-compatible soundcard.

**FEATURES** Displays if voice or performance is sharp or flat in realtime. +/- 50 cents range.

### Elements of Music

**DESCRIPTION** Music fundamentals.

**MSRP** single user, \$79.95; lab pack, \$270; network, \$400; site license, \$560.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, and Windows-compatible soundcard; Mac running OS 6.0.7, 2MB RAM; Apple IIe/IIgs.

**FEATURES** Entry-level music program for children or adults. Random timed or untimed drills for naming major and minor key signatures and naming notes from a musical staff or keyboard. Includes progress tests per drill, progress reports for students and instructor access to student records.

### Functional Harmony

**DESCRIPTION** Music theory.

**MSRP** single user, \$149.95; lab pack, \$560; network, \$750; site license, \$1,050.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, and Windows-compatible soundcard, MIDI optional; Mac running OS 6.0.7, 2MB RAM, MIDI optional.

**FEATURES** Designed to develop facility in harmonic analysis. Allows user to practice analyzing basic chords in major or minor keys and in root position or inversions. Also presents diatonic seventh chords, secondary dominants, and practice on borrowed and altered chords. Student record keeping included.

### Harmonic Progressions

**DESCRIPTION** Music theory.

**MSRP** single user, \$200; lab pack, \$700; network, \$1,000; site license, \$1,400.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, Windows-compatible soundcard. MIDI optional; Mac running OS 6.0.7, 2MB RAM, MIDI optional.

**FEATURES** Improves functional harmonic analysis. Studies include root position chords, inverted chords, embellishing 6 chords and the V7, diatonic 7ths, and cadence patterns. Over 200 chord sets. Includes practice in analyzing chords, harmonic dictation, and aural identification.

### Keyboard Arpeggios

**DESCRIPTION** Piano instruction.

**MSRP** single user, \$79.95; lab pack, \$200; network, \$400; site license, \$560.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, Windows-compatible soundcard with MIDI interface; Mac running OS 6.0.7, 2MB RAM, MIDI interface.

**FEATURES** Reviews arpeggio performance and fingerings in 5 sections: instructions, hand over hand triads (major and minor), major triads (two octaves), minor triads (two octaves), and a final quiz. Evaluations stored in student records for teacher review.

### Keyboard Blues

**DESCRIPTION** Jazz improvisation.

**MSRP** single user, \$79.95; lab pack, \$200; network, \$400; site license, \$560.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, Windows-compatible soundcard and MIDI keyboard; Mac running OS 6.0.7, 2MB RAM, and MIDI interface.

**FEATURES** Presents simple blues chords. Twelve-bar blues practice through playing and hearing chord changes. Drill-and-practice section scores knowledge of blues chords. Original solo with computer accompaniment. Student evaluation and record keeping.

### Keyboard Chords

**DESCRIPTION** Music theory.

**MSRP** single user, \$79.95; lab pack, \$200; network, \$400; site license, \$560.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, Windows-compatible soundcard. MIDI optional; Mac running OS 6.0.7, 2MB RAM, MIDI optional.

**FEATURES** Presents simple chords presented in tutorials on major, minor, diminished, and augmented chords. Chord-spelling drill, keyboard drill, and tests. User-selectable inversions (root, 1st, or 2nd) and clefs (treble or bass) for drills. Features student evaluation and record keeping.

### Keyboard Extended Jazz Harmonies

**DESCRIPTION** Music theory.

**MSRP** single user, \$79.95; lab pack, \$200; network, \$400; site license, \$560.

**PLATFORMS** PC running Windows 3.1/95, 4MB RAM, Windows-compatible soundcard. MIDI optional; Mac running OS 6.0.7, 2MB RAM, MIDI optional.

**FEATURES** Sequel to Keyboard Jazz Harmonies designed to teach identification and building of 9th, 11th, and 13th chords. Includes visual chord recognition, aural chord recognition, chord symbol drill, and chord spelling drill.

### Keyboard Intervals

**DESCRIPTION** Music theory.

**MSRP** single user, \$79.95; lab pack, \$200; network, \$400; site license, \$560.

**PLATFORMS** PC running Windows 3.1/95/98, BMB RAM, Windows-compatible soundcard. MIDI optional; Mac with 2MB RAM, 2MB free disk space.

**FEATURES** Helps musicians learn to play major, minor, diminished, and augmented intervals. Requires students to read music and play notes on a music keyboard. Includes student evaluation and record keeping.

### Keyboard Jazz Harmonies

**DESCRIPTION** Music theory.

**MSRP** single user, \$79.95; lab pack, \$200; network, \$400; site license, \$560.

**PLATFORMS** PC running Windows 3.1/95/98, BMB RAM, Windows-compatible soundcard. MIDI optional; Mac with 2MB RAM, 2MB free disk space. MIDI optional.

**FEATURES** Teaches chord symbols, 7th chord recognition, and chord spelling. Basic knowledge of traditional harmonies and musical intervals required. Consists of a tutorial, 4 drills, and 5 quizzes.

### Keyboard Kapers

**DESCRIPTION** Piano instruction.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** PC running Windows 3.1/95/98, BMB RAM, Windows-compatible soundcard. MIDI optional; Mac running OS 6.0.7, 2MB RAM, MIDI optional.

**FEATURES** Plots notes on grand staff and requires the note be played on the keyboard, trains ear by presenting one note visually and aurally and asking user to identify other notes played by the computer, requires user to play back notes presented onscreen as quickly as possible.

### Keyboard Note Drill

**DESCRIPTION** Piano instruction.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** PC running Windows 3.1/95/98, 8MB RAM, Windows-compatible soundcard. MIDI optional; Mac running OS 6.0.7, 2MB RAM. MIDI optional.

**FEATURES** Increases speed in identifying notes randomly placed on bass and treble staves. Music keyboard is used to select correct answers. Summary score presented at the end of each session. Response time can be set to adjust level of difficulty.

### Keyboard Speed Reading

**DESCRIPTION** Piano instruction.

**MSRP** single user, \$79.95; lab pack, \$200; network, \$400; site license, \$560.

**PLATFORMS** PC running Windows 3.1/95/98, 4MB RAM, Windows-compatible soundcard. MIDI optional; Mac running OS 6.0.7, 2MB RAM. MIDI optional.

**FEATURES** Timed drill requiring user to play as quickly as possible sets of notes. Completion time user-selectable.

### Keyboard Tutor

**DESCRIPTION** Piano instruction.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** PC running Windows 3.1/95/98, 4MB RAM, Windows-compatible soundcard. MIDI optional; Mac running OS 6.0.7, 2MB RAM. MIDI optional; Apple IIe/Iigs.

**FEATURES** Presents exercises for learning elementary keyboard skills, including knowledge of names of keys, piano keys matched to notes, notes matched to piano keys, and whole steps and half steps. Each lesson allows unlimited practice of the skills.

### KIDS

**DESCRIPTION** Early childhood music education.

**MSRP** single user, \$79.95; lab pack, \$200; network, \$400; site license, \$560.

**PLATFORMS** PC running Windows 3.1/95/98, Windows-compatible soundcard. CD-ROM drive and MIDI interface required.

**FEATURES** Music games for young musicians that reinforce learning correct finger numbers for piano playing, keyboard geography by recognizing solfege, syllables or note names, placement of notes on treble staff, and playing notes presented aurally. Teacher can choose letter names, fixed DO solfege, or moveable DO solfege for each study.

### MIDI Jazz Improvisation Series

**DESCRIPTION** Jazz improvisation.

**MSRP** \$79.95 per volume.

**PLATFORMS** PC running Windows 3.1/95/98, sequencer supporting Standard MIDI files; Mac running OS 6.0.7, sequencer. MIDI interface required for both platforms.

**FEATURES** 2-volume series teaches flexibility in changing keys. Organized into 8 separate tracks for bass line, chords, melody, riff, scale study, sample improvised lines, drums, and user soloing. Introduces II-V-I progressions, slow blues in B $\flat$ , medium blues in F, fast blues in C, minor blues, samba, ballads with II-V progressions, 12-bar blues, and more.

### Music Composer Quiz

**DESCRIPTION** Music history.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** PC running Windows 3.1/95/98, 4MB RAM, Windows-compatible soundcard; Mac running OS 6.0.7, 2MB RAM; Apple IIe/Iigs.

**FEATURES** 20 questions that users are given 3 chances to answer before answer is displayed. Instructors may edit or print any of 100 quiz questions. Retains student records.

### Music Flash Cards

**DESCRIPTION** Music theory.

**MSRP** single user, \$99.95; lab pack, \$365; network, \$500; site license, \$700.

**PLATFORMS** PC running Windows 3.1/95/98, 4MB RAM, Windows-compatible soundcard; Mac running OS 6.0.7, 2MB RAM; Apple IIe/Iigs.

**FEATURES** Music material presented in drill-and-practice format. Includes 9 lessons such as names of notes, rhythm values, rhythm value equivalents, major scales, minor scales, modal scales, key signatures, and more.

### Music History Review: Composers

**DESCRIPTION** Music history.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** PC running Windows 3.1/95/98, 8MB RAM, Windows-compatible soundcard, 4MB free disk space; Mac running OS 6.0.7, 2MB RAM.

**FEATURES** Tests knowledge of composers from Renaissance to 20th century. Questions presented in multiple-choice format. Coordinated with *A History of Western Music*, 4th edition, by Grout and Palisca (published by W.W. Norton).

### Music Terminology

**DESCRIPTION** Music fundamentals.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** PC running Windows 3.1/95/98, 4MB RAM, Windows-compatible soundcard, 2MB free disk space; Mac running OS 6.0.7, 2MB RAM, 2MB free disk space; Apple IIe/Iigs.

**FEATURES** Set of 5 independent programs for improving user's knowledge of music terminology. Includes glossary of terms, categories of terms, true/false test, multiple-choice test, and fill-in questions.

### Music Terminology Bands, Orchestras & Choirs

**DESCRIPTION** Music fundamentals.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** PC running Windows 3.1/95/98, 4MB RAM, Windows-compatible soundcard, 2MB free disk space; Mac running OS 6.0.7, 2MB RAM.

**FEATURES** Music terminology for bands, orchestras, and choirs designed to facilitate learning fundamental musical terminology. Topics include dynamics, tempo markings, stylistic expression markings, music symbols, key signatures, scales, and string terminology.

### Musical Stairs

**DESCRIPTION** Music theory.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** PC running Windows 3.1/95/98, 4MB RAM, Windows-compatible soundcard; Mac running OS 6.0.7, 2MB RAM.

**FEATURES** Aural-visual drill-and-practice game designed to introduce interval relationships to young students with quizzes in treble and bass clef with randomly selected numeric intervals within one octave on the white keys. Includes student scores and a Hall of Fame section.

### Musicus

**DESCRIPTION** Rhythm training.

**MSRP** single user, \$29.95; lab pack, \$105; network, \$150; site license, \$210.

**PLATFORMS** PC running Windows 3.1/95/98, 4MB RAM, Windows-compatible soundcard; Mac running OS 6.0.7, 2MB RAM.

**FEATURES** Game where falling note blocks of rhythm must be maneuvered into measures of specific meters. User has option to hear their completed rhythmic lines. May be used in Spanish or English.

### Musique

**DESCRIPTION** Music theory.

**MSRP** single user, \$595; lab pack, \$1,875; network, \$2,975; site license, \$4,165.

**PLATFORMS** PC running Windows 3.1/95/98, 8MB RAM, Windows-compatible soundcard. MIDI optional; Mac running OS 6.0.7, 4MB RAM. MIDI optional.

**FEATURES** Complete curriculum series of self-paced exercises for theory instruction. Sequencing of ear-training and theory drills present immediate feedback while maintaining achievement scores for both student and instructor analysis.

### Note Detective

**DESCRIPTION** Piano instruction.

**MSRP** single user, \$100; lab pack, \$430; network, \$500; site license, \$700.

**PLATFORMS** PC running Windows 3.1/95/98, 8MB RAM, Windows-compatible soundcard, MIDI keyboard; Mac running OS 6.0.7, 4MB RAM, MIDI interface.

**FEATURES** Graphic tutorial and game series designed to help users develop keyboard skills. Introduces beginners to basic music, sounds, and staff note reading.

### Note Speller

**DESCRIPTION** Note reading.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** PC running Windows 3.1/95/98, 8MB RAM, Windows-compatible soundcard. MIDI optional; Mac running OS 6.0.7, 2MB RAM. MIDI optional; Apple II.

**FEATURES** Drill-and-practice game designed to teach notes presented on the alto, treble, or bass staff.

### Ricochet

**DESCRIPTION** Piano instruction.

**MSRP** single user, \$29.95; lab pack, \$105; network, \$150; site license, \$210.

**PLATFORMS** PC with Pentium 120MHz or better running Windows 95/98, Pentium 120MHz or better, Windows-compatible soundcard.

**FEATURES** Highlighted keys after random balls ricochet off piano keys on the computer screen. After 60 seconds the computer will add another ball for the challenge. Tempo can be changed by the difficulty level chosen.

### Super Ear Challenger

**DESCRIPTION** Ear training.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** Mac running OS 6.0.7, 2MB RAM. MIDI optional.

**FEATURES** Aural-visual game designed to increase tonal memory of a series of pitches played by the computer. Game based on 12-note chromatic scale, major scale, and minor scale.

### Super Musicus

**DESCRIPTION** Rhythm training.

**MSRP** single user, \$29.95; lab pack, \$105; network, \$150; site license, \$210.

**PLATFORMS** PC running Windows 3.1/95/98, 4MB RAM, Windows-compatible soundcard; Mac running OS 6.0.7, 2MB RAM.

**FEATURES** Teaches relative length of notes (whole, half, quarter, eighth, sixteenth and triplets), combinations of tied notes of equal values (two tied quarter), and tied notes of unequal value or dotted notes.

### Symbol Simon

**DESCRIPTION** Music terms/symbols.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** PC running Windows 3.1/95/98, 4MB RAM, Windows-compatible soundcard, 2MB free disk space.

**FEATURES** 2 colorful games to help players learn to identify music symbols and match them with definitions while helping to develop reasoning skills and memory.

### Tap-It

**DESCRIPTION** Rhythm training.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** PC running Windows 3.1/95/98, 4MB RAM, Windows-compatible soundcard. MIDI optional; Mac running OS 6.0.7, 2MB RAM. MIDI optional.

**FEATURES** Rhythm skills program teaching concepts of beat and tempo through the presentation of rhythm and tapping drills where users respond after either listening or reading rhythm patterns.

### TimeSketch Editor

**DESCRIPTION** Thematic analysis.

**MSRP** single user, \$99.95; lab pack, \$365; network, \$500; site license, \$700.

**PLATFORMS** PC running Windows 3.1/95/98, 8MB RAM, Windows-compatible soundcard.

**FEATURES** Designed to facilitate listening and aurally analyzing CD music. Can be used to create unique teacher-developed listening lessons with any audio CD.

### TimeSketch Series

**DESCRIPTION** Thematic analysis.

**MSRP** \$39.95 - \$59.95, dependent on sketch title.

**PLATFORMS** PC running Windows 3.1/95/98, MPC2-compliant, Windows-compatible soundcard, 4MB RAM; Mac running OS 7, color monitor, CD-ROM, 2MB RAM.

**FEATURES** Set of Windows and Macintosh applications. Each sketch includes a CD recording of the work in addition to the form analysis of the piece, ideal for use in fundamentals courses, appreciation courses, music history courses, or literature courses.

### Toon Up

**DESCRIPTION** Ear training.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** PC running Windows 3.1/95/98, Windows-compatible soundcard, 4MB RAM.

**FEATURES** Colorful program offering fun while users learn intonation. Choose between carnival game or more traditional instruments to

try to get random pitches in tune.

### Tune It II

**DESCRIPTION** Ear training.

**MSRP** single user, \$39.95; lab pack, \$140; network, \$200; site license, \$280.

**PLATFORMS** Mac running OS 6.0.7, 2MB RAM.

**FEATURES** Designed to give music students practice in matching pitches. 2 pitches are played with the second one sounding out of tune with the first one, and student adjusts the second pitch until it matches the first.

### EMEDIA

#### eMedia Guitar Method 1 and 2

**DESCRIPTION** Guitar instruction/practice software.

**MSRP** \$59.95.

**PLATFORMS** PC with 386 running Windows 3.1, CD-ROM drive, soundcard, VGA+ display, 4MB RAM, 5MB free disk space; Mac 68020 or better running OS 7, CD-ROM drive, 4MB RAM.

**FEATURES** Guitar tutorials with 60 lessons supported by 100 songs/exercises, including many famous songs. Also includes automatic electronic tuner, metronome, recorder, and chord dictionary with playback.

### EVOLUTION

#### Music Teacher

**DESCRIPTION** Piano instruction.

**MSRP** \$59.

**PLATFORMS** PC with 486 running Windows 3.1, 4 MB RAM, 5MB free disk space. MIDI interface required.

**FEATURES** Gives scores and comments on student performance. Shows how to load in MIDI files and play them, tests notes, rhythm or both in single- or 2-handed exercises.

### EXPLORER MUSIC GROUP

#### Blues Guitar Explorer

**DESCRIPTION** Guitar instruction.

**MSRP** \$59.95.

**PLATFORMS** PC with 75mHz Pentium running Windows 95/NT 4.0, 3 MB RAM, 3MB free disk space.

**FEATURES** Intermediate skill level guitar instruction. Digital video from 3 camera angles with looping and 1/2-speed option, scrolling graphics in sync with video, printable screens, enhanced disc. Lessons include slide, soloing concepts, chordal fills, mixing major and minor pentatonic scales. Each song has a track with or without guitar so the student can jam with the band.

#### Blues Guitar Explorer

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### HARMONIC VISION

#### Music Ace

**DESCRIPTION** Ear training/composition/music theory/piano instruction software.

**MSRP** \$49.95.

**PLATFORMS** PC 386 25mHz running Windows 3.1, 4MB RAM, 640x480 SVGA, 12MB free disk space, 3.5" disk drive, MPC-compatible soundcard or GM module required, no MIDI keyboard required; Mac 68030/25MHz running OS 7.0.1, 6MB RAM, 640x480 color monitor, 11MB free disk space, 3.5" disk drive.

**FEATURES** Designed to provide introduction to music fundamentals for beginning music students. 24 lessons.

### IMAJA

#### Listen

**DESCRIPTION** Ear training.

**MSRP** single user, \$99; 5-user lab pack, \$249; 10-user lab pack, \$498.

**PLATFORMS** All Macs running OS 6, 1MB RAM, 1MB free disk space.

**FEATURES** Provides melody, interval, and chord exercises in matching and multiple choice modes. Single notes, melody, growing melody, intervals, triads, 7th, 9th, 11th, 13th chords, random atonal chords, interval identification, chord type identification, chord type identification, and inversion identification. Uses built-in sounds or MIDI instruments.

### JUMP! MUSIC

#### Piano Discovery for Kids

**DESCRIPTION** Piano instruction.

**MSRP** \$49.99.

**PLATFORMS** PC with 486/33mHz running Windows 3.1/95, 8MB RAM, 25MB free disk space; Power Mac running OS 7.5.1, 16MB RAM, 27MB free disk space. MIDI interface required.

**FEATURES** Designed for children ages 6-12. Teaches piano keyboard and music basics. Works with any standard MIDI keyboard.

#### Piano Discovery Software

**DESCRIPTION** Piano instruction.

**MSRP** \$49.99.

**PLATFORMS** PC 486/66mHz running Windows 3.1/95, 8MB RAM, 35MB free disk space; Power Mac running OS 7.5.1, 16MB RAM, 25MB free disk space. MIDI interface required.

**FEATURES** Guaranteed to teach anyone to play, regardless of skill level.

#### Piano Discovery System

**DESCRIPTION** Piano instruction.

**MSRP** \$199.99.

**PLATFORMS** PC 486/66mHz running Windows 3.1/95, 8MB RAM, 35MB free disk space.

**FEATURES** Guaranteed to teach anyone to play songs and read music right from the start. Includes 1 full year of piano lessons and a MIDI keyboard with connecting cable.

### KBA SOFTWARE

#### Chord ID

**DESCRIPTION** Ear training.

**MSRP** \$14.95.

**PLATFORMS** PC running Windows 95/98/NT.

**FEATURES** Self-instruction in harmonic ear training. Each lesson contains 20 questions of 8 bars each, preceded by a 2 bar count off. Chord function by clicking screen chord symbols, reviewing or repeating as necessary.

#### Interval ID

**DESCRIPTION** Music theory.

**MSRP** \$14.95.

**PLATFORMS** PC running Windows 95/98/NT.

**FEATURES** Self-instruction program for spelling intervals. 30 graduated exercises cover all diatonic and chromatic intervals in common use, up and down.

#### Music Fundamentals Course

**DESCRIPTION** Composition.

**MSRP** \$29.95.

**PLATFORMS** PC and Mac.

**FEATURES** From course materials developed at West Virginia University for distance learning instruction (text book and exercise disk included) in pop music composition using PG Music Band-in-a-Box 6.0 or higher (not included).

#### Pitch ID

**DESCRIPTION** Ear training.

**MSRP** \$14.95.

**PLATFORMS** PC running Windows 95/98/NT.

**FEATURES** Self-instruction in scale-step pitch recognition. Contains question files on major and minor scale, 49 in all, with unlimited number of randomly-selected pitches in each file.

#### Spell ID

**DESCRIPTION** Music theory.

**MSRP** \$14.95.

**PLATFORMS** PC running Windows 95/98/NT.

**FEATURES** Self-instruction program for spelling chords in all major and minor keys from chord functions and pop chord symbols. Contains 85 graduated exercises.

### MADEIRA SOFTWARE

#### ScreenDance 98

**DESCRIPTION** Music visualization.

**MSRP** \$29.95.

**PLATFORMS** PC Pentium running Windows 98/95/NT, soundcard, SVGA.

**FEATURES** CD player featuring an assortment of 18 colorful animations that react to music. Illustrates tempo, pitch, dynamic level, and the relationship between music and movement. Works with any music CD or other audio input, such as a microphone.

### MAESTRO MUSIC

#### Ear Training - Intervals

**DESCRIPTION** Ear training.

**MSRP** \$75.

**PLATFORMS** PC running Windows 95, CD-ROM; Mac with CD-ROM.

**FEATURES** Drill and practice package helps in identifying intervals, either aurally or visually on a staff. A solfege drill is also available in the aural format.

#### Fortune Cookie

**DESCRIPTION** Ear training, listening skills.

**MSRP** \$75.

**PLATFORMS** PC running Windows 95, CD-ROM; Mac with CD-ROM, 13MB free disk space.

**FEATURES** For very young beginning music students developing important musicianship topics. Nine different sections each include a tutorial to explain a principle followed by a developmental drill. Includes a voice which reads all text to the pre-reader.

#### Music Games

**DESCRIPTION** Edutainment.

**MSRP** \$55.

**PLATFORMS** Apple II, 5-1/4" and 3-1/2" versions.

**FEATURES** Sequence of games contains 5 unique game formats. Each may be played individually by a student against the computer or by 2 students in competition.

#### Music History - the Classical Period

**DESCRIPTION** Music history.

**MSRP** \$75.

**PLATFORMS** Apple II, 5-1/4" and 3-1/2" versions available.

**FEATURES** Provides views of the high points of the development of Western Civilization. Develops interest in musical heritage shared by music enthusiasts.

#### Music Theory 1

**DESCRIPTION** Music Literacy.

**MSRP** \$245.

**PLATFORMS** PC running Windows 95, CD-ROM; Mac with CD-ROM, 13MB free disk space.

**FEATURES** Sequential presentation of music literacy constitutes a theory method to supplement the first year of music study. Ideal for beginning band in 4th or 5th grade or chorus in 6th or 7th grade.

#### Music Theory 2

**DESCRIPTION** Ear training/music theory/note reading/practice software.

**MSRP** \$245.

**PLATFORMS** PC running Windows 95, CD-ROM; Mac with CD-ROM, 28MB free disk space.

**FEATURES** Continuation of Music Theory 1 develops concepts of music literacy. Contains 16 tutorial lessons plus 2 examinations. Teaches concepts of legato/portato/staccato, accelerando/ritardando, crescendo/decrescendo, tempo, and beat.

#### Music Theory - Level IV

**DESCRIPTION** Music theory/ear training.

**MSRP** \$175.

**PLATFORMS** Apple II, 5-1/4" and 3-1/2" versions.

**FEATURES** Advanced theory software prepares serious music student for college theory. 18 sequential tutorial lessons develop augmented and diminished triads in all inversions, dominant seventh chords, modes, 4-note chords, part identification, tempo, movement, and cadence.

#### Note Name Drills

**DESCRIPTION** Vocal instruction/music theory/piano instruction software.

**MSRP** \$75.

**PLATFORMS** PC running Windows 95, CD-ROM; Mac with CD-ROM.

**FEATURES** Drill and practice program increases speed and recognition of note names on a staff of the user's choice. 5 staff options include alto and tenor clef and can be adjusted for up to 3 ledger lines above and below the staff selected.

#### Rhythm Drills

**DESCRIPTION** Rhythm training.

**MSRP** \$45.

**PLATFORMS** Apple II, 5-1/4" and 3-1/2" versions.

**FEATURES** Drill and practice program for developing rhythmic skills in early level students. Realtime entry of examples allows students to see and evaluate results.

#### Scales and Key Signatures

**DESCRIPTION** Music theory.

**MSRP** \$75.

**PLATFORMS** PC running Windows 95, CD-ROM; Mac with CD-ROM.

**FEATURES** Provides drill and practice in naming the notes of diatonic scales and modes. Major and minor key signatures included. Options include naming notes and actual placement of each note on treble or bass staff. Scale choices include major, natural, harmonic and melodic minor, and 7th modes.

#### METRIC HALO LABS

##### SpectraFoo

**DESCRIPTION** Audio metering and analysis.  
**MSRP** \$99.5.

**PLATFORMS** Any Mac PowerPC running OS 7.5.3, 6MB RAM, 1.5MB free disk space.

**FEATURES** Complete phase, power, and spectral information displayed in realtime to see what you hear. Illustrates various components of audio and sound.

#### MIBAC MUSIC

##### MiBAC Jazz

**DESCRIPTION** Jazz improvisation.  
**MSRP** \$125.

**PLATFORMS** Mac running OS 6. MIDI interface required.  
**FEATURES** Allows users to play with jazz combo.

##### Music Lessons Level 1, PC

**DESCRIPTION** Music theory.  
**MSRP** \$119.

**PLATFORMS** PC running Windows 3.1/95/NT 4, VGA or SVGA.

**FEATURES** 11 drills with multiple skills levels and can be done in choice of treble, bass, tenor, or alto clefs.

##### Music Lessons Level 1, Mac

**DESCRIPTION** Music theory.  
**MSRP** \$149.

**PLATFORMS** Mac running OS 7 or better.

**FEATURES** 11 drills of multiple skills levels and can be done in choice of treble, bass, tenor, or alto clefs.

#### MIDISOFT

# Midisoft®

SOUNDS LIKE THE FUTURE™

##### Play Piano

**DESCRIPTION** Piano instruction.  
**MSRP** \$64.95.

**PLATFORMS** PC with 486/33MHz. MIDI interface required.

**FEATURES** Tutorial program teaches songs from any MIDI song file. Comes with over 40 popular classical, rock, pop, and traditional song files.

#### MUSICWARE

##### Interactive Songbook

**DESCRIPTION** Piano instruction.  
**MSRP** \$39.95.

**PLATFORMS** PC with 386 running Windows 3.1, 4 MB RAM, 10 MB free disk space. MIDI interface required.

**FEATURES** Teaches users to sing and play 10 of Lennon and McCartney's greatest hits.

##### Midisaurus

**DESCRIPTION** Music curriculum.  
**MSRP** \$29.95 per volume.

**PLATFORMS** PC with Pentium running Windows 95, 16MB RAM, 4X CD-ROM; Power Mac running OS 7.1, 16MB RAM, 4X CD-ROM.

**FEATURES** All beginning musical skills are developed through a series of colorful, engaging activities. For ages 4-10. 12 volumes.

##### Music Lab Harmony

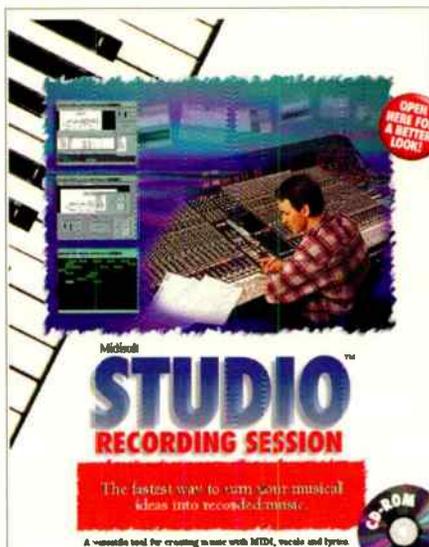
**DESCRIPTION** Ear training.  
**MSRP** \$49.95.

**PLATFORMS** PC with 386 running Windows 3.1, 8MB RAM, 6MB free disk space.

**FEATURES** Tutors harmonic dictation and harmonic analysis. Teaches users to recognize, read, and perform at keyboard and transcribe intervals and chords. Requires Soundblaster soundcard or compatible and microphone. MIDI keyboard recommended.

##### Music Lab Melody

**DESCRIPTION** Ear training.  
**MSRP** \$49.95.



MIDISOFT

Reader Service No. 245

**PLATFORMS** PC with 386 running Windows 3.1, 8MB RAM, 6MB free disk space; Mac 68030 running OS 7.1, 4MB RAM, 1.1MB free disk space.

**FEATURES** Teaches reading and writing music. Using microphone, software reads singing voice and displays it visually. Requires Soundblaster soundcard or compatible.

##### Piano

**DESCRIPTION** Piano instruction.  
**MSRP** \$99.95 per volume.

**PLATFORMS** PC with 386 running Windows 3.1/95/NT, 8MB RAM, 15 MB free disk space. MIDI interface required.

**FEATURES** Interactive piano lessons in 4 volumes. Each volume represents one year of piano instruction in 250 lessons and 2,500 exercises. Also teaches terms, rhythms, and sightreading. For ages 7-adult.

##### Sing!

**DESCRIPTION** Vocal instruction.  
**MSRP** \$49.95.

**PLATFORMS** PC with Pentium 75MHz running Windows: 95, 8MB RAM, 10MB free disk space. Requires microphone and at least a 2X CD-ROM with Soundblaster-compatible soundcard.

**FEATURES** Beginning vocal course on CD-ROM. Helps develop natural vocal skills by using software to read voice in realtime. Develops pitch and rhythm skills while helping extend range.

#### PLAY MUSIC

##### Play Blues Guitar with Keith Wyatt

**DESCRIPTION** Guitar instruction.

**MSRP** \$49.95.

**PLATFORMS** PC with 486 running Windows 3.x/95, 4MB RAM, 1MB free disk space.

**FEATURES** Teaches electric blues guitar. Contains 250 text, video, animation, and animated MIDI fretboard lessons and over 100 minutes of video and animation. Features 4 songs with lessons for playing solo and rhythm guitar parts for each song.

##### Play Guitar with Ross Bolton

**DESCRIPTION** Guitar instruction.

**MSRP** \$49.95.

**PLATFORMS** PC with 486/66MHz running Windows 95, 8MB RAM, 3MB free disk space.

**FEATURES** Teaches basic guitar. Playing technique lessons on open-position chords, open-position melodies, movable chords, and movable melodies. Each lesson followed by an original tune that uses the techniques that were taught.

##### Play Rock Guitar with Keith Wyatt

**DESCRIPTION** Guitar instruction.

**MSRP** \$49.95.

**PLATFORMS** PC with 486/66MHz running Windows 95, 8MB RAM, 3MB free disk space.

**FEATURES** Explores styles and techniques of rock's greatest guitarists. 4

classic songs are showcased: Crossroads (Cream), Little Wing (Jimi Hendrix), Freeway Jam (Jeff Beck), and Black Magic Woman (Carlos Santana). Animated music glossary linked to songs to learn technique and theory while playing the songs.

#### PLAYPRO

##### PlayPro Interactive Guitar

**DESCRIPTION** Guitar instruction.

**MSRP** Standard, \$69; Deluxe, \$99.

**PLATFORMS** PC with Pentium running Windows 95, 8MB RAM.

**FEATURES** Guitar tutorial software featuring hard-disk recording, realtime effects, chromatic tuner, and Comp-U-Pare feature that enables users to receive advice on progress and performance.

#### REPLAY TECHNOLOGIES

##### CD Looper

**DESCRIPTION** Song learning/transcriptions.

**MSRP** \$59.99.

**PLATFORMS** PC with 386 running Windows 3.x/95/98/NT, 8MB RAM, 5MB free disk space, Soundblaster-compatible soundcard and CD or CD-ROM player.

**FEATURES** Allows user to easily sample phrases off audio CDs and slow down tempo 2, 3, or 4 times while maintaining pitch. For learning new songs and doing transcriptions.

##### CD Looper Plugins Collection #1

**DESCRIPTION** Song learning/transcriptions.

**MSRP** \$39.99.

**PLATFORMS** PC with 486 running Windows 95/98/NT, 8MB RAM, 5MB free disk space, Soundblaster-compatible soundcard and CD or CD-ROM player.

**FEATURES** Adds 3 new features to CD Looper: NoteGrabber to load any WAV digital audio file and slow it down; PitchChanger to change pitch of any WAV file or CD loop; OverDubber to record own playing on top of original loop, at either full speed or slowed down then saving the output to a WAV file.

##### CD Looper Pro

**DESCRIPTION** Song learning/transcriptions.

**MSRP** \$94.99.

**PLATFORMS** PC with 486 running Windows 95/98/NT, 8MB RAM, 5MB free disk space, Soundblaster-compatible soundcard and CD or CD-ROM player.

**FEATURES** Same features of CD Looper plus ability to slow down WAV digital audio files and music from any source, such as cassettes and LPs. Also changes pitch of any loop and records live playing over original loop.

##### DeComposer

**DESCRIPTION** Practice software.

**MSRP** \$99.99.

**PLATFORMS** PC with 486 running Windows 95/98/NT, 8MB RAM, 5MB free disk space, Soundblaster-compatible soundcard and CD or CD-ROM player.

**FEATURES** Removes any instrument from a WAV digital audio file. Easily selects note ranges using note filter or boosts or cuts specific frequencies using frequency filter. Includes noise filter that removes grounding hum, electrical noise and, when recording from vinyl, pops and clicks.

#### RISING SOFTWARE

##### Auralia Version 2

**DESCRIPTION** Ear training

**MSRP** single user, \$149; academic single user, \$119; site license, \$99.5.

**PLATFORMS** PC with 486 DX4-100. MIDI interface required.

**FEATURES** Ear training program for musicians of all skill levels. Covers chords, progressions, intervals, rhythm, scales, and tuning using MIDI output and microphone input.

##### Musition

**DESCRIPTION** Music theory.

**MSRP** single user, \$99; single academic user, \$79; site license, \$795.

**PLATFORMS** PC with 486 DX4-100.

**FEATURES** Complete theory-training solution. Covers note reading, scales, chords, musical terms, musical symbols, rhythmic notation, and instrument ranges and transposition.

#### SDG SOFT

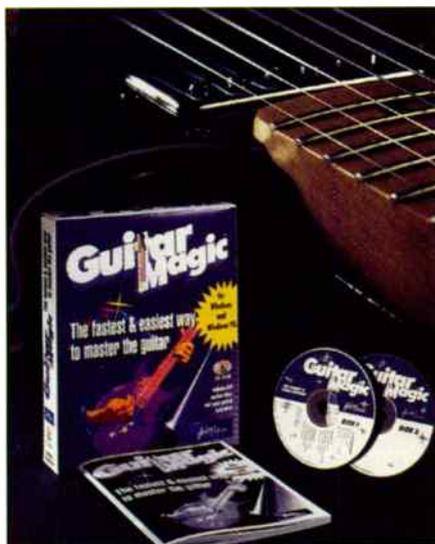
##### Guitar Magic

**DESCRIPTION** Music theory, jazz improvisation, composition.

**MSRP/CURRENT VERSION** \$99/1.21.

**PLATFORMS** PC: 486, 8MB RAM, soundcard, CD-ROM.

**FEATURES** Covers beginner to advanced levels. Examples and studies of



SDG Guitar Magic

Reader Service No. 237

all musical styles. Video, voice, text, and virtual fretboard.

### VIRTUAL VIRTUOSO

#### The Performance Assistant

**DESCRIPTION** Practice software.

**MSRP** \$20 - \$30 per title.

**PLATFORMS** PC with 386 running Windows 3.1/95, 4 MB RAM.

**FEATURES** Each title contains a complete work or collection of shorter pieces for string instruments (violin, viola, and cello) and player program. Computer plays accompaniment, solo part, or both. Tempo control and looping on selected measures.

#### The Practice Assistant

**DESCRIPTION** Practice software.

**MSRP** Player program, \$59; \$8 - \$15 per musical title.

**PLATFORMS** PC with 386 running Windows 3.1/95, 4 MB RAM.

**FEATURES** For practicing scales, etude, and performance pieces. Consists of Practice Assistant Player and any number of electronic books of music from expanding library. Currently available for violin, viola, and cello.

### VOYETRA/TURTLE BEACH

#### Computer Music Starter Kit

**DESCRIPTION** Multimedia music kit.

**MSRP** \$79.95.

**PLATFORMS** PC with 66MHz running Windows 3.x/95/98, 4MB RAM, 5MB free disk space. MIDI cable and variety of MIDI files included.

**FEATURES** Includes Voyetra MIDI Orchestrator Plus sequencer, Jam Grid interactive music utility, and multimedia tour of MIDI and music synthesis.

#### Discovering Keyboards

**DESCRIPTION** Piano instruction.

**MSRP** \$79.95.

**PLATFORMS** PC with 66MHz running Windows 3.x/95/98, 8MB RAM, 6MB free disk space.

**FEATURES** Provides introductory video keyboard training course, history of keyboard instruments, overview of MIDI and synthesizers, and songbook to store and print user-created MIDI song files.

#### Discovering Music

**DESCRIPTION** Music encyclopedia.

**MSRP** \$79.95.

**PLATFORMS** PC.

**FEATURES** Interactive CD-ROM combines researched background material, informative display graphics, MIDI music, digital audio, and full motion video. Includes Music Conservatory, Music Wire, Jammin'Keys, and Recording Station.

#### Teach Me Piano

**DESCRIPTION** Piano instruction.

**MSRP** \$79.95.

**PLATFORMS** PC with 66MHz running Windows 3.x/95/98, 8MB RAM, 6MB free disk space. MIDI interface required.

**FEATURES** Provides full course of piano lessons. Interactive scoring system evaluates performance. Also includes reference guide for understanding musical notation, songbook for printing out MIDI files as sheet music, and performance screen for playing lesson songs with background accompaniment. Includes videos, animation, and illustrations.

## Editor/Librarian Software

### DISSIDENTS

#### SXVirtual

**DESCRIPTION** sampler controller/interface

**MSRP** \$79.

**PLATFORMS** PC, Amiga. Any Windows- or Amiga-compatible serial MIDI interface.

**FEATURES** Virtual front panel and controller for the Peavey DPM-SX and SXII samplers. Controls all SX/SXII parameters and transfers samples to/from computer and sampler via MIDI and SMIDI. VU meter function. Supports WAV, AIFF, VOC, BSVX, AU, RealAudio, and other audio formats.

### EMAGIC

#### SoundDiver

**DESCRIPTION** Universal editor/librarian program.

**MSRP** \$199.

**PLATFORMS** PC, Mac, OMS-, MTP-, and standard serial-compatible Mac instruments. Windows MME-compatible instruments.

**FEATURES** Automatic dependency management libraries contain data from all devices in a studio system. User-definable screen sets.

### ILIO ENTERTAINMENTS

#### Airworks S/Link

**DESCRIPTION** Sample/audio librarian program.

**MSRP** \$199.

**PLATFORMS** Mac.

**FEATURES** Batch converts sound files between various digital audio workstation sound file formats including AIFF, AIFF-C, WAV, SoundEdit, IFF/BSVX, SND, AUD, VOC, MOD, Sound Designer I and II, Sonic Solutions, Fostex Foundation RPE, Synclavier, PostPro, CD-ROM, CD-Audio, and QuickTime.

#### ILIO SampleLog

**DESCRIPTION** Sample/audio librarian program.

**MSRP** \$29.

**PLATFORMS** Mac.

**FEATURES** Creates text file logs of all AIFF or SDII files on local Mac hard disks, optical drives, or CD-ROMs. Lists file sizes in bytes, number of samples, number of channels, file type, loop points, directory path, and more. Includes FileMaker database templates.

#### Interval Music Systems TransferStation

**DESCRIPTION** Sample/audio librarian program.

**MSRP** \$149.

**PLATFORMS** Mac.

**FEATURES** Sends, receives, and converts samples between Akai, Roland, Kurzweil, E-mu, and Peavey samplers and Macintosh computers via SCSI. Reads Akai and Roland CD-ROMs on the Mac and converts samples to AIFF or SDII files. Also converts audio CDs.

### OPCODE

#### Galaxy

**DESCRIPTION** Universal librarian program.

**MSRP** \$99.95.

**PLATFORMS** Mac.

**FEATURES** Keywords, categories, and custom modules. PatchTalk. OMS integration and name publishing to OMS-compatible sequencers.

#### Galaxy Plus Editors

**DESCRIPTION** Universal editor/librarian program.

**MSRP** \$249.95.

**PLATFORMS** Mac.

**FEATURES** Keywords, categories, and custom modules. PatchTalk. OMS integration and name publishing to OMS-compatible sequencers.

### PG MUSIC

#### SC-Pro Editor/Librarian

**DESCRIPTION** Roland Sound Canvas Editor/Lib.

**MSRP** \$29.

**PLATFORMS** PC, Mac via any external MIDI interface.

**FEATURES** Controls all Sound Canvas and Roland GS cards and module edit features.

### SONIC SCIENCE

#### Sonic Search

**DESCRIPTION** Sample/audio librarian program.

**MSRP** \$495 - \$1,495.

**PLATFORMS** Mac.

**FEATURES** Searches a constantly-updated SFX/music database. Locates, plays, uploads, spots, and networks CD auto-changers, HFS drives, and DATs to digital audio workstations, DATs, and audio routers for multiple workstations.

### SOUND QUEST

#### MIDI Quest

**DESCRIPTION** Universal editor/librarian program.

**MSRP** \$249.

**PLATFORMS** PC, Mac, Atari, and Amiga. Any Windows-compatible interface with Windows drivers. Any standard Mac MIDI- or MIDI Time Piece-compatible interfaces. Any Atari-standard MIDI ports. Any Amiga-standard MIDI interface.

**FEATURES** 16-32-bit versions supported. Over 350 instruments for Windows 98/95/3.1/NT 4.0. Includes over 32,000 unique, organized patches and 6.5 hours of video tutorials. Parent/child hierarchical bank editing. Floating editors. Automated import of most MIDI files. Intelligent file importing. Exports sysex in many different formats. File linking and virtual parameter editing.

### SOUND QUEST

#### MIDI Quest Jr.

**DESCRIPTION** Universal librarian program.

**MSRP** \$79.

**PLATFORMS** PC, Mac, Atari, and Amiga. Any Windows-compatible interface with Windows drivers. Any standard Mac MIDI- or MIDI Time Piece-compatible interfaces. Any Atari-standard MIDI ports. Any Amiga-standard MIDI interface.

**FEATURES** 16-32-bit versions supported. Over 350 instruments for Windows 98/95/3.1/NT 4.0. Includes over 32,000 unique, organized patches and 6.5 hours of video tutorials. Parent/child hierarchical bank editing. Floating editors. Automated import of most MIDI files. Intelligent file importing. Exports sysex in many different formats. File linking and virtual parameter editing.

### SOUND QUEST

#### Solo Quest

**DESCRIPTION** 1-install editor/librarian program.

**MSRP** \$99.

**PLATFORMS** PC, Mac, Atari, and Amiga. Any Windows-compatible interface with Windows drivers. Any standard Mac MIDI- or MIDI Time Piece-compatible interfaces. Any Atari-standard MIDI ports. Any Amiga-standard MIDI interface.

**FEATURES** 16-32-bit versions supported. Over 350 instruments for Windows 98/95/3.1/NT 4.0. Includes over 32,000 unique, organized patches and 6.5 hours of video tutorials. Parent/child hierarchical bank editing. Floating editors. Automated import of most MIDI files. Intelligent file importing. Exports sysex in many different formats. File linking and virtual parameter editing.

### TERZODI SOFTWARE

#### NoiZe for Windows

**DESCRIPTION** Universal editor/librarian program.

**MSRP** \$99.95.

**PLATFORMS** PC.

**FEATURES** Organizes sysex for a single patch or for entire studio. Opens multiple projects at once. Edits multiple patches at once. All patch parameters available onscreen at once. User-customizable editor layouts with color and 3D controls. Variable-sized patch banks. Includes universal librarian capabilities. User-definable librarian modules with built-in interactive module designer. MIDI logging. Compatible with screen-reader programs for the visually impaired.

#### NoiZe:Lib for Windows

**DESCRIPTION** Universal librarian program.

**MSRP** \$49.95.

**PLATFORMS** PC.

**FEATURES** Librarian portion of NoiZe for Windows.

#### NoiZe:One for Windows

**DESCRIPTION** 1-install editor/librarian program. **MSRP** \$69.95. **PLATFORMS**

PC. **FEATURES** Same program as NoiZe for Windows, except is limited to a single instrument.

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## MIDI Files

### ATS SEQUENCES

#### Arabic & Turkish MIDI Files

**DESCRIPTION** GM/GS sequences. Call for information on specific sequences available and prices. **PLATFORMS** PC and Mac.

### BEATBOY DRUM SEQUENCES

#### Eddie Bayers Country

**DESCRIPTION** \$69.95. **PLATFORMS** PC and Mac.

#### Nigel Olsson Pop

**DESCRIPTION** \$69.95. **PLATFORMS** PC and Mac.

#### Rod Morgenstein Power Rock

**DESCRIPTION** \$69.95. **PLATFORMS** PC and Mac.

#### Rod Morgenstein Progressive Rock

**DESCRIPTION** \$69.95. **PLATFORMS** PC and Mac.

#### Ultima 3000 Collection

**DESCRIPTION** \$79.95. **PLATFORMS** PC and Mac.

#### Richie Gajate-Garcia Authentic Latin Percussion

**DESCRIPTION** \$69.95. **PLATFORMS** PC and Mac.

#### Studio Series Hip-Hop

**DESCRIPTION** \$39.95. Live performance MIDI drums and percussion performances in Standard MIDI File format. **PLATFORMS** PC and Mac.

#### Studio Series House/Techno

**DESCRIPTION** \$39.95. Live performance MIDI drums and percussion performances in Standard MIDI File format. Features drum loops and complete song performances. **PLATFORMS** PC and Mac.

#### Ramon Yslas Contemporary Percussion & Drums

**DESCRIPTION** \$69.95. **PLATFORMS** PC and Mac.

### FIVE PIN PRESS

#### 101 Instant Standards for Band-in-a-Box

**DESCRIPTION** \$39.95. 101 songs for use with PG Music Band-in-a-Box. Includes printed book with songs in fake book style. Optional 3-disk set available with songs in Standard MIDI File format for an additional \$14.95. **PLATFORMS** PC, Mac, Atari, and GM.

#### 200 Instant Drum Patterns

**DESCRIPTION** 200 varied drum patterns and fills in Standard MIDI File format. Includes a book with all patterns in music and grid form. **PLATFORMS** PC, Mac, Atari, and GM.

#### Instant Rap Drum Patterns

**DESCRIPTION** \$39.95. Rap and funk drum patterns in Standard MIDI File format plus a book with all patterns shown in music form. **PLATFORMS** PC, Mac, Atari, and GM.

### KEYFAX SOFTWARE

#### Master Series

**DESCRIPTION** Bill Bruford Packet of 3: license-free drum loops and percussive statements in SMF format; John Rabbit Bundryck Classic Rock & Country Piano: piano solos, chords, intros, endings, boogie-woogie; Dangerous Drums: drum beats from Prodigy beatmeister Paul Kodish; L.A. Riot MIDI: hip-hop, trip-hop, R&B beats from Chronic Music, producers of L.A. Riot sample CD. **PLATFORMS** PC, Mac, and Atari.

#### Twiddly Bits

**DESCRIPTION** Vol. 1 General Instruments: drums, bass, guitar, brass, piano, organ, strings, percussion, and more; Vol. 2 Gate Effects: 15 templates for creating gate effects in MIDI; Vol. 3 Electric & Acoustic Guitar: guitar strums, licks, and riffs; Vol. 4 Drums & Percussion: 700 drum loops in different time signatures and feels; Vol. 5 Country: fiddle, banjo, pedal steel, piano, bass, drums, and guitar parts; Vol. 6 The Funk: Rhodes, brass, guitar, bass, drum grooves, and licks; Vol. 7 Programmer's Toolkit: techno parts and effects including gates, pans, and portamento; Vol. 8 MIDI Breakbeats: drums from hip-hop to drum 'n' bass; Vol. 9 Jazz Piano, Bass, & Drums: 1,000 jazz motifs from smooth jazz to modern; Vol. 10 Jazz Brass, Guitar, & Solo Instruments: 100s of complimentary jazz parts

to Vol. 9. **PLATFORMS** PC, Mac, and Atari.

#### World Series

**DESCRIPTION** Brazilian Rhythms: authentic beats from Brazil. Played live by top Brazilian drummer Alfredo Dias Gomes. **PLATFORMS** PC, Mac, and Atari.

### PETER SOLLEY PRODUCTIONS

#### The Best MIDI Files Money Can Buy

**DESCRIPTION** Professional Standard MIDI Files in GM/GS. \$9 per file, \$7 each for purchases of 20 or more. **PLATFORMS** PC, Mac, and SMF

### RON FRY'S CUSTOM SEQUENCES

#### Custom Sequencing.

**DESCRIPTION** \$7 each. Catalog selections, custom sequences quoted individually. Floppy disks. Standard MIDI Files and GM setups programmed from original recordings.

### VAMTECH ENTERPRISES

#### Drumtrax 3.0 Mac/Win CD ROM

**DESCRIPTION** \$99.95. Macintosh/Windows 95 CD-ROM featuring the DrumTrax Librarian database program and over 25,000 measures of fully-organized SMF drumset and percussion performances. Contains 4 complete SMF library sets to accommodate most MIDI sequencing or notation software programs. **PLATFORMS** PC, Mac, and MIDI workstations.

### VOYETRA/TURTLE BEACH

#### MIDI Music Gallery

**DESCRIPTION** Collection of music files for learning about musical styles and eras, creating multimedia presentations, or just for listening while working at the computer. **PLATFORMS** PC.

## Miscellaneous Software

### ALTERMEDIA

#### Studio Suite

**DESCRIPTION** Studio management software for handling multi-room scheduling, contact management, production orders, invoices, tape library, tape labeling, equipment inventory, maintenance reports, track sheets, recall sheets, patchbay labeler, alarms, and more. Contains 40 relational, cross-platform, networkable, user-customizable database files. **MSRP** \$349. **PLATFORMS** PC and Mac.

### ANTHION

#### Guitar Theorist

**DESCRIPTION** Computes guitar chords/scales and organizes them into documents that may be edited, filed, and printed. Features chord analysis, string detunings, capo placement, soundcard and MIDI support, and a graphical fretboard and music notation interface. **MSRP** \$49. **PLATFORMS** PC.

### AURICLE CONTROL SYSTEMS

#### Auricle: The Film Composer's Time Processor

**DESCRIPTION** Aids in composition and performance of underscores for film and television. **MSRP** \$1,995. **PLATFORMS** PC.

### CAKEWALK

#### In Concert

**DESCRIPTION** Interactive, software-based backup band that responds to live performance nuances and performs all supporting instruments. Onscreen displays of tempo, location, and volume for each instrument. Transposes files to any key and records and plays back performances. **MSRP** \$199. **PLATFORMS** PC and Mac.

### CATOVAH ARTS

#### Arranger's Tool

**DESCRIPTION** Provides computer techniques to expand harmonic repertoire by harmonizing melodies, assisting in building chord progressions, and searching for useful chords. **MSRP** \$39. **PLATFORMS** PC.

### CESIUM SOUND

#### Flex Processor

**DESCRIPTION** Gesture synthesis software that creates realistic blues bends, vibrato, runs, slides, legato fingering patterns, trills, and other exotic and even unnatural sounding pitch bend licks. Responds to continuous controller data or triggered by selected note ranges. Programmable modular architecture with preset storage. Runs under

OMS or MIDI Manager. **MSRP** \$189. **PLATFORMS** Mac.

### CROWN INTERNATIONAL

#### IQ Windows 3.0

**DESCRIPTION** IQ control software for IQ system. Control and monitoring of IQ amplifier, mixer, load monitoring, and DSP components. **MSRP** \$495. **PLATFORMS** PC.

### DIGIDESIGN

#### ToolBox for Macintosh Bundle

**DESCRIPTION** Contains Pro Tools with DAE Powermix software, Audio-media III PCI card, D-Fi and D-fx Plug-Ins, Bias Peak LE and SFX Machine Lite software. **MSRP** \$895. **PLATFORMS** Mac.

#### TurboSynth SC

**DESCRIPTION** Modular digital synthesizer creates sounds using software's oscillator or existing AIFF or Sound Designer II format files. 15 different synthesis modules with graphical patch cord interface. **MSRP** \$349. **PLATFORMS** Mac.

### ECCENTRIC SOFTWARE

#### A Zillion Kajillion Rhymes and Cliches

**DESCRIPTION** Rhyming dictionary and phrase thesaurus software finds single, double, and triple rhymes and displays over 10,000 clichés, catch phrases, and idioms at your fingertips. **MSRP** \$65. **PLATFORMS** PC and Mac.

### HOTZ INTERACTIVE



HOTZ  
INTERACTIVE

Reader Service No. 241

#### Hotz Translator

**DESCRIPTION** For accomplished and beginning musicians. Automatically translates any MIDI instrument or computer keyboard based on a chord, scale, or structure chosen from a comprehensive database. Create Hotz Trax content with onboard linear editing sequencer. **MSRP** \$299.95. **PLATFORMS** PC.

#### Hotz Trax

**DESCRIPTION** Create music, play along with CDs or Hotz-encoded MIDI files using computer keyboard, mouse, or external MIDI device. Requires CD-ROM and soundcard. Wavetable soundcard recommended. **MSRP** \$69.95. **PLATFORMS** PC.

### ILIO ENTERTAINMENTS

#### IK Multimedia/ GrooveMaker with Dancity

**DESCRIPTION** Random groove generator for remixing. Uses IG sample libraries. Realtime control of up to 128 loops per session and sample/synth arpeggiator and playlist feature. Exports complete stereo mixes or multitrack files for use in audio sequencers. Imports up to 16 user loops. Comes with 2 CD-ROM Dancity collection. **MSRP** \$69. **PLATFORMS** PC and Mac.

### IMAJA

#### Bliss Paint

**DESCRIPTION** MIDI- and sound-triggered animation program for live video performance and multimedia production. Large library of abstract shape and pattern synthesizers and color synthesizer. PICT file input and QuickTime output is supported. Animation events can be sequenced or triggered in real time. Additional packages of plug-ins include Waves of Bliss, Space Garden Meditations, Geometric Bliss, and Bliss Gallery, including hundreds of sample animations. Version 2 includes video input and additional MIDI controls. **MSRP** Version 1.2, \$79.95; Version 2.0, \$149.95. **PLATFORMS** Mac.

### JL COOPER

#### V-Desk 02R

**DESCRIPTION** Sophisticated mixing software for the Yamaha 02R Digital Mixer. Provides timecode-synchronized dynamic recording and playback of all 02R functions. Graphic editing and EDL-style offline editing with stunning screen graphics and intuitive user interface. **MSRP** \$599.95. **PLATFORMS** Mac.

### MIXMAN TECHNOLOGIES

#### Mixman Studio

**DESCRIPTION** Provides dynamic environment with pop-down menus to organize thousands of royalty-free loops and samples. Uses Mixman

Soundsc. trk file library or user loaded .WAV files. Zero-latency delay, time stretch, and tempo controls and realtime control over tempo, volume, panning, and pitch. Hip-hop, techno, jungle, acid jazz, Latin jazz, reggae, funk, world beat, Indian, ethnic, metal, ambient, and new age styles. Exports recorded music as .WAV files compatible with applications like Microsoft PowerPoint, Microsoft FrontPage, MGI Videowave, Progressive RealAudio, CoolEdit, Cakewalk, and more. **MSRP \$49.95. PLATFORMS PC.**

### Mixman Studio Pro

**DESCRIPTION** Mixman Studio Pro is a realtime remixing and production tool. Synchronization and auto-beat matching. 16 tracks of digital audio. Five FX per track including flanging, delay, wah, reverb, filter sweep, and more. Mixman Editor to edit performance data. Tap tempo control for easy sync with DJ setups. Hundreds of professional CD quality samples. Soundsc. library titles available. **MSRP \$89.95. PLATFORMS PC.**

## PG MUSIC

### Multi MPU401 Driver

**DESCRIPTION** Allows 10 music programs to use the MPU401 at the same time. Inter-program MIDI communication. **MSRP \$19. PLATFORMS PC, Windows 3.x/95.**

### The Bluegrass Band

**DESCRIPTION** MIDI-equipped bluegrass instrumental from top bluegrass musicians Marty Cutler, Bob Applebaum, and others. Banjo, mandolin, guitar and fiddle solos are featured in turn. Onscreen fretboard of each instrument. Can slow parts down or step through chord-by-chord. Notation display with tablature, fretboard, and standard notation (Windows version only). **MSRP \$49. PLATFORMS PC and Mac.**

### The Blues Pianist

**DESCRIPTION** Library of original piano blues tunes performed by top studio musicians. Boogie-woogie, slow/fast boogies, jazz blues, New Orleans, Chicago blues, and many more styles. Onscreen piano keyboard. Slows down piece or steps through chord-by-chord. Over 50 down-home blues piano stylings. **MSRP \$49. PLATFORMS PC and Mac.**

### The Children's Pianist

**DESCRIPTION** Over 70 great piano performances of the world's best-loved children's songs. Words are displayed in large karaoke-style display. Includes words and music for 70 songs, such as London Bridge, Camptown Racetrack, Home on the Range, My Bonnie Lies Over the Ocean. Onscreen piano keyboard shows what notes are being played. Slows down songs or steps through them chord-by-chord. **MSRP \$49. PLATFORMS PC and Mac.**

### The Christmas Pianist

**DESCRIPTION** Contains 50 piano performances of favorite Christmas songs and carols. Large karaoke-style lyrics scroll by as each song plays. Onscreen piano keyboard shows what the pianist is playing. Slows down songs or steps through them chord-by-chord. **MSRP \$49. PLATFORMS PC and Mac.**

### The Gospel Pianist

**DESCRIPTION** Over 50 Gospel-style piano standards by top gospel pianists. Extensive introduction to one- and two-handed chording and left-hand accompaniment. **MSRP \$49. PLATFORMS PC and Mac.**

### The Jazz Soloist

**DESCRIPTION** 50 arrangements of classic jazz soloist performances per volume. Each song features a jazz solo played by top jazz musicians, as well as piano, bass, and drums. **MSRP \$49 per volume. PLATFORMS PC and Mac.**

### The Latin Pianist

**DESCRIPTION** Over 50 tunes played on MIDI keyboard by top Latin pianist Rebeca Mauleón-Santana. Conga, cumbia, merengue, son, mambo, cha-cha, guaracha, samba, saritido alto, and more styles. **MSRP \$49. PLATFORMS PC and Mac.**

### The Modern Jazz Pianist

**DESCRIPTION** Top studio musicians Renee Rosnes, Miles Black, Ron Johnston, and Brad Turner perform over 50 tunes in a wide variety of modern jazz styles. **MSRP \$49. PLATFORMS PC and Mac.**

### The New Age Pianist

**DESCRIPTION** Full range of piano techniques including the ambient music style of George Winston to the new age jazz of Chick Corea and Keith Jarrett. Onscreen piano keyboard shows what the pianist is playing. Plays through MIDI synthesizer, digital piano, or sound module. **MSRP \$49. PLATFORMS PC and Mac.**

### The New Orleans Pianist

**DESCRIPTION** Over 65 New Orleans-style piano music standards played by top New Orleans pianists Henry Butler, Jon Cleary, Tom McDermott, Joel Simpson, and David Torkanowsky. **MSRP \$49. PLATFORMS PC and Mac.**

### The Pianist

**DESCRIPTION** 900 of the world's most popular classical piano masterpieces performed by world-class concert pianists. Works by composers from baroque to the 20th century. **MSRP \$49 per volume; all five volumes, \$149. PLATFORMS PC and Mac.**

## POWERKEYS

### Hard Disk Maintenance Kit

**DESCRIPTION** A complete description of how to keep your hard disk in working condition. How to tune computer systems for optimal performance with audio/video applications. Log for installs and authorizations. **MSRP \$11.95. PLATFORMS Mac.**

### Logic Learning Kit

**DESCRIPTION** Compatible with any Emagic Logic Audio (Platinum, Gold, Silver) application and includes color-coded keyboard overlay with 350 macros. **MSRP \$39.95. PLATFORMS PC and Mac.**

### Studio Organizer Kit

**DESCRIPTION** Set of Excel spreadsheets to organize studio work. Includes ADAT track sheets, vocal comping template, maintenance log, SMPTE ED1/SFX line-up sheet, and MIDI interface worksheet. **MSRP \$9.95. PLATFORMS PC and Mac.**

## SALSA KING ENTERPRISES

### Salsa Styles Disk #1 for Band In A Box

**DESCRIPTION** 10 salsa styles for PG Music's Band In A Box application. **MSRP \$29. PLATFORMS PC.**

## SONIC DESKTOP

### Smartsound for Multimedia

**DESCRIPTION** Allows anyone to create custom music and sound effects soundtracks. Customized soundtracks can be exported into any program that imports sound files. Enhances video, multimedia projects, presentations, internet Websites, and more. **MSRP \$259. PLATFORMS PC and Mac.**

## SOUND QUEST

### SQ MIDI Tools

**DESCRIPTION** 11 MIDI tools to aid, enhance, and improve MIDI music productions. 32- and 16-bit programs for Windows 98/95/3.1/NT 4.0. Creates drum patterns or any other type of pattern-based music. Includes database program for organizing and searching MIDI and WAVE files. MIDI file global editing to set up MIDI file edits that can be simultaneously applied to many MIDI files. Universal Librarian stores sys-ex data from any MIDI instrument and includes specific support for over 300 different units. **MSRP \$89. PLATFORMS PC.**

## STEINBERG

### X<>Pose

**DESCRIPTION** MIDI visual sampler and synthesizer software. PICT or QuickTime movies can be dragged into the X<>Pose synth keyboard and trigger them with any MIDI keyboard. Records and edits performances, then exports them as QuickTime movies. **MSRP \$399. PLATFORMS Mac.**

## SYMBOLIC SOUND

### Kyma Sound Design Environment

**DESCRIPTION** Graphical sound design software with Cypbar multiple-DSP outboard accelerator. Graphical signal flow editor describes processing, synthesis, and/or recording operations and generates results in real-time. Custom sounds and FX for film, advertising, music production, and music performance. **MSRP \$4,400. PLATFORMS PC and Mac.**

## TRACER TECHNOLOGIES

### Diamond Cut Audio Restoration Tools 32

**DESCRIPTION** Noise reduction software with full complement of noise removal products for surface noise, hiss, clicks, pops, and virtually any audio disturbance found in most material. Adds tube warmth and includes a 10-band parabolic equalizer, compressor, limiter, exciter, and more. Includes a 300-page textbook manual which provides information, tips, and step-by-step instructions for all types of restoration. **MSRP \$199. PLATFORMS PC.**

## VOYETRA/TURTLE BEACH

### Audio Station 2

**DESCRIPTION** Runs multimedia PC audio with home stereo-style interface. Unites PC, MIDI, WAV, and CD functions. **MSRP \$49.95. PLATFORMS PC.**

### Digital Sound Gallery Vols. 1 & 2

**DESCRIPTION** Collection of high-quality digital production music and sound effects in .WAV format for use in multimedia presentations. **MSRP \$19.95 each. PLATFORMS PC, Windows 3.1/95.**

### History of Music

**DESCRIPTION** Interactive journey through the evolution of music with timeline of eras in musical history. Includes background music from each era and hypertext links for word definitions. Renaissance, baroque, classical, and romantic eras. Includes MediaCheck diagnostic utility. **MSRP \$19.95. PLATFORMS PC.**

### History of Music Keyboards

**DESCRIPTION** History of keyboard instruments and MIDI technology with colorful photographs, videos, sound, and text. Discusses fundamentals of computer-generated music via sample MIDI and WAV files. Glossary of 100 important terms. **MSRP \$19.95. PLATFORMS PC.**

### Jammin' Keys

**DESCRIPTION** Creates songs in 5-part band accompaniments. Uses intuitive Jam Grid or the onscreen keyboard for user jamming. **MSRP \$19.95. PLATFORMS PC.**

### Multimedia Audio Acces

**DESCRIPTION** Includes 7 programs plus multimedia files, audio calendar, audio scheduler, and alarm. Can add MIDI music to standard Windows screen savers. Records, plays, and edits digital audio files for embedding sound files into documents with easy drag and drop mouse commands. Supports PhotoCD, TIFF, PCX, BMP, GIF, EPS, JPEG and more. **MSRP \$19.95. PLATFORMS PC.**

### Multimedia Music Games

**DESCRIPTION** Three video music games to test knowledge of general musical topics. **MSRP \$19.95. PLATFORMS PC.**

### Music Theory

**DESCRIPTION** Introduction to the fundamentals of music via self-paced courses using interactivity, animation, and audio examples. Lesson titles include Nature of Sound, Melody, Harmony, Tonality, Notation, Rhythm, Harmony, Texture, Form, and Style. **MSRP \$19.95. PLATFORMS PC, Windows 3.1/95.**

### Musical Instruments

**DESCRIPTION** Describes how instruments were invented, how they developed through history, and how they produce sound. Full-screen color images identify the parts of each instrument. Hear instrument names pronounced by the narrator. Videos demonstrate playing technique of more than 50 instruments. **MSRP \$19.95. PLATFORMS PC.**

### Recording Station

**DESCRIPTION** Combines digital audio and MIDI tracks to create musical arrangements that include synthesizers, voices, acoustic instruments and other sounds. Records from any MIDI-compatible keyboard or can load from included MIDI compositions. **MSRP \$19.95. PLATFORMS PC.**

### Video Station

**DESCRIPTION** VCR tape deck-style interface for viewing Video for Windows files in full screen or reduced screen modes. **MSRP \$19.95. PLATFORMS PC.**

## WILDCAT CANYON SOFTWARE

### Internet Music Kit

**DESCRIPTION** The Internet Music Kit puts music on Web pages. Streams MIDI files in three easy steps. Requires no HTML code. Includes software to create original music. **MSRP \$49. PLATFORMS PC.**

## WING AND A PRAYER SOFTWARE

### RhymeWIZARD

**DESCRIPTION** Rhyming dictionary with over 100,000 words and phrases cross-referenced to near rhymes. **MSRP \$29.95. PLATFORMS PC and Mac.**

## ZH COMPUTER

### DART CD-Recorder

**DESCRIPTION** Audio recording software system for recording all forms of audio via Windows-compatible soundcards from CD-ROM, CD-R, or CD-R/W players. Provides graphical playlist interface for writing standard Red Book audio CDs. Automatically converts .WAV files and MIDI files for burning to CD. **MSRP \$49. PLATFORMS PC.**

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READER SERVICE NO. 30



# Amplifiers



We've limited the amplifiers listed in this section to two types:

combo amps designed for use with keyboard or other line-level

electronic instruments and power amps designed for studio and

stage monitoring or P.A. applications. Combo Amps (page 175) are self-contained

amplifier/speaker combinations. Most have multi-channel inputs, and are

designed with some sort of portability in mind.

Power Amps (page 176) cover the spectrum from lightweight single-rackspace

models designed for low-level studio monitoring to 2,000-watt mega-brutes.

COMBO AMPS

POWER AMPS

# Combo Amps

## BARBETTA

### Sona 32C Pro Combo

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$849.

**FEATURES** 5 input channels. 1 mic-level input. Global EQ. 15" woofer and 4 X 10" CD horn tweeters. 200W. 1/4" direct outs. Handles: 1 on top. Lightweight carpet-covered pro audio-grade cabinet.

**DIMENSIONS** 17" W x 14" D x 21" H. 41 lbs.

### Sona 31C Pro Combo

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$849.

**FEATURES** 5 input channels. 1 mic-level input. Global EQ. Two 8" woofers and a 5" tweeter. 175W. 1/4" direct outs. Handles: 1 on top. Lightweight carpet-covered pro-audio grade wood cabinet.

**DIMENSIONS** 14" W x 12" D x 17" H. 34 lbs.

### Sona 41c Pro Combo

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$1,099.

**FEATURES** 5 input channels. 1 mic-level input. Global EQ. Two 10" woofers and 5" tweeter. 200W. 1/4" direct outs. Handles: 1 on top. Lightweight carpet-covered pro audio-grade cabinet.

**DIMENSIONS** 17" W x 14" D x 21" H. 44 lbs.

## FENDER

### SFX Keyboard 200

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$999.99.

**FEATURES** 3 input channels: 2 stereo, 1 mic/line. Onboard effects: 12", 10", and piezo horn. 80W/channel (160 RMS). Features: Subwoofer line out, line inserts, 32 digital effects presets.

**DIMENSIONS** 19.5" W x 13.5" D x 33" H. 82 lbs.

### SFX Satellite

**DESCRIPTION** Amplifier add-on for stereo SFX system.

**MSRP** \$749.99.

**FEATURES** 12". 80W. Features: Digital FX presets, including Reverb, delay, chorus, flange.

**DIMENSIONS** 24.5" W x 15.6" D x 19.6" H. 55 lbs.

## JBL

### EON 15PAK

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$995.

**FEATURES** 3 input channels. 1 mic-level input. Global EQ. 15" differential drive woofer, 2" compression driver. Powered/bi-amped 130W/lo - 50W/hi. 1/4" direct outs. Handles: 1 on side. Thermomaster Total Thermal Management System. Unit includes 3-channel mixer and 4-band equalizer.

**DIMENSIONS** 17.0" W x 17.5" D x 27.5" H. 47 lbs.

## JOHNSON AMPLIFICATION

### JM150

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$1,599.95.

**FEATURES** 2 input channels. EQ global and per channel. Onboard effects: 2x12". Stereo, 150W. 75W per side. XLR direct outs. Handles: 1 on top. The JM150 has external speaker outputs for adding the J212V 2x12 speaker cabinet. J12 footcontroller. Modeling amplifier with real tube preamp. Includes 2 expression pedals. JM150. Casters are optional.

**DIMENSIONS** 28" W x 12" D x 19.5" H. 70 lbs.

## MOTION SOUND

### KBR-3D

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$1,395.

**FEATURES** 2 stereo, 2 rotary input channels. EQ global and per channel. Onboard effects: 2 150W 10" / 2 4x4 dynamic horn, 1 Pro-3T rotary. Handles: 2 on sides. Adjustable stereo expansion inputs, stereo normal inputs. Rotary channel features Pro-3T 12ax7 pre amp and rotary horn. Enhanced stereo low rotor, 2 built-in mic XLR outputs w/mic mixer, stereo line inputs, 3-band EQ.

**DIMENSIONS** 24" W x 12" D x 21" H. 62 lbs.

## PEAVEY

### KB/A 15

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$119.99.

**FEATURES** 2 input channels. EQ per channel. 8" heavy duty full range speaker. 50W. Handles: 1 on top. 2 channels, gain controls, active EQ, bright switch, Low and high frequency EQ, headphone out.

**DIMENSIONS** 14.88" W x 8.5" D x 14.13" H. 15 lbs.

### KB/A 30

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$329.99.

**FEATURES** 4 input channels. 1 mic-level input. EQ per channel. 10" coax speaker. 40W low/10W high. XLR direct outs. Handles: 1 on top. Global effects send/return 1/4" jacks, Monitor input routes the signal to the amp and not the line out. Headphone jack. Level, low, and high controls on the three front channels, level on the monitor input.

### KB/A 60

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$389.99.

**FEATURES** 2 input channels. Global EQ. 12" coax speaker. 50W. Handles: 1 on top. Level control, high gain input, low gain input, push boost switch (channel 1), pre-EQ patch, 4-band EQ, preamp out jack, power amp in jack, master reverb, headphone jack, ground switch.

**DIMENSIONS** 22.038" W x 11.25" D x 22.63" H. 46.5 lbs.

### KB/A 100

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$439.99.

**FEATURES** 3 input channels. 1 mic-level input. Global EQ. 15" speaker w/piezo horn tweeter. 75W. Handles: 1 on top. Channel 1 level control, hi-Z and lo-Z inputs. Channels 2 and 3 level control, high gain input, 12dB switch. Master section send/return pre EQ jack, 4 band EQ, master reverb, ground switch. Back panel channel 2 footswitch mute, reverb footswitch mute, power amp in/preamp out, headphone jack.

**DIMENSIONS** 21" W x 12.125" D x 25.25" H. 57 lbs.

### KB/A 300

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$719.99.

**FEATURES** 3 input channels. 1 mic-level input. EQ per channel. 15" Scorpion w/compression driver for highs. 150W. 1/4" direct outs. Handles: 1 on top. Casters removable. Channel 1 lo-Z XLR and 1/4" hi-Z mic inputs, level control, FX send/return, 4-band graphic EQ, reverb send control. Channel 2 and 3 1/4" hi-Z input, gain control, reverb send, gain switch. Master section master reverb, master level. Rear panel channel 2 mute footswitch, reverb mute footswitch, power amp in/preamp out, line out, record out (RCA).

**DIMENSIONS** 25.125" W x 17.375" D x 26.5" H. 86.6 lbs.

## ROLAND

### KC-100

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$449.

**FEATURES** 3 line in (-20dBm) input channels. 1 mic in (-50dBm) mic-level input. Global EQ. 1 x 12". 60W. 1/4" direct outs. Handles: 1 on top. Speaker mounts for stands. Stereo Link. Phones out jack.

**DIMENSIONS** 18 7/8" W x 10 3/4" D x 16 15/16" H. 29.82 lbs.

### KC-300

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$599.

**FEATURES** 4 line (4 stereo pairs) input channels. 1 mic/line mic-level input. EQ global. 12" woofer and horn driver. 100W. Handles: 1 on top. Speaker mounts for stands. Stereo link using one cable for stereo applications using 2 KC-300s. Headphone out jack.

**DIMENSIONS** 19" W x 13 13/16" D x 18 13/16" H. 38.625 lbs.

### KC-500

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$799.

**FEATURES** 3 line (-20dBm) 4 stereo pairs input channels. 1 mic/line (-50dbm) mic-level input. Global EQ. 15" woofer, 1 horn driver. 150W/8. 1/4" and XLR direct outs. Handles: 1 on top. Casters removable. Stereo link for stereo setup using 2 KC-500 amps. Balanced outs (stereo), TRS Balanced outs (stereo), headphone out.

**DIMENSIONS** 23 1/4" W x 17 11/16" D x 23 5/16" H. 69.5 lbs.

### JC-120 Jazz Chorus Amplifier

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$1,099.00.

**FEATURES** 2 input channels. EQ per channel. Onboard effects: 2x12". 120W RMS (60W x 60W Stereo). 1/4" direct outs. Handles: 1 on top. Casters removable. 2 separate input channels, 3-band EQ per channel, stereo effects loop, stereo chorus, reverb, and distortion. 3 footswitch jacks.

**DIMENSIONS** 29 15/16" W x 11 1/16" D x 24 1/2" H. 61.75 lbs.

### JC-90 Jazz Chorus Amplifier

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$799.00.

**FEATURES** 1 input channel. Global EQ. Onboard effects: 2x10". 80W RMS (40Wx40W Stereo). 1/4" direct outs. Handles: One on top. Casters removable. 4-band EQ, stereo chorus, distortion, and reverb with footswitch jacks for each. Stereo effects loop, stereo direct outs for recording or to external amps.

**DIMENSIONS** 23 9/16" W x 10 1/4" D x 19 15/16" H. 41.94 lbs.

## SAMSON

### SDB

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$759.99.

**FEATURES** 3-band equalization on all channels and a 10-band graphic master EQ. Mic trim/input trim controls on all channels, 2 aux sends per channel, 2 stereo effects returns with front panel level controls. Headphone amp and 1/4" stereo connector.

**DIMENSIONS** 17" W x 1.1" D x 7" H. 34.8 lbs.

## YORKVILLE

### 50K

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$369.

**FEATURES** 2 input channels. EQ global. 1 x 10" woofer. 50W. 1/4" and XLR direct outs. Handles: One handle on top. Casters non-removable. FX loop, RCA jacks. Blue-black Ozite with plastic corners.

**DIMENSIONS** 161/4" W x 12" D x 17" H. 35 lbs.

### 100K

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$579.

**FEATURES** 3 input channels. EQ global. 1x12" woofer. RCF N252 horn tweeter. 100W. 1/4" and XLR direct outs. Handles: One handle on top. Power supply: attached AC cord. Reverb, EFX loop, RCA jacks. Blue-black Ozite with plastic corners.

**DIMENSIONS** 18" W x 14" D x 21" H. 49 lbs.

### 200K

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$699.

**FEATURES** 4 input channels. EQ per channel. 1 x 15" woofer. RCF N252 horn tweeter. 200W. 1/4" and XLR direct outs. Handles: One handle on top. Attached AC cord. EFX loop. RCA jacks. Extension speaker out. Blue-black Ozite with plastic corners.

**DIMENSIONS** 21.2" W x 14.2" D x 21 3/4" H. 65 lbs.

### 300K

**DESCRIPTION** Keyboard combo amp.

**MSRP** \$1,149.

**FEATURES** 5 input channels. 3 stereo, 2 mono XLR, 1 stereo tape/CD mic-level inputs. EQ per channel. Onboard effects: 2 x 10" woofer, RCF N252 horn tweeter. 190W per channel at 4 ohms. 1/4" and XLR direct outs. Handles: Two handles on side. Attached AC cord. Two stereo FX loops. RCA output jacks. Blue-black Ozite with plastic corners.

**DIMENSIONS** 22 1/2" W x 14-1/2" D x 23x3/4" H. 75 lbs.

## ZETA MUSIC

### Forte Violin Amplifier (AV58-NV)

**DESCRIPTION** Combo amp.

**MSRP** \$1,375.

**FEATURES** Designed specifically for the violin. 2 violin in, aux in input channels. 1 mic in mic-level inputs. Global EQ. Onboard effects: 8" woofer and 5" speaker. 100W. XLR direct outs. Handles: 1 on top. Alesis Nanoverb installed in amp, instrument select switch, 3-band and parametric EQ, peak control, violin loop, master loop, limiter and peak LED.

**DIMENSIONS** 14" W x 10" D x 20.5" H. 44 lbs.

## Power Amps

### AGUILAR

#### DB 728

**DESCRIPTION** Tube power amp.

**FEATURES** 1/4" inputs, 1/4" and push-clip speaker outputs. 400 watts mono continuous average power @ 12 ohms. 2 whisper fans. Toroidal power and audio transformers for ultra-wide bandwidth. Uses 8 6550 power tubes.

### ALESIS

#### RA-100

**DESCRIPTION** Studio reference monitor amp.

**FEATURES** 1/4" inputs, 1/4" and push-clip speaker outputs.

### ASHLY AUDIO

#### SRA-120

**DESCRIPTION** Studio reference monitor amp.

**FEATURES** 1/4" and barrier strip inputs, binding post (banana) and barrier strip speaker outputs. Convection cooling. Built-in speaker protectors.

#### CFT-1800

**DESCRIPTION** Studio reference monitor amp.

**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. Convection cooling. Built-in speaker protectors.

#### FTX-1001

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4", XLR, and barrier strip inputs, binding post (banana) speaker outputs. Fan cooling. Built-in speaker protectors.

#### FTX-1501

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4", XLR, and barrier strip inputs, binding post (banana) speaker outputs. Fan cooling. Built-in speaker protectors.

#### FTX-2001

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4", XLR, and barrier strip inputs, binding post (banana) speaker outputs. Fan cooling. Built-in speaker protectors.

#### MFA-6000

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4", XLR, and barrier strip inputs, binding post (banana) and Speakon speaker outputs. 900W stereo continuous average power @ 2 ohms. Fan cooling. Built-in speaker protectors.

#### MFA-8000

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4", XLR, and barrier strip inputs, binding post (banana) and Speakon speaker outputs. 1,500W stereo continuous average power @ 2 ohms. Fan cooling. Built-in speaker protectors.

### ATC

#### SPA150

**DESCRIPTION** Studio reference monitor amp.

**FEATURES** RCA and XLR inputs, binding post (banana) speaker outputs. Heat sink cooling. Built-in speaker protectors.

### AUDIO CENTRON

#### RMA1601

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4" and XLR inputs, binding post (banana) and Neutrik Speakon speaker outputs. 660W stereo continuous average power @ 2 ohms. Dual-speed fan cooling. Limiting/compression. Built-in speaker protectors. Parallel mono switch mono-bridged Speakon in addition to L/R connectors.

#### RMA1650

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4" and XLR inputs, binding post (banana) and Neutrik Speakon speaker outputs. 660W stereo continuous average power @ 2 ohms. Dual-speed fan, limiting/compression, built-in speaker protectors. Parallel mono switch mono-bridged Speakon in addition to L/R connectors. Built-in 24dB per octave 2-way/Linkwitz Riley active crossover. Switches channel A = low, channel B = high (and vice versa). Variable frequency from 40Hz - 2.5kHz. In mono-bridged

## Vital Stats: Power Amps

See listings at left.

MODEL	POWER @ 8 OHMS STEREO/MONO/ MONO BRIDGED	POWER @ 4 OHMS STEREO/MONO/ MONO BRIDGED	DIMENSIONS	MSRP
Aguilar DB 728	-/400/-	/400/-	4U rackmount. 55 lbs.	\$2,495
Alesis RA-100	100/-/-	-/75/-	2U rackmount. 14.25 lbs.	\$349
Ashly Audio SRA-120	45/-/120	60/-/-	1U rackmount. 20 lbs.	\$469
Ashly Audio CFT-1800	200/-/600	300/-/-	2U rackmount. 40 lbs.	\$849
Ashly Audio FTX-1001	120/-/340	170/-/-	2U rackmount. 41 lbs.	\$739.
Ashly Audio FTX-1501	190/-/560	280/-/-	2U rackmount. 46 lbs.	\$839.
Ashly Audio FTX-2001	290/-/950	475/-/-	2U rackmount. 60 lbs.	\$1,049
Ashly Audio MFA-6000	525/-/1,600	800/-/1,800	3U rackmount. 61 lbs.	\$1,799
Ashly Audio MFA-8000	750/-/2,400	1,200/-/3,000	3U rackmount. 68 lbs.	\$2,299
ATC SPA150	200/400/400	400/800/800	4U rackmount. 50 lbs.	\$3,699
Audio Centron RMA1601	260/-/900	450/-/1,320	2U rackmount. 36 lbs.	\$699
Audio Centron RMA1650	260/-/900	450/-/1,320	2U rackmount. 36 lbs.	\$799
Barbetta MM500 MULTI MOS	200/-/500	250/-/-	2U rackmount. 27 lbs.	\$1,395
Crown CE1000	275/-/900	450/-/1,100	3U rackmount. 32.9 lbs.	\$700.
Crown CE2000	400/-/1,320	660/-/1,950	3U rackmount. 32.9 lbs.	\$1,000.
Crown CP660	60/-/150	75/-/-	2U rackmount. 25 lbs.	\$849
Crown CT-210	110/-/300	150/-/-	2U rackmount. 29.7 lbs.	\$950
Crown CT-410	220/-/475	240/-/-	2U rackmount. 31.15 lbs.	\$1,200
Crown CT-810	305/-/975	490/-/-	3U rackmount. 47.4 lbs.	\$1,675
Crown CT-1610	540/-/1,745	870/-/-	4U rackmount. 57.14 lbs.	\$2,175
Crown MA-600	225/-/655	325/-/750	2U rackmount. 39.9 lbs.	\$1,495
Crown MA-1200	310/-/970	480/-/1,300	2U rackmount. 44.1 lbs.	\$1,745
Crown MA-2400	5,202/-/1,585	800/-/2,070	2U rackmount. 51.12 lbs.	\$2,245
Crown MA-3600VZ	1,120/-/3,140	1,565/-/3,505	2U rackmount. 55.4 lbs.	\$3,095
Crown MA-3600VZ	1,120/-/3,140	1,565/-/3,505	2U rackmount. 55.4 lbs.	\$3,095
Crown MA-5000VZ	1,300/-/4,000	2,000/-/5,000	3U rackmount. 77.13 lbs.	\$4,045
Crown Studio Reference I	800/-/2,375	1,190/-/-	4U rackmount. 60.11 lbs.	\$4,345
Crown Studio Reference II	360/-/1,145	565/-/-	4U rackmount. 56.2 lbs.	\$2,995
Crown Micro-Tech 600	225/-/655	325/-/750	2U rackmount. 36.4 lbs.	\$1,049
Crown Micro-Tech 1200	310/-/970	480/-/1,300	2U rackmount. 41.1 lbs.	\$1,349
Crown Micro-Tech 2400	520/-/1,585	800/-/2,070	2U rackmount. 46.14 lbs.	\$1,749
Crown D-45	25/-/70	35/-/-	1U rackmount. 10 lbs.	\$475
Crown D-75A	40/-/110	55/-/-	1U rackmount. 10 lbs.	\$625
Crown K1	350/-/-	550/-/1,500	2U rackmount. 32 lbs.	\$1,495
Crown K2	500/-/1,600	800/-/2,500	2U rackmount. 38 lbs.	\$1,795
Electro-Voice 7100	75/-/200	100/-/-	1U rackmount. 18.2 lbs.	\$545
Electro-Voice 7100	75/-/200	100/-/-	1U rackmount. 18.2 lbs.	\$545
Electro-Voice Q44				\$1,165
Electro-Voice Q66				\$1,332
Electro-Voice 1.0kW	300/950/-		2U rackmount. 21 lbs.	\$1,225
Electro-Voice 1.5kW	450/-/1,550	750/-/-	2U rackmount. 24 lbs.	\$1,459.
Electro-Voice 2.0kW	550/1,850/-	900/-/-	2U rackmount. 24 lbs.	\$1,709

## Power Amps

MODEL	POWER @ 8 OHMS STEREO/MONO/ MONO BRIDGED	POWER @ 4 OHMS STEREO/MONO/ MONO BRIDGED	DIMENSIONS	MSRP
Electro-Voice P1200	350/-/1,000	500/-/1,200	2U rackmount. 37.5 lbs.	\$1,490
Electro-Voice P1250	350/-/1,000	500/-/1,200	2U rackmount. 37.5 lbs.	\$1,665
Electro-Voice P2000	500/-/1,600	800/-/2,000	3U rackmount. 57 lbs.	\$2,275
Electro-Voice P3000	750/-/2,400	1,200/-/3,000	3U rackmount. 62 lbs.	\$2,980
Fender M500	-/200/-		2U rackmount. 25 lbs.	\$679.99
Fender SPL 6000	150/-/600	300/-/-	2U rackmount. 25 lbs.	\$799.99
Fender SPL 9000	250/-/900	450/-/-	3U rackmount. 40 lbs.	\$999.99
Furman Sound SP-20A	20/40/-	20/-/-	8.45" W x 8.25" D x 1.75" H. 9 lbs.	\$289; SM-3B Stereo Power Amplifier balanced, \$323
Furman Sound HA-6A Headphone Amp	20/-/-	20/-/-	1U rackmount. 9 lbs.	\$419; HA-6AB balanced, \$453.
Furman Sound HDS-6 / HR-6 Headphone Distribution System			1U rackmount. 6.8 lbs.	With one HR-6, \$349; additional HR-6's, \$129 each.
Gemini Sound P-600	85/-/-	120/-/-	3U rackmount. 18 lbs.	\$419
Gemini Sound P-800	125/-/-	180/-/-	3U rackmount. 21 lbs.	\$499
Gemini Sound XG-2000	160/-/500	250/-/-	3U rackmount. 22 lbs.	\$549
Gemini Sound XG-3000	200/-/640	320/-/-	3U rackmount. 22 lbs.	\$599
Gemini Sound XP-800	250/-/800	400/-/-	3U rackmount. 42 lbs.	\$899
Gemini Sound XP-1200	400/-/1,200	600/-/-	3U rackmount. 42 lbs.	\$1,199
Hoffman 60	-/60/-	-/60/-	3U rackmount. 40 lbs.	\$699
Hoffman 120W	-/120/-	-/120/-	3U rackmount. 50 lbs.	\$899
Hot House Fifteen Hundred	350/-/1,000	500/-/1,500	3U rackmount. 45 lbs.	\$3,499
Hot House Four Hundred High Resolution Control Room Amp	125/-/400	200/-/-	2U rackmount. 28 lbs.	\$1,399
Hot House M 500 High Current Control Room Amplifier	-/150/-	-/275/-	2U rackmount. 34 lbs.	\$2,099
Hot House One Thousand High Resolution Control Room Amp	350/-/1,000	500/-/-	3U rackmount. 38 lbs.	\$2,999
Hot House S400 High Current Control Room Amplifier	100/400/-	200/600/-	2U rackmount. 34 lbs.	\$2,099.
Hot House Six Hundred High Resolution control Room amp	175/-/550	275/-/650	19" W x 12" D x 5.25" H. 35 lbs.	\$2,499
Hot House Two Thousand High resolution Control Room Amp	390/-/1,200	600/-/1,900	5U rackmount. 95 lbs.	\$4,999
Hot House Products M 500 HV	-/375/-	-/600/-	2U rackmount. 36 lbs.	\$2,499
JBL MPX 300	200/-/600	300/-/900	3U rackmount. 41 lbs.	\$988
JBL MPX 1200	800/-/2,400	1,200/-/3,200	3U rackmount. 65 lbs.	\$2,418
JBL MPX 600	400/-/1,200	600/-/1,700	3U rackmount. 47 lbs.	\$1,428
Lexicon Signature 284 All Tube Class A	6/3/-		2U rackmount. 24 lbs.	\$1,099

mode internal amp can be low while passing out high-end of crossover through XLR jack to other power amps in the rack. 12dB/octave variable low cut filters on each channel. (defeatable). XLR male through connectors on both channels.

**BARBETTA****MM500 MULTI MOS**

**DESCRIPTION** Studio reference monitor amp.

**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. Convection with switched fan cooling. Limiting/compression. MOS-FET power transistors, Multi-Mode Feedback.

**CROWN****CE1000**

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4", XLR, and barner block inputs, Neutrk Speakon speaker outputs. 560W stereo continuous average power @ 2 ohms. Proportional-speed fan cooling. Limiting/compression, built-in speaker protectors.

**CE2000**

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4", XLR, and barner block inputs, Neutrk Speakon speaker outputs. 975W stereo continuous average power @ 2 ohms. Proportional-speed fan cooling, limiting/compression, built-in speaker protectors.

**CP660**

**DESCRIPTION** General purpose power amp.

**FEATURES** Barner block inputs, binding post (banana) speaker outputs. Proportional-speed fan-on-demand cooling, built-in speaker protectors. All channels driven: 6 channels bridged, 3 loads.

**CT-210**

**DESCRIPTION** Public address installation power amp.

**FEATURES** Barner block inputs, binding post (banana) and barner block speaker outputs. Proportional-speed fan-on-demand cooling, built-in speaker protectors.

**CT-410**

**DESCRIPTION** Public address installation power amp.

**FEATURES** Barrier block inputs, barrier block speaker outputs. Proportional-speed fan-on-demand cooling, built-in speaker protectors.

**CT-810**

**DESCRIPTION** Public address installation power amp.

**FEATURES** Barrier block inputs, barrier block speaker outputs. Proportional-speed fan-on-demand cooling, built-in speaker protectors.

**CT-1610**

**DESCRIPTION** Public address installation power amp.

**FEATURES** Barrier block inputs, barrier block speaker outputs. Proportional-speed fan-on-demand cooling, built-in speaker protectors.

**MA-600**

**DESCRIPTION** Touring-class power amp.

**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 400Ws stereo continuous average power @ 2 ohms. Forced-air cooling, built-in speaker protectors.

**MA-1200**

**DESCRIPTION** Touring-class power amp.

**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 675W stereo continuous average power @ 2 ohms. Forced-air cooling, built-in speaker protectors.

**MA-2400**

**DESCRIPTION** Touring-class power amp.

**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 1,050W stereo continuous average power @ 2 ohms. Forced-air cooling, built-in speaker protectors.

**MA-3600VZ**

**DESCRIPTION** Touring-class power amp.

**FEATURES** 1/4" and XLR inputs and speaker outputs. 1,800W stereo continuous average power @ 2 ohms. Forced-air cooling, built-in speaker protectors.

**MA-5000VZ**

**DESCRIPTION** Touring-class power amp.

**FEATURES** 1/4" and XLR inputs and speaker outputs. 2,500W stereo continuous average power @ 2 ohms. Forced-air proportional speed cooling, limiting/compression, built-in speaker protectors.

## Power Amps

**Studio Reference I**

DESCRIPTION Studio reference monitor amp.

FEATURES 1/4" and XLR inputs, binding post (banana) speaker outputs. Proportional-speed fan on-demand cooling, built-in speaker protectors.

**Studio Reference II**

DESCRIPTION Studio reference monitor amp.

FEATURES 1/4" and XLR inputs and speaker outputs. Proportional-speed fan on-demand cooling, built-in speaker protectors.

**Micro-Tech 600**

DESCRIPTION Touring class power amp.

FEATURES 1/4" inputs, binding post (banana) speaker outputs. 400 watts continuous average power @ 2 ohms. Forced-air cooling.

**Micro-Tech 1200**

DESCRIPTION Touring class power amp.

FEATURES 1/4" inputs, binding post (banana) speaker outputs. 675W stereo continuous average power @ 2 ohms. Forced-air cooling.

**Micro-Tech 2400**

DESCRIPTION Touring class power amp.

FEATURES 1/4" inputs, binding post (banana) speaker outputs. 1,000W stereo continuous average power @ 2 ohms. Forced-air cooling.

**D-45**

DESCRIPTION General purpose power amp.

FEATURES 1/4" and XLR inputs, barrier block speaker outputs. Convection cooling.

**D-75A**

DESCRIPTION General purpose power amp.

FEATURES 1/4" and XLR inputs, barrier block speaker outputs. Convection cooling.

**K1**

DESCRIPTION General purpose power amp.

FEATURES 1/4", XLR, and TRS inputs, binding post (banana) speaker outputs. 750W continuous average power @ 2 ohms. Convection cooling, limiting/compression.

**K2**

DESCRIPTION General purpose power amp.

FEATURES 1/4" and XLR inputs, binding post (banana) speaker outputs. 1,250W stereo continuous average power @ 2 ohms. Convection cooling, limiting/compression.

**ELECTRO-VOICE****7100**

DESCRIPTION Studio reference monitor amp.

FEATURES XLR inputs, binding post (banana) speaker outputs. Convection cooling.

**Q44**

DESCRIPTION Public address installation power amp.

**Q66**

DESCRIPTION Public address installation power amp.

**1.0kW**

DESCRIPTION Public address installation power amp.

FEATURES XLR inputs, binding post speaker outputs. Stereo and bridged mono operation modes. Heat sink and fan cooling system, output LEDs.

**1.5kW**

DESCRIPTION Public address installation power amp.

FEATURES XLR inputs, binding post speaker outputs. Stereo and bridged mono operation modes. Heat sink and fan cooling, output LEDs.

**2.0kW**

DESCRIPTION Public address installation power amp.

FEATURES XLR inputs, binding post speaker outputs. Heat sink and fan cooling. Output LEDs.

**P1200**

DESCRIPTION Studio reference monitor amp.

FEATURES XLR inputs, Speakon speaker outputs. 600W stereo continuous average power @ 2 ohms. Heat sink and fan cooling system. Also a public address installation and general purpose power amp.

**P1250**

DESCRIPTION Public address installation/general purpose power amp.

MODEL	POWER @ 8 OHMS STEREO/MONO/ MONO BRIDGED	POWER @ 4 OHMS STEREO/MONO/ MONO BRIDGED	DIMENSIONS	MSRP
<b>Mackie Designs M1400</b>	250/850/630	425/1,260/-	2U rackmount. 36 lbs.	\$799
<b>Manley Tube Amplifiers</b>				\$2,250 - \$14,000
<b>Miles Technology MPR-450</b>	60/90/150	75/-/-	2U rackmount. 25 lbs.	\$999
<b>QSC PLX 1202</b>	200/-/750	325/-/1,200	2U rackmount. 21 lbs.	\$798
<b>QSC PLX 1602</b>	300/-/1,200	500/-/1,600	2U rackmount. 21 lbs.	\$1,198
<b>QSC PLX 2402</b>	425/-/1,650	700/-/2,400	2U rackmount. 21 lbs.	\$1,498
<b>QSC PLX 3002</b>	550/-/2,100	900/-/3,000	2U rackmount. 21 lbs.	\$1,798
<b>QSC USA 400</b>	125/-/250	200/-/400	3U rackmount. 24 lbs.	\$798
<b>QSC USA 900</b>	270/-/540	450/-/900	3U rackmount. 34 lbs.	\$805
<b>QSC USA 1310</b>	400/-/800	650/-/1,310	4U rackmount. 54 lbs.	\$1,165
<b>QSC MX 700</b>	150/-/540	225/-/700	2U rackmount. 25 lbs.	\$675
<b>QSC MX 1000a</b>	250/-/800	350/-/1,000	2U rackmount. 42 lbs.	\$1,135
<b>QSC MX 1500a</b>	350/-/1,200	500/-/1,500	2U rackmount. 42 lbs.	\$1,195
<b>QSC MX 2000a</b>	450/-/1,450	650/-/2,000	3U rackmount. 54 lbs.	\$1,595
<b>QSC MX 3000a</b>	800/-/2,500	1,200/-/3,200	3U rackmount. 69 lbs.	\$2,355
<b>QSC PowerLight 1.0</b>	200/-/700	325/-/1,000	2U rackmount. 18 lbs.	\$1,488
<b>QSC PowerLight 1.4</b>	300/-/1,100	500/-/1,400	2U rackmount. 18 lbs.	\$1,698
<b>QSC PowerLight 1.8</b>	400/-/1,400	650/-/1,800	2U rackmount. 18 lbs.	\$2,025
<b>QSC PowerLight 2.0HV</b>	650/-/2,000	1,000/-/-	2U rackmount. 18 lbs.	\$2,198.
<b>QSC PowerLight 2.4MB</b>	1,000/-/-	1,550/-/-	2U rackmount. 18 lbs.	\$2,068
<b>QSC PowerLight 3.4</b>	725/-/2,450	1,150/-/3,400	3U rackmount. 30 lbs.	\$2,998
<b>QSC PowerLight 4</b>	725/-/2,450	1,150/-/3,400	3U rackmount. 30 lbs.	\$2,998
<b>QSC PowerLight 4.0</b>	900/-/3,200	1,400/-/4,000	3U rackmount. 30 lbs.	\$3,398
<b>Rocktron Velocity Valve</b>	97/121/-	97/121/-	2U rackmount.	\$1,799
<b>Rocktron Velocity 250</b>	90/-/250	125/-/-	2U rackmount. 30 lbs.	\$899
<b>Rocktron Velocity 120</b>	50/-/120	60/-/-	1U rackmount.	\$599
<b>Rocktron Velocity 100</b>	40/-/-	55/-/-	1U rackmount. 13 lbs.	\$419
<b>Roland SRA-260</b>	130/-/420	210/-/-	2U rackmount.	\$795
<b>Roland SRA-540</b>	270/-/850	425/-/-	2U rackmount. 33 lbs. 2 oz.	\$995
<b>Roland SRA-800</b>	400/-/1300	650/-/-	3U rackmount.	\$1,295
<b>Rolls RA235 35 Watt</b>	35/-/-		1U rackmount. 5.5 lbs.	\$200
<b>Rolls RA280 80 Watt</b>	50/-/150	80/-/-	2U rackmount. 12 lbs.	\$250
<b>Rolls RA2110 100 Watt</b>	70/-/200	100/-/-	2U rackmount. 12 lbs.	\$338
<b>Rolls RA2100b</b>	85/-/200	100/-/-	2U rackmount. 12 lbs.	\$300
<b>Samson Servo 550</b>	225/550/	275/-/-	3U rackmount. 32.4 lbs.	\$469.99
<b>Samson Servo 260</b>	90/-/-	130 /-/-	2U rackmount. 17.6 lbs.	\$349.99
<b>Samson Servo 170</b>	60/-/-	85/-/-	1U rackmount. 13.7 lbs.	\$269.99
<b>Samson Servo 120</b>	50/-/120	60/-/-	1U rackmount.	\$199.99
<b>Samson Servo 4120</b>	-/-/240	120/-/-	2U rackmount. 29.5 lbs.	\$599.99
<b>Samson Servo 4060</b>	120/-/-	60/-/-	2U rackmount. 25 lbs.	\$449.99
<b>Samson QS</b>			1U rackmount. 2 lbs.	\$139.99
<b>Samson DS 70 Volt Speaker Distribution System</b>			2U rackmount. 35 lbs.	\$399.99
<b>SHS Audio DH-300</b>	100/100/-	150/150/-	2U rackmount. 17 lbs.	\$399

MODEL	POWER @ 8 OHMS STEREO/MONO/ MONO BRIDGED	POWER @ 4 OHMS STEREO/MONO/ MONO BRIDGED	DIMENSIONS	MSRP
SHS Audio DH-480	150/150/410	240/240/-	3U rackmount. 25 lbs.	\$695
SHS Audio DH-1600	450/450/1,210	800/800/-	4U rackmount. 54 lbs.	\$999
Studio Technologies 80			1U rackmount. 7 lbs.	\$549
Studio Technologies 85			1U rackmount. 7 lbs.	\$549
Studiomaster 700D	210/-/700	350/-/N/A	2U rackmount. 38 lbs.	\$749.95
Studiomaster 1200D	375/-/1,200	600/-/-	2U rackmount. 45 lbs.	\$995

**FEATURES** XLR inputs, Speakon speaker outputs. 600W stereo continuous average power @ 2 ohms. Heat sink and fan cooling, built-in speaker protectors and LP processor.

**P2000**

**DESCRIPTION** Public address installation/general purpose power amp.  
**FEATURES** XLR inputs, Speakon speaker outputs. 1,000W stereo continuous average power. Heat sink and fan cooling, built-in speaker protectors and LF processor.

**P3000**

**DESCRIPTION** Public address installation/general purpose power amp.  
**FEATURES** XLR inputs, Speakon speaker outputs. 1,500W stereo continuous average power. Heat sink and fan cooling, built-in speaker protectors and LF processor.

**FENDER**

**M500**

**DESCRIPTION** Instrument monitor power amp.  
**FEATURES** 1/4" inputs, 1/4" and binding post (banana) speaker outputs. 500W mono continuous average power @ 2 ohms. 2-speed fan cooling, built-in speaker protectors. Sweepable high and low shelving, sweepable notch for feedback.

**SPL 6000**

**DESCRIPTION** Public address installation power amp.  
**FEATURES** 1/4" and XLR inputs, push-clip and binding post (banana) speaker outputs. 300W mono continuous average power @ 4 ohms. 2-speed fan cooling, limiting/compression, built-in speaker protectors.

**SPL 9000**

**DESCRIPTION** Public address installation power amp.  
**FEATURES** 1/4" and XLR inputs, push-clip and binding post (banana) speaker outputs. 450W mono continuous average power @ 4 ohms. 2-speed fan cooling, limiting/compression, built-in speaker protectors.

**FURMAN SOUND**

**SP-20A**

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" inputs, 2 pair binding post (banana) speaker outputs. Toroidal transformer. Powers 2 sets of speakers. Headphone jack on front panel, can be used as headphone driver with Furman HR-2 Headphone Remote Stations. Optional remotely-located headphone volume controls.

**HA-6A Headphone Amp**

**DESCRIPTION** Headphone and studio monitor amp.  
**FEATURES** 1/4" inputs, 1/4" speaker and 6 1/4" headphone outputs. 20W per channel. Toroidal transformer, each headphone output with individual volume control. Switches for two pairs of speakers. Automatically switches to mono when right channel is not used. Optional HR-2 Headphone Remote box clips to a mic stand and has 1/4" and XLR in/out.

**HDS-6 / HR-6 Headphone Distribution System**

**DESCRIPTION** Headphone distribution system.  
**FEATURES** 1/4" inputs (4 mono, 2 L/R), 2 RJ-45 output jacks. Up to 8 users with headphones. Accommodates 4 mixer channels/buses and L/R stereo input. HR-6 Personal Headphone Mixer clips on mic stand and has level controls for the 4 mixer/bus channels and stereo channel, plus a submixes included/excluded button.

**GEMINI SOUND**

**P-600**

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and RCA inputs, binding post (banana) speaker outputs. Fan-cooled. Built-in speaker protectors. Level controls. A/B speaker

push buttons.

**P-800**

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and RCA inputs, binding post (banana) speaker outputs. Fan cooled. Level controls A/B speaker push buttons.

**XP-800**

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) and Speakon speaker outputs. Fan cooled. Built-in speaker protectors. Short circuit, DC, and overheat level control protection.

**XP-1200**

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" input, binding post (banana) and Speakon speaker outputs. Fan cooled. Built-in speaker protectors. Short circuit, DC, over-heat level control protection.

**XG-2000**

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and RCA inputs, binding post (banana) speaker outputs. Fan-cooled. Built-in speaker protectors. Level controls. A/B speaker push buttons.

**XG-3000**

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and RCA inputs, binding post (banana) speaker outputs. Built-in speaker protectors. Level controls. A/B speaker push buttons.

**HOFFMAN**

**60**

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" inputs, 1/4" speaker outputs. Standard detached AC cord. Power switch. Individual channel output level dials. Also available in wood cabinet.

**120W**

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" inputs, 1/4" speaker outputs. Standard detached AC cord. Power switch. Individual channel output level dials. Also available in wood cabinet.

**HOT HOUSE**

**Fifteen Hundred**

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** XLR inputs, binding post (banana) speaker outputs. 750W stereo continuous average power @ 2 ohms. Vari-speed fan cooling. Standard detached AC cord.

**Four Hundred High Resolution Amp**

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. Heat sink.

**M 500 High Current Control Room Amplifier**

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 450W mono continuous average power @ 2 ohms. Heat sink cooling.

**One Thousand High Resolution Control Room Amplifier**

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 700W parallel continuous average power @ 4 ohms. Heat sink cooling.

**S400 High Current Control Room Amplifier**

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. Heat sink cooling.

**Six Hundred High Resolution Control Room Amplifier**

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 325W stereo continuous average power @ 2 ohms. Heat sink cooling. Parallel mono operating mode.

**Two Thousand High Resolution Control Room Amp**

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 950W stereo continuous average power @ 2 ohms and 1,900W mono continuous average power @ 1 ohm. Silent vari-speed studio fan cooling.

**M 500 HV**

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. Heat sink cooling.

**JBL**

**MPX 300**

**DESCRIPTION** General purpose power amp.  
**FEATURES** XLR, 1/4", and TRS combo inputs, binding post (banana) speaker outputs. 450W stereo continuous average power @ 2 ohms. Fan rear to front airflow cooling. Built-in speaker protectors.

**MPX 600**

**DESCRIPTION** General purpose power amp.  
**FEATURES** XLR, 1/4", and TRS combo inputs, push-clip speaker outputs. 850W stereo continuous average power @ 2 ohms. Fan rear to front airflow cooling. Built-in speaker protectors.

**MPX 1200**

**DESCRIPTION** General purpose power amp.  
**FEATURES** XLR, 1/4", and TRS combo inputs, push-clip speaker outputs. 1,600W stereo continuous average power @ 2 ohms. Fan rear to front airflow cooling. Built-in speaker protectors.

**LEXICON**

**Signature 284 All Tube Class A**

**DESCRIPTION** Stereo recording guitar amplifier.  
**FEATURES** 1/4" and rear 1/4" inputs, 1/4" and slave/balanced direct speaker outputs. Fan cooled. High gain preamp combined with low wattage stereo class A power amplifier. Preamp has 3 12AX7s with switchable high gain stage. Stereo power amp uses 2 EL84s. "A" tube-driven stereo effects loop slave outs and direct outs with built-in speaker simulation for silent recording.

**MACKIE**

**M1400**

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" and XLR inputs, push-clip, binding post (banana), Speakon, and thru speaker outputs. Heat sink and fan cooled.

**MANEY LABORATORIES**

**Manley Tube Amplifiers**

**DESCRIPTION** Tube power amps.  
**FEATURES** RCA and XLR inputs, binding post (banana) speaker outputs.

**MILES TECHNOLOGY**

**MPR-450**

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4", RCA, and XLR inputs, binding post (banana) speaker outputs. Variable-speed fan cooling. Built-in speaker protectors. 6 independent channels, 450W total continuous output. Bridgeable in 3 pairs. Optional input panels with various connectors and crossovers.

**QSC**



**PLX 1202**

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4" and XLR inputs, binding post (banana) and Speakon speaker outputs. 600W stereo continuous average power @ 2 ohms. Fan cooling, limiting/compression, built-in speaker protectors. PowerWave high-frequency power supply. Hum-free performance with signal-to-noise ratio of -106dB 20Hz-20kHz. Selectable clip limiters and subsonic filters.

**PLX 1602**

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4" and XLR inputs, binding post (banana) and Speakon speaker outputs. 800W stereo continuous average power @ 2 ohms. Variable-speed fan cooling, limiting/compression, built-in speaker protectors. PowerWave high-frequency power supply. Hum-free performance with signal-to-noise ratio -106dB 20Hz-20kHz. Selectable clip limiters and subsonic filters.

**PLX 2402**

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4" and XLR inputs, binding post (banana) and Speakon speaker outputs. 1200W stereo continuous average power @ 2 ohms. Variable-speed fan cooling, limiting/compression, built-in speaker protectors. PowerWave high-frequency power supply. Hum-free performance with signal-to-noise ratio -106dB 20Hz-20kHz. Selectable clip limiters and subsonic filters.

**PLX 3002**

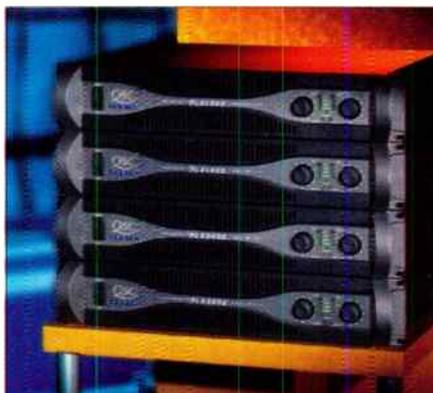
**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4" and XLR inputs, binding post (banana) and Speakon speaker outputs. 1,500W stereo continuous average power @ 2 ohms. Variable-speed fan cooling, limiting/compression, built-in speaker protectors. PowerWave high-frequency power supply. Hum-free performance with signal-to-noise ratio -106dB 20Hz-20kHz. Selectable clip limiters and subsonic filters.

**USA 400**

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs.



**QSC PLX Series**

Reader Service NO. 241

250W stereo continuous average power @ 2 ohms. Convection cooling, limiting/compression, built-in speaker protectors.

**USA 900**

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 550W stereo continuous average power @ 2 ohms. 2-speed fan cooling, limiting/compression, built-in speaker protectors. Built-in clip limiting. Selectable subsonic filter. Balanced inputs.

**USA 1310**

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 1,000W stereo continuous average power @ 2 ohms. 2-speed fan cooling, limiting/compression, built-in speaker protectors. Built-in clip limiting. Selectable subsonic filter. Balanced inputs. 3-year warranty.

**MX 700**

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4" inputs, binding post (banana) speaker outputs. 350W stereo continuous average power @ 2 ohms. 2-speed fan cooling, built-in speaker protectors. Only 12" deep. Balanced inputs.

**MX 1000a**

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4" inputs, binding post (banana) speaker outputs. 500W continuous average power @ 2 ohms. 2-speed fan cooling, built-in speaker protectors. High-efficiency Class H output. Short-circuit, thermal overload, and speaker protection. Accessory input slot.

**MX 1500a**

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4" inputs, binding post (banana) speaker outputs. 750W stereo continuous average power @ 2 ohms. 2-speed fan, built-in speaker protectors. High-efficiency Class H output. Short-circuit, thermal overload, and speaker protection. Accessory input slot.

**MX 2000a**

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4" inputs, binding post (banana) speaker outputs. 1,000W stereo continuous average power @ 2 ohms. 2-speed fan, built-in speaker protectors. High-efficiency 3-step Class H output, short-circuit, thermal overload, and speaker protection. Accessory input slot.

**MX 3000a**

**DESCRIPTION** General purpose power amp.

**FEATURES** 1/4" inputs, binding post (banana) speaker outputs. 1,600W stereo continuous average power @ 2 ohms. Variable-speed fan cooling, limiting/compression, built-in speaker protectors. High-efficiency 3-step Class H output, short-circuit, thermal overload, and speaker protection. Accessory input slot.

**PowerLight 1.0**

**DESCRIPTION** General purpose power amp.

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**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 500W stereo continuous average power @ 2 ohms. Variable-speed fan cooling, limiting/compression, built-in speaker protectors. PowerWave high-frequency power supply. Hum-free performance, selectable clip limiters and subsonic filters. Remote AC control.

#### PowerLight 1.4

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 700W stereo continuous average power @ 2 ohms. Variable-speed fan, limiting/compression, built-in speaker protectors. PowerWave high-frequency power supply. Hum-free performance, selectable clip limiters and subsonic filters. Remote AC control.

#### PowerLight 1.8

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 900W stereo continuous average power @ 2 ohms. Variable-speed fan cooling, limiting/compression, built-in speaker protectors. PowerWave high-frequency power supply, high-efficiency Class H output, hum-free performance. Selectable clip limiters and subsonic filters.

#### PowerLight 2.0HV

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. Variable-speed fan cooling, limiting/compression, built-in speaker protectors. PowerWave high-frequency power supply, high-efficiency Class H output, hum-free performance. Selectable clip limiters and subsonic filters.

#### PowerLight 2.4MB

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 2,400W stereo continuous average power @ 2 ohms. Variable-speed fan cooling, limiting/compression, built-in speaker protectors. PowerWave high-frequency power supply, high-efficiency Class H output, hum-free performance. Selectable clip limiters and subsonic filters.

#### PowerLight 3.4

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 1,700W stereo continuous average power @ 2 ohms. Variable-speed fan cooling, limiting/compression, built-in speaker protectors. PowerWave high-frequency power supply, high-efficiency Class H output, hum-free performance. Selectable clip limiters and subsonic filters.

#### PowerLight 4

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 1,700W stereo continuous average power @ 2 ohms. Variable-speed fan cooling, limiting/compression, built-in speaker protectors. PowerWave high-frequency power supply, high-efficiency Class H output, hum-free performance. Selectable clip limiters and subsonic filters.

#### PowerLight 4.0

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 2,000W stereo continuous average power @ 2 ohms. Variable-speed fan cooling, limiting/compression, built-in speaker protectors. PowerWave high-frequency power supply, high-efficiency Class H output, hum-free performance. Selectable clip limiters and subsonic filters.

### ROCKTRON

#### Velocity Valve

**DESCRIPTION** Tube power amp.  
**FEATURES** 1/4" inputs and speaker outputs. 121W mono/97W stereo continuous average power @ 16 ohms. Fan cooling. 3 12AX7 pre-amp tubes, 4 5881WXT power tubes for each channel, heavy-duty rack handles, separate standby switches per channel, one volume level control per channel, 4, 8, and 16 ohm impedance selectors for each channel, and 2 outputs per channel.

#### Velocity 250

**DESCRIPTION** Instrument power amp.  
**FEATURES** 1/4" inputs and speaker outputs. 170W bridged mono/50W stereo continuous average power @ 16 ohms. Heat sink cooling.

#### Velocity 120

**DESCRIPTION** Instrument power amp.  
**FEATURES** 1/4" inputs and speaker outputs. 95W bridged mono/30W stereo continuous average power @ 16 ohms. Heat sink cooling. Definition control to add cut to sound.

#### Velocity 100

**DESCRIPTION** Instrument power amp.  
**FEATURES** 1/4" inputs and speaker outputs. 28W stereo continuous average power @ 16 ohms. Heat sink cooling. Simple operation.

### ROLAND

#### SRA-260

**DESCRIPTION** General purpose power amp.  
**FEATURES** Barbershop inputs, 1/4" speaker outputs. Fan cooling, built-in speaker protectors.

#### SRA-540

**DESCRIPTION** General purpose power amp.  
**FEATURES** Barbershop inputs, 1/4" outputs. Fan cooling, built-in speaker protectors.

#### SRA-800

**DESCRIPTION** General purpose power amp.  
**FEATURES** XLR and barbershop inputs, 1/4" speaker outputs. Fan cooling, built-in speaker protectors.

### ROLLS

#### RA235 3S Watt

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" and RCA inputs, push-clip speaker outputs. Convection cooling, built-in speaker protectors.

#### RA280 80 Watt

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" and RCA inputs, 1/4" and binding post (banana) speaker outputs. Convection cooling, built-in speaker protectors.

#### RA2110 100 Watt

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" and RCA inputs, 1/4" and binding post (banana) speaker outputs. Convection cooling, built-in speaker protectors.

#### RA2100b

**DESCRIPTION** Public address installation power amp.  
**FEATURES** 1/4" and XLR inputs, 1/4" and binding post (banana) speaker outputs. Convection cooling, built-in speaker protectors. Operates 25 volt speakers per channel, or 70 volt speakers bridged.

### SAMSON

#### Servo 120

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and RCA inputs, push-spring terminal speaker outputs. Convection cooling, built-in speaker protectors. 60W stereo continuous average power @ 4 ohms.

#### Servo 170

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" inputs, 1/4" and push-spring terminal speaker outputs. Convection cooling, built-in speaker protectors. 85W stereo continuous average power @ 4 ohms.

#### Servo 260

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and RCA inputs, 1/4" and push-spring terminal speaker outputs. Convection cooling, built-in speaker protectors. 130W stereo continuous average power @ 4 ohms.

#### Servo 550

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" inputs, 1/4" and binding post (banana) speaker outputs. Convection cooling, built-in speaker protectors. 275W stereo/550W bridged mono continuous average power @ 4 ohms.

#### Servo 4120

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and RCA inputs, binding post (banana) speaker outputs. Convection cooling, built-in speaker protectors. 120W stereo continuous average power @ 4 ohms.

#### Servo 4060

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and RCA inputs, binding post (banana) speaker outputs. Convection cooling, built-in speaker protectors. 60W stereo contin-

uous average power @ 4 ohms.

#### Q5

**DESCRIPTION** Studio reference monitor amp.  
**FEATURES** 1/4" inputs and speaker outputs. Headphone amplifier is easily installed single-space half-rack-mount package for monitoring any stereo or mono source signal over as many as 5 headphones.

#### DS 70 Volt Speaker Distribution System

**DESCRIPTION** Ceiling speaker distribution system.  
**FEATURES** Binding post inputs. Converts standard 4 ohm input to 70 volt or 25 volt speaker distribution system. 4 audio toroidal transformers. 120W maximum power each output, no AC power required. Rack ears included.

### SHS AUDIO

#### DH-300

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and RCA inputs, 1/4" speaker outputs. Heat sync cooling, built-in speaker protectors.

#### DH-480

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and RCA inputs, 1/4" and binding post (banana) speaker outputs. 4" fan cooling. Built-in speaker protectors.

#### DH-1600

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) speaker outputs. 4" fan cooling, built-in speaker protectors.

### STUDIO TECHNOLOGIES

#### 80

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" inputs and 8 independent 1/4" speaker outputs. Exact-Cal section allows input-level calibration. Selectable -10dBV or +4dBu nominal output levels.

#### 85

**DESCRIPTION** General purpose power amp.  
**FEATURES** XLR and 2 AES/EBU inputs, 8 AES/EBU outputs. Transformer-coupled inputs and outputs. Used in variety of recording, production, broadcast, and duplication applications.

### STUDIOMASTER

#### 700D

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) and NL4 Speakon speaker outputs. 350W stereo continuous average power @ 4 ohms, 700W bridged mono @ 4 ohms. Variable fan with thermal load sensing cooling. Limiting/compression, built-in speaker protectors.

#### 1200D

**DESCRIPTION** General purpose power amp.  
**FEATURES** 1/4" and XLR inputs, binding post (banana) and NL4 Speakon speaker outputs. 750W stereo continuous average power @ 2 ohms. Variable fan with thermal load sensing cooling. Limiting/compression. Built-in speaker protectors.

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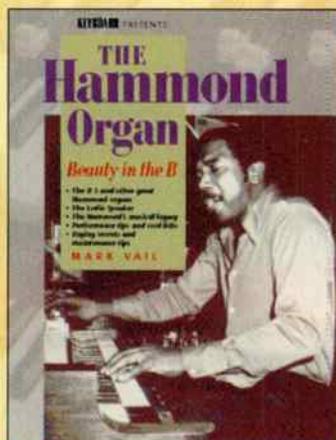
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Music Technology Buyer's Guide

183

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World Radio History

# Accessories

**S**

ome of the accessories in this section are so substantial that they can hardly be called afterthoughts. Take Studio Furniture (page 186) for example. This section includes rackmount stands and cabinets, desks for mixing consoles, speaker stands, keyboard stands – in short, everything you need to set up all of your studio gear properly.

Controlling the tone and reverberation of your studio is a critical undertaking. The acoustic treatment materials listed on page 188 can help you manage sound levels.

Power distributors (page 189) are highly useful in the studio or in your stage rack. Besides the convenience of being able to control the power of all your gear from a single source, power distributors usually offer various forms of surge protection, which can sometimes mean the difference between a functioning synth and a fried motherboard.

The Foot Pedals and Footswitches section (page 192) contains pretty much what you'd expect: volume pedals, expression pedals, momentary footswitches, and other useful items. And finally, we have the Cables category (page 192).

## STUDIO FURNITURE

ACOUSTIC  
TREATMENT  
MATERIALS

POWER  
DISTRIBUTORS,  
LIGHT MODULES, &  
POWER  
CONDITIONERS

FOOT PEDALS &  
FOOTSWITCHES

## Studio Furniture

### ARGOSY CONSOLE

#### 90 Series Console Housing

**DESCRIPTION** Desk and rack system.

**MSRP** \$1,629 and up.

**FEATURES** Integrates any combination of 19" rack gear, producer desks, and computer equipment. Expandable chassis for increasing console size according to changing equipment needs. 89.5"-178" W x 45" D x 39" H.

#### 90 Series Console Housing for Digidesign ProControl

**DESCRIPTION** Desk and rack system.

**MSRP** \$1,599.95 and up.

**FEATURES** Integrates any combination of 19" rack gear and producer desk space with tactile surface of the ProControl. Expandable chassis to increase console size according to changing equipment needs. 89.5"-149" W x 45" D x 39" H.

#### 90 Series Console Housing for Mackie 8-Bus

**DESCRIPTION** Desk and rack system.

**MSRP** \$1,629 and up.

**FEATURES** Integrates any combination of 19" rack gear, producer desks, and computer equipment with tactile surface of the Mackie 8-Bus. Expandable chassis for increasing console size according to changing equipment needs. 89.5"-178" W x 45" D x 39" H.

#### 90 Series Console Housing for Mackie Digital 8-Bus

**DESCRIPTION** Desk and rack system.

**MSRP** \$1,499.95 and up.

**FEATURES** Integrates any combination of 19" rack gear and producer desk space with tactile surface of Mackie Digital 8-Bus. Expandable chassis to increase console size according to changing equipment needs. 89.5"-149" W x 42" D x 39" H.

#### 90 Series Console Housing for Soundcraft Ghost

**DESCRIPTION** Desk and rack system.

**MSRP** \$1,538 and up.

**FEATURES** Integrates any combination of 19" rack gear, producer desks, and computer equipment with tactile surface of the Soundcraft Ghost mixer. Expandable chassis for increasing console size according to changing equipment needs. 89.5"-178" W x 45" D x 39" H.

#### 90 Series Console Housing for Yamaha O2R

**DESCRIPTION** Desk and rack system.

**MSRP** \$1,729 and up.

**FEATURES** Integrates any combination of 19" rack gear, producer desks, and computer equipment with tactile surface of the Yamaha O2R mixer. Expandable chassis for increasing console size according to changing equipment needs. 89.5"-178" W x 45" D x 39" H.

#### Dual 15

**DESCRIPTION** Desk and rack system.

**MSRP** \$1,999.

**FEATURES** Workstation for digital recording, mixing, and post editing systems. Holds up to two 21" computer monitors and 38 rack spaces. Padded, wraparound armrest. Optional finishes available. 94" W x 50" D x 43" H.

#### Nevis Console Housing for Mackie 8-Bus

**DESCRIPTION** Desk and rack system.

**MSRP** \$699.95 and up.

**FEATURES** Integrates Mackie 8-Bus mixer, outboard gear, patchbays, computer equipment, and producer's desk. Transforms Mackie console into full-featured console with full-padded armrest and multi-access bridge lids. 62.2" W x 44" D x 30" H.

#### Nevis Console Housing for Soundcraft Ghost

**DESCRIPTION** Desk and rack system.

**MSRP** \$819.95 and up.

**FEATURES** Integrates Soundcraft Ghost mixer, outboard gear, patchbays, computer equipment, and producer's desk. Transforms Ghost into a full-featured console with full-padded armrest and multi-access bridge lids. 88.2" W x 44" D x 30" H.

#### Nevis Console Housing for Yamaha O2R

**DESCRIPTION** Desk and rack system.

**MSRP** \$819.95 and up.

**FEATURES** Integrates Yamaha O2R mixer, outboard gear, patchbays, computer equipment, and producer's desk. Transforms O2R into a full-featured console with full-padded armrest and multi-access bridge lids. 68.2" W x 44" D x 30" H.

#### Spire Rack Enclosures

**DESCRIPTION** Desk and rack system.

**MSRP** \$299.95 and up.

**FEATURES** Single, double, and quad 14-space rack bays available. Frame-panel construction and removable access doors for easy cabling in, out, and between bays. Optional finishes and producer's desk attachment for quad bay rack enclosure. 22.7"-82.25" W x 24" D x 33" H.

#### Spire Stands

**DESCRIPTION** Speaker stands.

**MSRP** Single, \$54.95; pair, \$99.95; set of three, \$139.95.

**FEATURES** 42" speaker stand unit. Sturdy, balanced support for near-field monitor systems. Available in black or grey. 16" W x 16" D base, 12" W x 12" D top.

### ASA CASE

#### Reasonable Rax/True Composite Cases

**DESCRIPTION** Hard case for keyboards.

**MSRP** \$200 - \$3,500.

### AUDIO ENGINEERING ASSOCIATES

#### AEA 25 HDB

**DESCRIPTION** Microphone stand.

**MSRP** \$495.

**FEATURES** 13" stand with black boom. 25" vertical, collapses to 57" and 46". Optional silver steel boom for use with very heavy loads. 18.5 lbs.

#### AEA 40HDCFB

**DESCRIPTION** Microphone stand.

**MSRP** \$1,000.

**FEATURES** Black carbon-fiber boom. 40" vertical, collapses to 57" and 82". 13.5" pivot, 22" maximum horizontal reach with lightweight mics. Sandbag counterweight. 26.3 lbs.

#### AEA 45HDCFB

**DESCRIPTION** Microphone stand.

**MSRP** \$1,450.

**FEATURES** Black carbon-fiber boom. 45" vertical, collapses to 57" and 90". Tripod diameter 53". 13.5" pivot, 27" maximum horizontal reach with lightweight mics. Includes heavy-duty boom. Pivot clamp assembly. Sandbag counterweight. 28 lbs.

### BEYERDYNAMIC

#### GST 400

**DESCRIPTION** Microphone boom stand.

**MSRP** \$79.

**FEATURES** For any mic. 65" maximum, 35" minimum height. Boom adjusts to 3".

#### GST 500

**DESCRIPTION** Microphone stand.

**MSRP** \$99.

**FEATURES** All mics. 65" maximum, 35" minimum height. 2-piece adjustable boom, heavy-duty legs.

#### GST 590

**DESCRIPTION** Low-level microphone boom stand.

**MSRP** \$99.

**FEATURES** For miking drums. 49" maximum, 18" minimum height.

#### ST500

**DESCRIPTION** Heavy-duty tripod microphone stand.

**MSRP** \$79.

**FEATURES** For all mics. 65" maximum, 35" minimum height.

#### ST400

**DESCRIPTION** Microphone stand tripod.

**MSRP** \$59.

**FEATURES** For all mics. 65" maximum, 35" minimum height.

### FLIGHT FORM CASES

#### assorted models

**DESCRIPTION** Cases for rackmount and keyboard equipment.

**MSRP** Varies.

**FEATURES** Wide variety of rackmount and keyboard equipment. Contact manufacturer for details and prices.

### GEORGE L'S CABLES

#### 10' Prepak

**DESCRIPTION** 10' cable in pre-pack.

**MSRP** \$14.50.

**FEATURES** Lifetime plugs warranty. Low capacitance coaxial cable with anti-static. No noise or line loss.

#### 15' Prepak

**DESCRIPTION** 15' cable in pre-pack.

**MSRP** \$17.50.

**FEATURES** Lifetime plugs warranty. Low capacitance coaxial cable with anti-static. No noise or line loss.

#### 20' Prepak

**DESCRIPTION** 20' cable in pre-pack.

**MSRP** \$20.50.

**FEATURES** Lifetime plugs warranty. Low capacitance coaxial cable with anti-static. No noise or line loss.

#### Effects Kit

**DESCRIPTION** 5' cable and 10 right-angle plugs in pre-pack.

**MSRP** \$50.40.

**FEATURES** Lifetime plugs warranty. Low capacitance coaxial cable with anti-static. No noise or line loss.

#### Cable by the Foot

**DESCRIPTION** Bulk cable.

**MSRP** \$.58 per foot.

**FEATURES** Low capacitance coaxial cable with anti-static. No noise or line loss.

#### Cable Warehouse

**DESCRIPTION** 500' cable and 50 plugs.

**MSRP** \$499.70.

**FEATURES** Low capacitance coaxial cable with anti-static. No noise or line loss. Lifetime plugs warranty. For recording studios, rehearsal studios, and touring bands.

#### Solderless Plugs

**DESCRIPTION** Straight and right-angle 1/4" plugs.

**MSRP** Straight, \$4.40; right-angle, \$4.75.

**FEATURES** Lifetime warranty.

### LITTLITE/CAE

#### L-Series Lampsets

**DESCRIPTION** Task lamps.

**MSRP** \$47 and up.

**FEATURES** Easy surface mounting. All sets available in 6", 12", or 18" lengths and include bulb, chassis, and fully-adjustable dimmer. Includes 6' cord, snap mount set for easy removable mounting, and screws for permanent mounting. 120-, 240-, or 12-volt versions available.

### MILES TECHNOLOGY

#### ACT-1 Audio/Cable Tester

**DESCRIPTION** Cable tester and test oscillator.

**MSRP** \$119.

**FEATURES** Tests all cables with XLR, 1/4", or RCA connectors. Instantly displays exact wiring of any cable. Also provides test tone at microphone or line level. Pocket-size.

### MIT/MUSIC INTERFACE TECHNOLOGIES

#### GAS Terminator

**DESCRIPTION** Guitar amp speaker cable.

**MSRP** 2-meter cable, \$100.

**FEATURES** High-performance interface cable for connection between amp/head unit and speaker cabinet. Provides tighter bass, clearer mids and highs, and greater dynamics than standard speaker cables. 30-day performance guarantee, limited lifetime guarantee on parts and labor.

#### Ripcord Bass

**DESCRIPTION** Bass guitar cable.

**MSRP** 10' cable, \$100; 15' cable, \$115; 20' cable, \$130.

**FEATURES** High-performance interface cable for use with electric and acoustic basses with pickups. Provides tighter bass, lower noise, and faster attack than standard bass guitar cables. 30-day performance guarantee, limited lifetime guarantee on parts and labor.

**Ripcord Guitar****DESCRIPTION** Guitar cable.**MSRP** 10' cable, \$100; 15' cable, \$115; 20' cable, \$130.**FEATURES** High-performance interface for use with electric and acoustic guitars with pickups. For clean guitar sounds (Ripcord HE for overdriven sounds.) Provides richer tone, lower noise, and more clarity than standard guitar cables. 30-day performance guarantee, limited lifetime guarantee on parts and labor.**Ripcord Guitar HE****DESCRIPTION** Guitar cable.**MSRP** 10' cable, \$100; 15' cable, \$115; 20' cable, \$130.**FEATURES** High-performance interface cable for use with electric guitar overdriven sounds. Provides richer tone, greater energy, and more increased dynamics than standard guitar cables. 30-day performance guarantee, limited lifetime guarantee on parts and labor.**Z-Cord****DESCRIPTION** Removable AC power cord.**MSRP** 2-meter cord, \$100.**FEATURES** High-performance, double-shielded, double-filtered removable (IEC) AC power cord. Effectively blocks electromagnetic and radio frequency radiation from entering or leaving equipment through power connections. Lower noise, improved clarity, and greater dynamics from electronics. 30-day performance guarantee, limited lifetime guarantee on parts and labor.**Z-Cord II****DESCRIPTION** Removable AC power cord.**MSRP** 2-meter cord, \$175.**FEATURES** High-performance, double-shielded, double-filtered removable (IEC) AC power cord. Effectively blocks electromagnetic and radio frequency radiation from entering or leaving equipment through power connections. Lower noise, improved clarity, and greater dynamics from electronics. 30-day performance guarantee, limited lifetime guarantee on parts and labor.**OMNIRAX****C2****DESCRIPTION** Desk and rack system.**MSRP** \$1,599.95.**FEATURES** Expanded version of Commander. Center section accommodates multiple video monitors. Added 2 space bays behind keyboard are within easy reach. 45.4" maximum, 27.4" minimum height. 320 lbs. Room for two 21" monitors across upper bridge. 58 rackspaces. Keyboard/mouse shelves.**C14****DESCRIPTION** Desk and rack system.**MSRP** \$199.95.**FEATURES** Rolling rack. 14-space rack. Part of Producer's Corner. 65 lbs. 20.6" W x 24" D x 29.4" H.**CC14D****DESCRIPTION** Desk and rack system.**MSRP** \$299.95.**FEATURES** Rolling rack. 13-space cabinet with 10" W open area for computer. Door muffles computer and hard drive noise. 100 lbs. 32.2" W x 24" D x 29.4" H.**CODA****DESCRIPTION** Desk and rack system.**MSRP** \$749.95.**FEATURES** Provides compact, ergonomic environment for digital mixing and editing. Compatible with Mackie HUI and Yamaha OSD. 38.75" maximum, 29.4" minimum height. 170 lbs. 8 total rackspaces. Fully-adjustable keyboard/mouse shelves.**CODA-D8****DESCRIPTION** Desk and rack system.**MSRP** \$899.95.**FEATURES** Dedicated mixing station provides a compact, ergonomic workstation for the Mackie Digital 8-Bus mixing console. Bridge for both video and near-field monitors. Adjustable sliding keyboard/mouse shelves. 18 rackspaces.**Commander****DESCRIPTION** Desk and rack system.**MSRP** \$1,299.95.**FEATURES** Keyboard workstation for up to 88-note keyboard. Room for computer and near-field monitors. Accepts Plex MS music stand. 60 rack spaces. 295 lbs. 87.3" W x 44.5" D x 48" H.**CW22****DESCRIPTION** Desk and rack system.**MSRP** \$274.95.**FEATURES** Rack case, rolling rack. Versatile studio rack on casters. 22 rack spaces: 8 vertical below, 14 slanted above. 75 lbs. 20.6" W x 24" D x 50.5" H.**CW22T****DESCRIPTION** Desk and rack system.**MSRP** \$474.95.**FEATURES** Rolling rack. 22 rack spaces: 8 vertical below, 14 slanted above. Same as CW22 with roll-top cover. 75 lbs. 20.6" W x 24" D x 50.5" H.**CW30****DESCRIPTION** Desk and rack system.**MSRP** \$299.95.**FEATURES** Rolling rack. Console workstation for rackmount mixers. 14 rack spaces on a sloping top, 10 spaces below and six spaces more in lower rear. 70 lbs. 20.6" W x 36.5" D x 36.5" H.**E4****DESCRIPTION** Desk and rack system.**MSRP** \$99.95.**FEATURES** Modular, 4-space vertical cabinet. 16 lbs. 20.6" W x 12" D x 8-3/4" H.**E6****DESCRIPTION** Desk and rack system.**MSRP** \$109.95.**FEATURES** Modular 6-space vertical cabinet. 18 lbs. 20.6" W x 12" D x 12-1/4" H.**E10****DESCRIPTION** Desk and rack system.**MSRP** \$119.95.**FEATURES** Modular 10-space vertical cabinet. 22 lbs. 20.6" W x 12" D x 19.25" H.**E146****DESCRIPTION** Desk and rack system.**MSRP** \$209.95.**FEATURES** Slanted rolling rack. 14 spaces in front, 6 spaces in lower rear. 43 lbs. 20.6" W x 26" D x 30" H.**KS1****DESCRIPTION** Desk and rack system.**MSRP** \$59.95.**FEATURES** Accessory shelf. Optional computer keyboard shelf. 10 lbs. 21-1/2" W x 10-1/2" D x 3/4" H.**KMS3****DESCRIPTION** Desk and rack system.**MSRP** \$74.95.**FEATURES** Accessory shelf. Optional computer keyboard and mouse shelves mountable below riser bridge of PSMC and PSJRM. 11 lbs. 28-1/2" W x 11" D x 3/4" H.**KMS4****DESCRIPTION** Desk and rack system.**MSRP** \$149.95.**FEATURES** Vertically-adjustable computer keyboard and mouse shelves. Works well beneath PSMC, PSJRM, MixStation, and many other models. 22 lbs. 28-1/2" W x 10-1/4" D x 3/4" H.**KMS02R****DESCRIPTION** Desk and rack system.**MSRP** \$149.95.**FEATURES** Accessory shelf. Vertically-adjustable keyboard and mouse shelves made specifically for the MixStation 02R. 22 lbs. 26" W x 10-1/4" D x 3/4" H.**KMSC****DESCRIPTION** Desk and rack system.**MSRP** \$149.95.**FEATURES** Accessory shelf. Vertically-adjustable keyboard shelf made specifically for the Commander. 22 lbs. 28-1/2" W x 10-1/4" D x 3/4" H.**KMSF****DESCRIPTION** Desk and rack system.**MSRP** \$149.95.**FEATURES** Accessory shelf. Vertically-adjustable computer keyboard and mouse shelves made specifically for the Producer 80. 22 lbs. 28-

1/2" W x 10-1/4" D x 3/4" H.

**M8****DESCRIPTION** Desk and rack system.**MSRP** \$449.95.**FEATURES** Fits Mackie 24x8 mixer. 8 rack spaces. 115 lbs. 40.5" W x 36" D x 45.5" H.**MB 70****DESCRIPTION** Desk and rack system.**MSRP** \$199.95.**FEATURES** Monitor bridge wide enough to hold multiple video monitors and near-field monitors. Fits on Producer 80 Desk. Bridge raised to 6" above desk for ergonomic viewing of video monitors. 45 lbs. 70" W x 23.8" D x 6.75" H.**MiniStation****DESCRIPTION** Desk and rack system.**MSRP** \$669.95.**FEATURES** Workstation for keyboards up to 46.5" wide. Space for computer. Complete with computer keyboard and writing shelves. 6 rack spaces. 155 lbs. 48" W x 30" D x 39.75" H.**MixStation 24x8 E****DESCRIPTION** Desk and rack system.**MSRP** \$1,299.95.**FEATURES** Ergonomic multi-level working environment for Mackie 24x8 with expander, computer, and associated peripherals. 42 rack spaces. Accepts KMS4 keyboard and mouse shelves. 300 lbs. 110-3/4" W x 37.875" D x 42.875" H.**MixStation 32x8E****DESCRIPTION** Desk and rack system.**MSRP** \$1,299.95.**FEATURES** Ergonomic multi-level working environment for Mackie 32x8 mixer with expander, computer, and associated peripherals. 42 rack spaces. Accepts KMS4 computer keyboard and mouse shelves. 315 lbs. 119.75" W x 37.875" D x 42.875" H.**MixStation 02R****DESCRIPTION** Desk and rack system.**MSRP** \$1,199.95.**FEATURES** Ergonomic, multi-level working environment for Yamaha 02R mixer, computer, and associated peripherals. 42 rack spaces. Accepts KMS0 computer keyboard and mouse shelves. 234 lbs. 70-1/2" W x 37.875" D x 43.375" H.**MixStation Mackie 24x8****DESCRIPTION** Desk and rack system.**MSRP** \$1,195.95.**FEATURES** Ergonomic multi-level working environment for Mackie 24x8 mixer, computer, and associated peripherals. 42 rack spaces. Accepts KMS4 keyboard and mouse shelves. 255 lbs. 81.625" W x 37.875" D x 42.875" H.**MixStation Mackie 32x8****DESCRIPTION** Desk and rack system.**MSRP** \$1,249.95.**FEATURES** Ergonomic multi-level working environment for Mackie 32x8 mixer, computer, and associated peripherals. 42 rack spaces. Accepts KMS4 computer keyboard and mouse shelves. 270 lbs. 90-1/2" W x 37.875" D x 42.875" H.**MOBI****DESCRIPTION** Desk and rack system.**MSRP** \$399.95.**FEATURES** Mobile computer workstation. Room for 14" monitor, CPU, and computer keyboard. 10 rack spaces. 115 lbs. 20.6" W x 28.75" D x 55.5" H.**Plex MS****DESCRIPTION** Desk and rack system.**MSRP** \$75.**FEATURES** Plexiglass stand that clips onto riser of several Omnirax models. Useful for sheet music and notes. 4 lbs. 18" W x 5-1/2" D x 13" H.**Pro 10****DESCRIPTION** Desk and rack system.**MSRP** \$139.95.**FEATURES** Versatile 10-space rack unit. 32 lbs. 20.6" W x 18" D x 19.25" H.**Pro 20**

**DESCRIPTION** Desk and rack system.

**MSRP** \$239.85.

**FEATURES** Versatile slanted-front, 20-space rolling rack. 52 lbs. 20.6" W x 18" D x 45" H.

### Pro 316

**DESCRIPTION** Desk and rack system.

**MSRP** \$599.95.

**FEATURES** 3-bay producer's studio rack. Versatile slanted rolling rack. 48 rack spaces in 3 bays, 16 spaces each. Large top surface area.

### Producer's Corner

**DESCRIPTION** Desk and rack system.

**MSRP** \$1,299.95.

**FEATURES** 5-piece suite including P80, MB70, C14, CC14D, KMSP models. Great for audio/video applications. 357 lbs. 120.6" W x 37" D x 36.2" H.

### ProStation

**DESCRIPTION** Desk and rack system.

**MSRP** \$899.95.

**FEATURES** Room for computer and near-field monitors. Ergonomically-designed, sleek, and expansive digital audio workstation. 30 rack spaces. 72-1/4" W x 36" D x 44" H.

### ProStation Jr.

**DESCRIPTION** Desk and rack system.

**MSRP** \$699.95.

**FEATURES** Room for computer and near-field monitors. 170 pounds. Ergonomically-designed, compact digital audio workstation. 14 rack spaces. 60-1/2" W x 29-1/2" D x 42-1/2" H.

### ProStation Jr. MC

**DESCRIPTION** Desk and rack system.

**MSRP** \$659.95.

**FEATURES** Compact workstation for keyboard composing. Room for computer and near-field monitors. Accommodates up to 88-note keyboard. 12 rack spaces. Accepts KMS3 (keyboard and mouse shelf) mounting on riser bridge or KMS4 mounting under desk surface. 160 lbs. 60-1/2" W x 29-1/2" D x 43" H.

### ProStation MC

**DESCRIPTION** Desk and rack system.

**MSRP** \$849.95.

**FEATURES** Room for computer and near-field monitors. 260 pounds. Perfect for mixing boards or keyboard composing. 26 rack spaces. Accepts KMS3 (computer keyboard shelf) controller, or KMS4 mounting under desk surface. 72-1/4" W x 36" D x 45-1/2" H.

### Producer 80

**DESCRIPTION** Desk and rack system.

**MSRP** \$449.95.

**FEATURES** Sleek, spacious, curved workstation desk designed to fit in a corner. Works as centerpiece of Producer's Corner. Accepts KMSP keyboard and mouse shelf mount under desk. 125 lbs. 80" W x 34.4" D x 29.4" H.

### Riser Rax 8

**DESCRIPTION** Desk and rack system.

**MSRP** \$249.95.

**FEATURES** Desktop riser. 8-space bridge for rackmount modules at arm's reach. Spans any 88-note keyboard. Perfect position for near-field monitors. 9-3/8" clearance below rack bays. Scoop away back for easy cabling. 54 lbs. 60-1/2" W x 14-1/2" D x 18-1/2" H.

### Riser Rax 12

**DESCRIPTION** Desk and rack system.

**MSRP** \$249.95.

**FEATURES** Desktop riser. 12-space bridge for rackmount modules at arm's reach. Spans any 88-note keyboard, perfect position for near-field monitors. Scoop away back designed for easier cabling. 58 lbs. 60-1/2" W x 14-1/2" D x 18-1/2" H.

### Synergy

**DESCRIPTION** Desk and rack system.

**MSRP** \$999.95 and up.

**FEATURES** Includes Synergy 600, 800, and 1000 models. Provides flexible furniture solution for most mixers. Houses mixers from Mackie, Yamaha, Tascam, Soundcraft, Ramsa, and others in a wide variety of configurations. Padded wrist rest and 12-space rack bay are standard. Solid mahogany "cheeks" add warmth and elegance.

### Synthrax 76

**DESCRIPTION** Desk and rack system.

**MSRP** \$749.95.

**FEATURES** 3 sliding shelves for 76-note synths. Shelves slide out 10". Clear sight lines to all keyboards. Two 10-space lower bays sloped for easier viewing. All shelves can lock in out position. 215 lbs. 54-3/4" W x 24" D x 48-3/4" H.

### Synthrax 88

**DESCRIPTION** Desk and rack system.

**MSRP** \$824.95.

**FEATURES** 3-tier cabinet with 3 sliding shelves for 88-note synths. 30 rack spaces below sloping for easier viewing. Shelves lock in out position. 230 lbs. 60.375" W x 24" D x 48.875" H.

### TT104

**DESCRIPTION** Desk and rack system.

**MSRP** \$169.95.

**FEATURES** Table-top mixer rack with 10 rack spaces on sloping front. 4 rack spaces above with dual rail positions to accommodate mixers up to 11 spaces. 3-1/2" padded wrist rest for comfortable slider adjustments.

### Tyro

**DESCRIPTION** Desk and rack system.

**MSRP** \$624.95.

**FEATURES** Smallest keyboard workstation for keyboards up to 43" wide. Piano shelf slides out and locks. Computer keyboard and shelf slides and locks in place. 12 rack spaces. 150 lbs. 45-1/4" W x 23-3/4" D x 34" H.

### WDA

**DESCRIPTION** Desk and rack system.

**MSRP** \$179.95.

**FEATURES** Angled workstation desk to attach to MOBI, CW30, or CW22. Right- or left-handed. Not a freestanding desk. 65 lbs. 72" W x 24" D x 26-1/4" H.

### WDAD

**DESCRIPTION** Desk and rack system.

**MSRP** \$299.95.

**FEATURES** Deep-angled workstation desk to create a corner working area.

### WDF

**DESCRIPTION** Desk and rack system.

**MSRP** \$219.95.

**FEATURES** Freestanding workstation desk. 90 lbs. 72" W x 24" D x 26-1/4" H.

### WDFD

**DESCRIPTION** Desk and rack system.

**MSRP** \$274.95.

**FEATURES** Workstation desk. Extra deep freestanding desk. 105 lbs. 72" W x 30" D x 26-1/4" H.

### WDS

**DESCRIPTION** Desk and rack system.

**MSRP** \$179.95.

**FEATURES** Straight workstation desk attaches to CW22, CW30, or MOBI. Not a freestanding unit. 66 lbs. 72" W x 24" D x 26-1/4" H.

### WRF

**DESCRIPTION** Desk and rack system.

**MSRP** \$99.95.

**FEATURES** Desktop riser shelf designed for video and near-field monitors when used with Omnirax workstation desks. 33 lbs. 60-1/2" W x 11-1/2" D x 7-1/2" H.

## PER MADSEN DESIGN

### The RACKIT System 19

**DESCRIPTION** Desk and rack system.

**MSRP** \$35 - \$295.

**FEATURES** Modular, stackable oak units hold all recording formats and equipment.

## POWERKEYS

### Logic Learning Kit

**DESCRIPTION** Computer keyboard overlays.

**MSRP** \$39.95.

**FEATURES** Logic Audio Platinum, Gold, and Silver keyboard command overlays. 350 macros with color-coded computer keyboard overlay saves time and increases productivity for beginners and advanced users.

## PROTEC

### Deluxe Keyboard Bags

**DESCRIPTION** Soft bag for keyboards.

**MSRP** \$69.50 - \$115.

**FEATURES** Fits numerous 61-, 76-, and 88-key keyboards. Available at music stores nationwide. Dealer direct sales only.

### Pro Pac Cases

**DESCRIPTION** Soft case for keyboards.

**MSRP** \$156 - \$199.

**FEATURES** Fits numerous 61-, 76-, and 88-key keyboards. Available at music stores nationwide. Dealer direct sales only.

## SIGNAL TRANSPORT

### Swing Rack

**DESCRIPTION** Swing Rack frame for fixed install.

**MSRP** \$1,400 - \$3,200.

**FEATURES** High-end racking solution allows full rear access to equipment in difficult space situations. Available in singles or pairs, in 15RU or 45RU heights. Installs in cabinet or finished wall opening. Optional rear frame provides rear rack rail and cable/power support hardware.

## Z RIGHT STUFF

### Z-BAR

**DESCRIPTION** Amplifier miking bracket.

**MSRP** \$17.95.

**FEATURES** Miking brackets for guitar, bass, and keyboard amps. Replaces standard mic stand. Roughly z-shaped, black anodized aluminum bar deployed by slipping it beneath amp carrying handle. Protruding leg has adjustable threading from which any standard mic can be suspended. Provides quick, accurate mic positioning. Eliminates mic stand clutter and weight.

# Acoustic Treatment Materials

## ACOUSTIC SCIENCES

### Mass System

**MSRP** \$2,500 - \$8,000.

**DESCRIPTION** Studio acoustics kit.

## ACOUSTICAL SOLUTIONS

### AlphaSorb Wall Panels

**MSRP** Range.

**DESCRIPTION** Acoustic materials.

**DIMENSIONS** Available in any size up to 10' W x 1" or 2" D x 4' H.

## AURALEX ACOUSTICS

**Auralex**<sup>™</sup>  
acoustics

### Acoustical Products

**DESCRIPTION** Products manage sound control. Accommodates any facility, including industrial, broadcast, recording, and entertainment.

**MSRP** Range.

**FEATURES** Absorbent foam panels, bass traps, diffusers, floor floaters, sound barriers, microphone windscreens, adhesives, broadband absorbers, and more.

## CAIG LABORATORIES

### CaiLube MCL

**MSRP** \$8.95 - up.

**DESCRIPTION** Lubricant.

### DeoxIT

**MSRP** \$8.95 - up.

**DESCRIPTION** Contact/connector cleaning solution.

### ProGold

**MSRP** \$8.95 - up.

**DESCRIPTION** Contact/connector cleaning solution.

Acoustic Treatment/Power Distributors



Auralex Roominator Pro

Reader Service No. 242

CLEARSONIC

Clearsonic Panels

MRSP Contact manufacturer.  
DESCRIPTION Acoustic materials.  
DIMENSIONS Various sizes available.

NETWELL NOISE CONTROL

Pyramids

MRSP \$2 - \$9 per sq. ft.  
DESCRIPTION Acoustic materials.  
DIMENSIONS 2" x 2" squares.

RPG DIFFUSOR SYSTEMS

Abflector

MRSP \$135.45 per panel; \$541.80 for a box of four.  
DESCRIPTION Acoustic materials.  
DIMENSIONS 19" W x 6" D (at one end) x 48" H.

Corner Bass Trap

MRSP \$538 for two.  
DESCRIPTION Acoustic materials.  
DIMENSIONS 25-3-5/8" W x 12-1/4" D x 23-5/8" H.

Flatfusor

MRSP \$59 per panel  
DESCRIPTION Acoustic materials.  
DIMENSIONS 2" W x 1" D x 2" H.

ProFoam

MRSP Range.  
DESCRIPTION Acoustic materials.  
DIMENSIONS 2" W x 2" D x 2" or 4" H

SkyLine

MRSP \$270.90 for a box of 2.  
DESCRIPTION Acoustic materials.  
DIMENSIONS 23-5/8" W x 7" D x 23-5/8" H.

SYSTEMS DEVELOPMENT GROUP

Art Diffusor Model C

MRSP \$131 Class A fire rating / \$90 Non-Class A fire rating.  
DESCRIPTION Acoustic materials.  
DIMENSIONS 23-7/8" W x 4-1/2" D x 23-7/8" H.

Art Diffusor Model F

MRSP \$131 Class A fire rating / \$90 Non-Class A fire rating.  
DESCRIPTION Acoustic materials.  
DIMENSIONS 24" W x 1-1/2" D x 24" H.

Bass Eraser

MRSP Contact manufacturer.

DESCRIPTION Acoustic materials.  
DIMENSIONS 2' X 4' trapezoidal backbox.

Cutting Wedge 2000

MRSP Start at \$2.63 per sq. ft.  
DESCRIPTION Acoustic materials.  
DIMENSIONS 12" W x 2 1/4" D x 12" H, 2 1/2" W x 2-1/4" D x 48" H.  
Charcoal blue, tan colors.

Cutting Wedge 2000 ARLX

MRSP \$TBA.  
DESCRIPTION Acoustic materials.  
DIMENSIONS 24" W x 1-1/4" D x 48" H. Charcoal color.

WHISPERROOM

WhisperRoom SE Series

MRSP \$2,195 and up.  
DESCRIPTION Portable isolation enclosures with ventilation system and cable passages.  
DIMENSIONS Various sizes available.

Power Distributors, Light Modules, & Power Conditioners

EQUITECH

ETIR

DESCRIPTION Rackmount stand-alone balanced power system.  
MRSP \$879.  
FEATURES 10 rear-panel outlets. Surge and ground fault protection. 10 amps balanced AC power. For rack, small project studio, or front of house/backline equipment.  
DIMENSIONS 2U rackmount. 29 lbs.

ET2R

DESCRIPTION Rackmount stand-alone balanced power system.  
MRSP \$1,389.  
FEATURES 12 rear-panel outlets. Surge and GFCI protection. 20 amps balanced AC power eliminates hums, buzzes, and other noise in sound and video equipment.  
DIMENSIONS 2U rackmount. 49 lbs.

ETA SYSTEMS

PD6

DESCRIPTION Audio power distributor.

MRSP \$650.

FEATURES 10 rear switched outlets. Circuit breaker for overload protection. 140 amps. Front-panel circuit breaker. Operates on 120/240 V AC single phase or any 2 legs of 120/208 V AC three phase.  
DIMENSIONS 2U rackmount. 20 lbs.

PD8

DESCRIPTION AC audio-conditioned power distributor.

MRSP \$79.

FEATURES 8 rear switched outlets. Incoming spike/surge and filtration protection. 15 amps, 1,800W. Watchdog-protected circuitry with front panel LED.  
DIMENSIONS 1U rackmount. 7 lbs.

PD8L

DESCRIPTION AC audio-conditioned power distributor.

MRSP \$99.

FEATURES 8 rear switched, 2 front-panel u-grounded outlets. Incoming spike/surge and filtration protection. 15 amps, 1,800W. Watchdog-protected circuitry with front panel LED indicator.  
DIMENSIONS 1U rackmount. 7 lbs.

PD9L/PD9LV

DESCRIPTION AC audio-conditioned power distributor.

MRSP \$160 - \$240.

FEATURES 8 rear, 1 front always-on u-grounded outlets. Spike/surge and EMI/RFI filtration and regulation protection. 15 amps, 1,800W. LED voltage display on PD9LV. Front-panel circuit breaker overload protection. Vertical rear-panel outlets spaced to accommodate up to 6 AC wall-wart adapter. Watchdog-protected circuitry.  
DIMENSIONS 1U rackmount. 8 lbs.

PD10VRS

DESCRIPTION Powered AC line regulator and distributor.

MRSP \$990.

FEATURES 8 rear switched, 2 always on and protected outlets. Spike/surge, EMI/RFI filtration, and regulation protection. 20 amp microprocessor-controlled 4-stage sequential AC power line voltage regulator. Field-adjustable voltage calibration and display intensity. Optional audio warning signal at shut-down, automatic restart upon flow of usable voltage following high or low voltage shut down.  
DIMENSIONS 1U rackmount. 25 lbs.

PD11LVSP

DESCRIPTION Sequential AC audio-conditioned power distributor.

MRSP \$650.

FEATURES 8 rear/2 front-panel switched and 1 front-panel always on outlets. 3-stage spike/surge and EMI/RFI filtration protection. 20 amps, 2,400W. Optional 3-wire remote hook-up. Digital voltmeter readout and rack illuminators. Microprocessor-monitored 4-step power up/down with 4 preset interval delays or option for manual program up to 240 seconds.  
DIMENSIONS 1U rackmount. 10 lbs.

PD11P/VP/LP/LVP

DESCRIPTION AC-conditioned power distributor.

MRSP \$220 - \$380.

FEATURES 8 rear/2 front-panel switched and 1 front always on outlets (2 front-panel on PD11LP and PD11LVP). 3-stage spike/surge and 2-stage EMI/RFI filtration protection. 20 amp, 2,400W. Digital voltmeter readout (PD11VP and PD11LVP). Dual-swivel rack illuminators with high/low settings (PD11VP and PD11LVP). Ground and AC line fault check.  
DIMENSIONS 1U rackmount. 10 lbs.

PD11SP

DESCRIPTION Sequential AC audio-conditioned power distributor.

MRSP \$490.

FEATURES 8 rear switched, 1 front panel always on outlets. Spike/surge and EMI/RFI filtration protection. 20 amps, 2,400W. Microprocessor-monitored 4-step power up/down with 4 preset intervals or manual set up to 240 seconds. Access to remote feature is internal to board-mounted screw terminals for simple 3-wire hook up. Remote can be located up to 1,000 feet from master and linkable to unlimited number of units.  
DIMENSIONS 1U rackmount. 10 lbs.

PD11SS

DESCRIPTION Sequential AC audio-conditioned power distributor.

MRSP \$390.

FEATURES 8 switched rear and 1 front/2 rear always on outlets. Spike/surge and EMI/RFI filtration protection. 15 amps, 1,800W. Microprocessor-monitored 4-step power up/down with 4 preset

## Power Distributors

intervals (1, 5, 10, or 30 seconds) or manual settings up to 240 seconds between intervals. Access to remote feature is internal board-mounted screw terminals for simple 3-wire hook up.

**DIMENSIONS** 1U rackmount. 10 lbs.

**PD320VS**

**DESCRIPTION** Sequential AC audio-conditioned power distributor.

**MSRP** \$1,000.

**FEATURES** 16 rear switched outlets. Spike/surge and EMI/RFI filtration protection. 60 amps, 7,200W. External terminal block for remote access connection. Digital voltmeter display accesses each of 3 circuits. Field adjustable time delay between sequential steps.

**DIMENSIONS** 2U rackmount. 21 lbs.

**FURMAN SOUND****AR-1215**

**DESCRIPTION** AC line voltage regulator

**MSRP** \$599.

**FEATURES** 1 front-panel, 8 rear outlets. Spike/surge and RFI protection. 15 amps. 8-tap toroidal autoformer, 10-LED bargraph input voltage meter. Designed to protect audio, video, and computer equipment from irregularities in AC line voltage. Provides power conditioning using MOVs, high voltage inductors, and capacitors.

**DIMENSIONS** 1U rackmount. 12 lbs.

**AR-PRO**

**DESCRIPTION** AC line voltage regulator.

**MSRP** \$2,295.

**FEATURES** 12 rear, 2 front-panel outlets. Multi-stage spike/surge protection. 30 amps. Accepts single phase input AC voltages anywhere within 2 capture ranges. Designed to protect audio, video, and computer equipment from irregularities in AC line voltage anywhere in the world. Extreme voltage shutdown protects against dangerously high or low voltages.

**DIMENSIONS** 1U rackmount. 12 lbs.

**BP-1000**

**DESCRIPTION** On-line uninterruptible power supply.

**MSRP** \$1,479.

**FEATURES** 3 grounded outlets on rear panel. 700W, 115 volts. No switch-over time from direct line power and no attendant risk of data loss during transition. Long-life, sealed, maintenance-free lead acid internal batteries. Communications port allows warnings to be broadcast to computer or network.

**DIMENSIONS** 2U rackmount. 36 lbs.

**IT-1210**

**DESCRIPTION** Balanced power isolation transformer.

**MSRP** \$899.

**FEATURES** 2 front-panel, 12 rear outlets. Spike/surge and RFI protection. 10 amps. Toroidal transformer with center-tapped secondary. Smart voltmeter flashes during abnormal conditions.

**DIMENSIONS** 2U rackmount. 40 lbs.

**IT-1220**

**DESCRIPTION** Balanced power isolation transformer.

**MSRP** \$1,579.

**FEATURES** 2 front-panel, 12 rear outlets. Spike/surge and RFI protection. 20 amps. Toroidal transformer with center-tapped secondary. Provides precisely-balanced AC power for ultra-low noise installations, typically 16dB improvement in background noise. Smart voltmeter flashes during abnormal conditions.

**DIMENSIONS** 3U rackmount. 65 lbs.

**PL-8**

**DESCRIPTION** Rackmount power conditioner and light module, spike/surge protector, RF filter.

**MSRP** \$159.

**FEATURES** 8 rear, 2 front-panel outlets. Triple-mode varistor spike/surge protection. 15 amps with circuit break protection. UL listed.

**DIMENSIONS** 1U rackmount. 6 lbs.

**PL-Plus**

**DESCRIPTION** Power conditioner/light module/RFI filter.

**MSRP** \$229.

**FEATURES** 8 rear, 2 front-panel outlets. Triple-mode varistor spike/surge protection. 15 amps with circuit breaker protection. All PL-8 features plus 20-LED line voltage monitor.

**DIMENSIONS** 1U rackmount. 6 lbs.

**PL-PRO**

**DESCRIPTION** Power conditioner/light module.

**MSRP** \$399.

**FEATURES** 8 rear, 2 front-panel outlets. 20 amps, 2,400W. Smart micro-processor monitors critical functions, LED status indicators report on problems. Extrem voltage shutdown feature. 6 MOVs on filter and output and gas discharge tube to absorb fastest transients.

**DIMENSIONS** 1U rackmount. 6 lbs.

**PL-Tuner**

**DESCRIPTION** Power conditioner/light module/tuner.

**MSRP** \$279.

**FEATURES** 8 rear, 2 front-panel outlets. Same protection as PL-8, PL-Plus. 15 amps with circuit breaker. Amp Mute switch for quiet guitar and bass tuning checks. Tuner has 7-octave range and lights to show when in tune.

**DIMENSIONS** 1U rackmount. 6 lbs.

**PLH-15**

**DESCRIPTION** Power conditioner/power sequencer/light module.

**MSRP** \$279.

**FEATURES** 8 rear, 2 front-panel outlets. Same protection as PL-8, PL-Plus. 15 amps with circuit breaker. Powers up and powers down equipment in delayed sequence to avoid pops from damaging speakers. Can be turned on from wireless remote control of audio amp or similar device. Perfect for recording studios and home theater systems.

**DIMENSIONS** 1U rackmount. 6 lbs.

**PM-8**

**DESCRIPTION** Power conditioner/monitor.

**MSRP** \$279.

**FEATURES** 8 rear, 1 front-panel outlets. Same protection as PL-8, PL-Plus. 15 amps with circuit breaker. Same AC line voltage meter as PL-Plus.

**DIMENSIONS** 1U rackmount. 6 lbs.

**PM-PRO**

**DESCRIPTION** Power conditioner/monitor

**MSRP** \$359.

**FEATURES** 8 rear, 2 front-panel outlets. 20 amps, 2,400W. Smart micro-processor monitors critical functions, LED status indicators report on problems. Extrem voltage shutdown feature. 6 MOVs on filter and output and gas discharge tube to absorb fastest transients.

**DIMENSIONS** 1U rackmount. 6 lbs.

**PS-8**

**DESCRIPTION** Power conditioner/sequencer.

**MSRP** \$329.

**FEATURES** 8 rear, 1 front-panel outputs. Same protection as PL-8, PL-Plus. 15 amps with circuit breaker. LEDs to indicate power status. Features 3 mains wiring indicators to monitor wiring integrity.

**DIMENSIONS** 1U rackmount. 6 lbs.

**PS-8R**

**DESCRIPTION** Power conditioner/sequencer.

**MSRP** \$359.

**FEATURES** 8 rear, 1 front-panel outputs. Same protection as PL-8, PL-Plus. 15 amps with circuit breaker. LEDs to indicate power status. Features 3 mains wiring indicators to monitor wiring integrity.

**DIMENSIONS** 19" W x 8" D x 1.75" H. 6 lbs.

**PS-PRO**

**DESCRIPTION** Power conditioner/sequencer.

**MSRP** \$359.

**FEATURES** 2 front, 8 rear panel outlets. 20 amps, 2,400W. Powers up/down rack equipment in 3-step delayed sequence. Smart micro-processor monitors critical functions, LED status indicators report on problems.

**DIMENSIONS** 1U rackmount. 6 lbs.

**GEMINI SOUND****PD-8**

**DESCRIPTION** Power distributor.

**MSRP** \$49.95.

**FEATURES** 8 outlets. 15A resettable circuit breaker.

**DIMENSIONS** 1U rackmount. 3.75 lbs.

**PL-90**

**DESCRIPTION** Power conditioner/light module.

**MSRP** \$99.

**FEATURES** 8 rear, 2 front-panel outlets. Power surge protection. 15 amps.

**DIMENSIONS** 1U rackmount. 6 lbs.

**PL-100**

**DESCRIPTION** Power conditioner/light module.

**MSRP** \$129.

**FEATURES** 8 rear, 2 front-panel outlets. Power surge protection. 15 amps.

Linear LED voltage meter.

**DIMENSIONS** 1U rackmount. 6 lbs.

**JUICE GOOSE****JG8.0**

**DESCRIPTION** Rackmount power distributor.

**MSRP** \$85.

**FEATURES** 8 rear panel outlets. 1 MOV. 15 amps.

**DIMENSIONS** 1U rackmount. 5 lbs.

**JG8.0L**

**DESCRIPTION** Rackmount power distributor.

**MSRP** \$120.

**FEATURES** 8 rear panel outlets. 2 front-panel pull-out lights. 1 MOV. 15 amps.

**DIMENSIONS** 2U rackmount. 6 lbs.

**JG8.0LM**

**DESCRIPTION** Rackmount power distributor.

**MSRP** \$179.

**FEATURES** 8 rear panel outlets. 2 front-panel pull-out lights. 1 MOV. 15 amps. Voltage meter.

**DIMENSIONS** 1U rackmount. 6 lbs.

**MIT/MUSIC INTERFACE****Z-ISO Duo**

**DESCRIPTION** AC power line isolator.

**MSRP** \$1,495.

**FEATURES** 4 rear-panel outlets. Over-voltage protection and isolation. 130W max per duplex, 260W total. Dual-buffered, dual-filtered isolation electrically removes sensitive equipment from racks. Includes 2-meter Z-Cord.

**DIMENSIONS** 3U rackmount. 40 lbs.

**SAMSON****EarAmp**

**DESCRIPTION** In-ear monitor system.

**MSRP** \$399.99.

**FEATURES** Volume, balance, and individual bass and treble controls per channel. Limiter, 15dB pad on/off for hot inputs. Mute on/off. Stereo and mix operating modes.

**PB 9 PowerBrite**

**DESCRIPTION** Power distribution system.

**MSRP** \$139.99.

**FEATURES** 8 rear-panel vertical and horizontal outlets. 1 adjustable pull-out fluorescent light. Spike protection, front-panel 15-amp circuit breaker and power on/off switch. Customizable front panel inlay. Outlets arranged vertically and horizontally to accommodate both AC plugs and power supplies.

**DIMENSIONS** 1U rackmount. 7 lbs.

**Pro 7 PowerBrite Pro**

**DESCRIPTION** Rackmount power distributor/meter/light module.

**MSRP** \$179.99.

**FEATURES** 1 front-panel unswitched, 6 rear-panel switched outlets. 1 pull-out fluorescent light tray. 7" gooseneck mini lamp included to illuminate the rear of racks. Front-panel voltage meter indicates incoming line voltage and warns against brownouts and overvoltage while ammeter detects short circuits and indicates when AC distributed current is approaching limit of circuit breaker.

**DIMENSIONS** 1U rackmount.

**PS9 PowerStrip**

**DESCRIPTION** Rackmount power distributor.

**MSRP** \$69.99.

**FEATURES** 1 front-panel unswitched, 8 switched rear-panel outlets. Spike protection. 15 amp circuit breaker, noise filter to prevent AC hum and a spike protector are also included.

**DIMENSIONS** 1U rackmount.

**TOPAZ****Light Master**

**DESCRIPTION** MIDI-controlled dimmer

**MSRP** \$269.

**FEATURES** 4 outlets. 15 amps, 1,800W. Units daisy-chainable for up to 2,048 lights. Uses any MIDI source for automated light control. For multimedia, automation, stage and studio lighting.

**DIMENSIONS** 13.5" W x 2.5" D x 1.75" H. 1.3 lbs.

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# Foot Pedals and Footswitches

## DOD

### AC240

**DESCRIPTION** 4-channel resistance mixer.  
**MSRP** \$59.95.

**FEATURES** 4 1/4" audio inputs and 1 1/4" audio output. Level control for each input. Can be run in reverse to split signal 4 ways.

### AC260

**DESCRIPTION** Direct box.  
**MSRP** \$59.95.

**FEATURES** 2 1/4" audio inputs and 1 XLR audio output. Passive direct box.

### AC265

**DESCRIPTION** Direct box.  
**MSRP** \$79.95.

**FEATURES** 2 1/4" audio inputs and 1 XLR audio output. Passive direct box with ground lift and selectable 12- or 40dB pad.

### AC270

**DESCRIPTION** A/B box.  
**MSRP** \$59.95.

**FEATURES** 2 audio inputs and 1 audio output. Passive A/B box. Can direct 1 source to 1 of 2 destinations, or select between 2 sources and send to 1 destination.

### AC275

**DESCRIPTION** Active direct box.  
**MSRP** \$89.95.

**FEATURES** 2 1/4" audio inputs and 1 XLR audio output. Active direct box. Can connect from speaker outputs for an XLR DI to console. Includes 12/40dB pad and ground lift.

## EDIROL

### DP-2 Sustain Pedal

**DESCRIPTION** Momentary foot switch.  
**MSRP** \$18.

### Roland DP-6 Sustain Pedal

**DESCRIPTION** Momentary foot switch.  
**MSRP** \$35.

### Roland EV-5 Expression Pedal

**DESCRIPTION** Expression pedal.  
**MSRP** \$75.

## KORG

### DS-1H

**DESCRIPTION** Piano-style damper pedal.  
**MSRP** \$65.

### EC5

**DESCRIPTION** 5-pedal unit.  
**MSRP** \$99.

**FEATURES** Designed for use with Korg i5-series keyboards. Can be assigned to various aspects of the accompaniment section, line start/stop, intro, ending, etc.

### EXP2

**DESCRIPTION** Volume pedal.  
**MSRP** \$85.

**FEATURES** 2 audio inputs and 1 audio output.

### KUP002

**DESCRIPTION** Volume pedal.  
**MSRP** \$65.

**FEATURES** 2 audio inputs and 2 audio outputs.

### PSI

**DESCRIPTION** Momentary foot switch.  
**MSRP** \$34.

### PS2

**DESCRIPTION** Momentary foot switch.  
**MSRP** \$45.

## XUP-10

**DESCRIPTION** Volume pedal.  
**MSRP** \$165.

**FEATURES** 2 audio inputs and 2 audio outputs.

## MIDI SOLUTIONS

### F8

**DESCRIPTION** 8-input MIDI footswitch controller.  
**MSRP** \$329.

**FEATURES** 8 1/4" mono inputs; connect to footswitches or other momentary contacts and trigger MIDI events. Event types are programmable for each input. MIDI-powered.

### Footswitch Controller

**DESCRIPTION** Multi-function MIDI event generator.  
**MSRP** \$99.

**FEATURES** 1 1/4" mono input; connect to footswitch or other momentary contact and trigger MIDI events. Event types are programmable for each input. MIDI-powered.

### P8

**DESCRIPTION** 8-input MIDI pedal controller.  
**MSRP** \$329.

**FEATURES** 8 1/4" stereo inputs; connect to pedals or other variable resistances and transmit MIDI data. Data types are programmable for each input. MIDI-powered.

### Pedal Controller

**DESCRIPTION** Continuous MIDI data generator.  
**MSRP** \$99.

**FEATURES** 1 1/4" stereo input; connect to pedal or other variable resistance and transmit MIDI data. Data types are programmable for each input. MIDI-powered.

## MUSIC INDUSTRIES

### MPM CVP-2

**DESCRIPTION** Expression pedal.  
**MSRP** \$35.

**FEATURES** CV pedal for Casio.

### MPM PS-10 Sustain Pedal

**DESCRIPTION** Square sustain pedal, open circuit.  
**MSRP** \$18.

**FEATURES** 1/4" jack. For Fatar, Novation, Casio, Korg, Ensoniq, etc.

### MPM PS-15 Sustain Pedal

**DESCRIPTION** Square sustain pedal, closed circuit.  
**MSRP** \$18.

**FEATURES** 1/4" jack. For Yamaha, Roland, Alesis, Akai, Kawai, etc.

### MPM PS-20 On/Off Switch

**DESCRIPTION** Square on/off switch.  
**MSRP** \$22.

**FEATURES** 1/4" jack.

### MPM PS-25 Sustain Pedal (switchable)

**DESCRIPTION** Square sustain pedal, switchable.  
**MSRP** \$24.

**FEATURES** 1/4" jack; switchable polarity. Works with any keyboard.

### MPM VFP-1/10 Piano Style Sustain Pedal

**DESCRIPTION** Piano-style damper pedal.  
**MSRP** \$37.50.

**FEATURES** 1/4" jack; open circuit. For Fatar, Novation, Casio, Korg, Ensoniq, etc.

### MPM VFP-1/15

**DESCRIPTION** Piano-style damper pedal.  
**MSRP** \$37.50.

**FEATURES** 1/4" jack; closed circuit. For Yamaha, Roland, Alesis, Akai, Kawai, etc.

### MPM VFP-1/25 Sustain Pedal

**DESCRIPTION** Piano-style damper pedal.  
**MSRP** \$40.50.

**FEATURES** 1/4" jack; switchable polarity. Works with any keyboard.

### MPM VFP-2/10

**DESCRIPTION** Double pedal unit.  
**MSRP** \$54.50.

**FEATURES** 1/4" TRS jack; open circuit. Works with Fatar, Novation, Casio, Korg, Ensoniq, etc.

### MPM VFP-2/15 Sustain Pedal

**DESCRIPTION** Double pedal unit.  
**MSRP** \$54.50.

**FEATURES** 1/4" TRS jack; closed circuit; piano style. For Yamaha, Roland, Akai, Kawai, etc.

### MPM VFP-3/10 Sustain Pedal

**DESCRIPTION** Triple pedal unit.  
**MSRP** \$79.50.

**FEATURES** 1 1/4" TRS jack, 1 1/4" TS jack; open circuit. For Fatar, Novation, Casio, Korg, Ensoniq, etc.

### MPM VFP-3/15

**DESCRIPTION** Triple pedal unit.  
**MSRP** \$79.50.

**FEATURES** 1 1/4" TRS jack, 1 1/4" TS jack; closed circuit. For Yamaha, Roland, Akai, Kawai, etc.

### MPM VP-26

**DESCRIPTION** Expression pedal.  
**MSRP** \$39.95.

**FEATURES** CV pedal for Fatar and Axon products.

### MPM VP-26/2P

**DESCRIPTION** Expression pedal.  
**MSRP** \$29.50.

**FEATURES** 1 audio input and 1 audio output. Mono in-line volume pedal.

### MPM VP-26/4P

**DESCRIPTION** Expression pedal.  
**MSRP** \$35.

**FEATURES** 2 audio inputs and 2 audio outputs. Stereo in-line volume pedal.

### MPM VP-26/E

**DESCRIPTION** Expression pedal.  
**MSRP** \$39.95.

**FEATURES** CV pedal for Ensoniq, Roland, and Alesis.

### MPM VP-26/KU

**DESCRIPTION** Expression pedal.  
**MSRP** \$39.95.

**FEATURES** CV pedal for Kurzweil.

### MPM VP-26/ST

**DESCRIPTION** Expression pedal.  
**MSRP** \$30.

**FEATURES** 2 audio outputs. CV pedal with stereo male output cable.

### MPM VP-26/SY

**DESCRIPTION** Expression pedal.  
**MSRP** \$39.95.

**FEATURES** CV pedal for Yamaha and Korg.

### MPM VP-26/TC

**DESCRIPTION** Expression pedal.  
**MSRP** \$39.95.

**FEATURES** CV pedal for Technics. 1/4" TRS output.

### VP-26/G

**DESCRIPTION** Expression pedal.  
**MSRP** \$39.95.

**FEATURES** CV Pedal for Generalmusic.

## STOMPER'S PEDALS

### Stomper Doppler Dampler 4

**DESCRIPTION** Piano-style damper pedal.  
**MSRP** \$49.

**FEATURES** 4 audio inputs and 2 audio outputs. Sustains, complains, retains, explains.

## T.C. ELECTRONIC

### Stereo Chorus Flanger Pedal (SCF)

**DESCRIPTION** Momentary footswitch.  
**MSRP** \$399.

**FEATURES** 1 1/4" audio input and 2 1/4" audio outputs. External bypass-switch jack.



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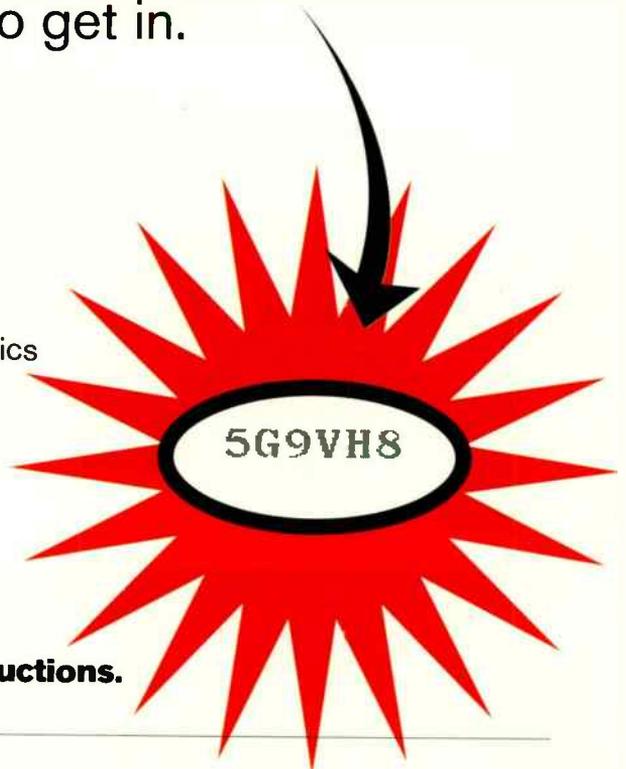
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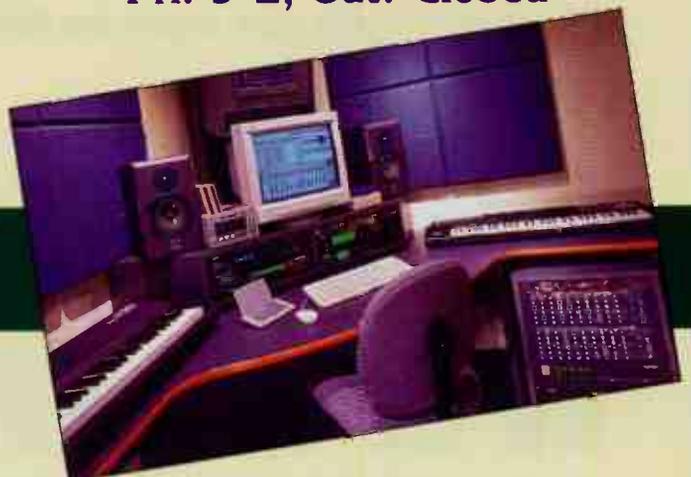
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## KEYBOARDS & SOUND MODULES



### XP60 & XP80 Music Workstations

The XP-80 delivers everything you've ever wanted in a music workstation. An unprecedented collection of carefully integrated features provide instant response, maximum realtime control and incredible user expandability. The XP-80 features a pro-quality 76-note weighted action keyboard while the NEW XP-60 features the same sound engine in a 61-note keyboard.



#### XP80 FEATURES--

- 64-voice polyphony and 16-part multitimbral capability
- 16 Mbytes of internal waveform memory, 80Mbytes when fully expanded (16-bit linear format)
- 16-track MRC-pro sequencer with direct from disk playback. Sequencer holds approx. 60,000 notes
- New sequencer functions like "non-stop" loop recording and refined Groove Quantize template

- Enhanced realtime performance capability with advanced Arpeggiator including MIDI sync and guitar strum mode and Realtime Phrase Sequence (RPS) for on-the-fly triggering of patterns
- 40 insert effects in addition to reverb and chorus
- 2 pairs of independent stereo outputs; click output jack with volume knob
- Large backlit LCD display

### SR-JV80 Series Expansion Boards **New**

Roland's SR-JV80-Series wave expansion boards provide JV and XP instrument owners a great-sounding, cost-effective way to customize their instruments. Each board holds approx. 8Mb of entirely new waveforms, ready to be played or programmed as you desire.

**Boards Include--**  
**Pop, Orchestral, Piano, Vintage Synths, World, Super Sound Set, Keys of the 60's & 70's, Session, Bass & Drums, Techno & Hip-Hop Collection.**

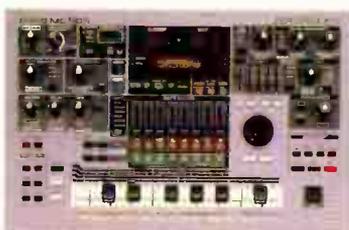


### MC-505 **GROOVEBOX**

The MC-505 groovebox builds upon the success of the MC-303 as a self-contained, retro-style dance music sequencer and sound module with newly upgraded sounds and powerful, futuristic features. Among these new features are the revolutionary D-Beam controller and a MegaMix function for intuitive realtime mixing of beats and patterns--making the MC-505 a DJ, hip-hop, techno or dance music artist's dream come true.

#### FEATURES--

- 64-voice polyphony, steeper filters, ADSR envelope for editing sounds, powerful effects.
- 714 onboard dance music patterns developed by cutting edge sound designers worldwide.
- 512 built-in sounds, 26 rhythm sets
- Three independent, synchronized effects processors
- Powerful onboard Arpeggiator



- SmartMedia slot accepts external 2MB and 4MB SmartMedia cards for unrarified patterns and patch storage and direct pattern playback

### MC-303 **GROOVEBOX**

The MC-303 is a self-contained, retro-style sequencer and integrated sound module with some very high-tech features. A baby version of the "big brother" MC505, the MC303 allows Techno, Rap, Jungle, hip-hop, acid and other dance styles to be approached easily and creatively by dance composers and other groove enthusiasts with a tool that is flexible and intuitive.



**E-mu Systems, Inc.**

### E-Synth Keyboard

The E-Synth Keyboard is a 64-voice professional synthesizer/sampler and workstation. It offers tons of expansion capabilities, a large palette of high-quality sounds, and a 76-key, semi-weighted keyboard with aftertouch and an array of real-time controllers.



#### FEATURES--

- 76-key, semi-weighted, velocity and pressure sensitive keyboard
- 4-assignable real-time control faders
- Thumb button real time controller
- 64-note polyphony (expandable to 128 with poly-expander board)
- 16MB ROM (expandable to 32MB)
- 16-part multi-timbral capability (expandable to 32 parts with optional MIDI expander card)
- BX 1/4" outputs
- Digital Modular Synthesis (DMS)
- Includes Emagic Sound Diver computer-based preset editor for Mac/PC.
- SCSI Interface and 2 CD-ROMs included.

## KURZWEIL

### K2500 Series Music Workstations

The K2500 series from Kurzweil utilizes the acclaimed V.A.S.T. technology for top-quality professional sound. Available in Rack mount, 76-key, and 88 weighted key keyboard configurations, these keyboards combine ROM based samples, on-board effects, V.A.S.T. synthesis technology and full sampling capabilities on some units.

#### FEATURES--

- True 48-voice polyphony
- Fluorescent 64 x 240 backlit display
- Up to 128MB sample memory
- Full MIDI controller capabilities
- 32-track sequencer
- Sampling option available
- Dual SCSI ports
- DMTi Digital Multitrack interface option for data format and sample rate conversion (Interfaces with ADATs or DA-88s)



## KORG

### Trinity Series Music Workstations DRS

Korg's Trinity Series represents a breakthrough in sound synthesis and an incredible user interface. It's touch-screen display is like nothing else in the industry, allowing you to select and program patches with the touch of a finger. The 24MB of internal ROM are sampled using ACCESS which fully digitizes sound production from source to filter to effects. Korg's DSP based Multi Oscillator Synthesis System (MOSS) is capable of reproducing 5 different synthesis methods like Analog synthesis, Physical Modeling, and variable Phase Modulation (VPM).

#### FEATURES--

- 16 track 80,000 note MIDI sequencer
- Flexible, assignable controllers
- DRS (Digital Recording System) features a hard disk recorder and various digital interfaces for networking a digital recording system configured with ADAT, DAT recorder and hard disk.
- 256 programs, 256 combinations
- Reads KORG sample DATA library and AKAI sample library using optional 8MB Flash ROM board



88 Weighted-key/Solo Synth

76-key/Solo Synth

61-key/Solo Synth

61-key

\*[Digital IF, SCSI, Hard Disk Recorder, and sample Playback/Flash ROM functions are supplied by optional upgrade boards]

## AKAI

### MPC2000 MIDI Production Center

Whether your producing rap or hip-hop, sequencing a rack of MIDI modules, or performing live, the MPC2000 gives you powerful tools to make your music shine. It's the NEW MPC!

#### FEATURES--

- Large 248 x 60 LCD Graphic display
- 64-track, 100,000 note sequencer with linear drum machine style programming.
- 16-bit, 32-voice stereo sampler
- Standard SCSI interface
- Soft keys, Data/Digit wheels, cursor control and more.
- Keypad for directly entering sample points
- Note variation slider gives you realtime control of any sound's tuning, attack, decay, or filter frequency.
- Floppy Disk Drive
- Powerful expansion options



### S-Series Samplers

Starting with 64X oversampling, Akai's S-Series Samplers use 28-bit internal processing to preserve every nuance of your sound and the outputs are 18- and 20-bit to ensure reproduction of your sounds entire dynamic range. These three new samplers add powerful capabilities, ease-of-use, expandability and affordability to set the standard for professional samplers.

#### FEATURES--

- 16MB RAM (S3200XL) and 2MB RAM (S3000XL and S2000)
- Built-in SCSI interface for access to an large library of sounds.
- Optional EB-16 Multi-effects board provides true 4 channel, studio-quality effects with 2 multi-effects (up to 6 simultaneous effects each) and 2 additional reverb channels





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## COMPUTER SOFTWARE & HARDWARE

### emagic Logic Series Software

Beginner, project studio owner or professional, everyone will find the right features and functionality within the new Logic series of products. Logic Audio is the standard for digital audio and MIDI sequencing and each of these new products provides the same technical, core specs that positively distinguishes them from other sequencing programs. The series includes Micro Logic AV, and Logic Audio Silver, Gold and Platinum and all are available for both Mac OS and Windows 95 operating systems.

#### Logic Audio Gold

##### Key Features--

- Integrated stereo sample editor
- Realtime effects
- Up to 48 audio tracks • Up to 8 inserts per track
- Up to 8 effects buses

#### Logic Audio Platinum

##### Additional Key Features--

- Supports 16 and 24-bit audio
- Multiple hardware support
- Up to 96 audio tracks



- Dual hardware support (+AV)
- Complete feature set in the MIDI, Audio, and Score section
- Supports Audiowerk 8, DAE, CBX, 1212 I/O and AV

- Includes Zap (mac version), audio compression software.
- Supports TDM for ProTools III/24, Soundscape, SSRDR-1 and Akai DR8/16 (arrange editing only).

### Audiowerk8 Home Studio Kit

The Audiowerk8 Homestudio Kit has created a whole new genre in the computer music world. A complete, cross-platform Digital Audio Production Studio for less than you might think. Audiowerk8 provides high quality D/A A/D converters and 2 input, 8 output functionality. It includes Emagic's Logic Audio Discovery offering 16 tracks of digital audio, 996 ppq sequencer resolution, realtime DSP, sample editing and scoring. ZAP (for Mac) and Cool Edit Pro LE (Windows 95) round out the ensemble for guaranteed compatibility and performance.



### SONIC

### ACID Real-Time Party on the PC!

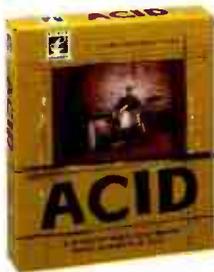


Sorry for the hype intro, but we have to let you know that this is NDT just another sequencer program with a few minor tweaks, this is the newest, hippest thing to come out in a very long time. ACID allows you to play .WAV, .AIFF and other sound files together matching their pitch and tempo in realtime. You've got to see it to believe it!

#### FOUNDRY

##### FEATURES--

- Make change to tempo and pitch on-the-fly.
- Match loop tempo and pitch to a project in realtime
- Multiple track looping and editing
- Volume, pan and effects envelopes per track
- Master or slave to SMPTE timecode
- Works on Windows 95 and Windows NT systems



### KORG

### 1212I/O

#### PCI Multi-Channel Audio Interface Card

The 1212I/O card helps bring the price of full function multi-channel computer based recording to a point that just about anyone can afford. It features 12 inputs and outputs configured as 2 analog I/Os, a S/PDIF I/O and 8-channel ADAT optical I/O. All I/Os can be used simultaneously for maximum flexibility. For the more advanced user, connect the card to the 168RC Recording Console or to the optional Korg 880A/D and 880D/A interfaces.

##### FEATURES--

- Total of 12 ins & outs, all can be used simultaneously.
- 44.1 and 48kHz sample rates

- 20-bit enhanced dual bit inputs, 18 bit outputs.
- 20-20kHz frequency response
- Compatible with any PCI Macintosh computer



### OPCODE

### Studio Vision Pro 4.0

The newest version of this studio classic, Studio Vision Pro 4.0 incorporates many new features for the studio professional. Including enhanced 24-bit support for ProTools compatibility and a new MIDI event editor, you should see for yourself what's new at Opcode, the boys have been working overtime.

##### FEATURES--

- NEW look graphic interface makes it a pleasure to be working in front of the computer for hours (and hours, and hours)
- All functions are completely user definable through command keys/MIDI keys
- 24-bit support in DSP and playback means you have complete compatibility with the ProTools 24-bit system
- Stereo file support includes DSP processing
- Extensive NEW crossfade menus, vertical scaling of Waveforms and Strip Chart
- Ability to sidechain DSP plug-ins
- Non-destructive real-time Groove/Grid quantize
- Nudge events in both time and pitch
- Continuous controller oscillating tools
- Extensive new DSP preferences
- NEW pulse edit window



- NEW built-in arpeggiator uses quantize filters and records in perfect sync to your tempo map, runs entirely independent or your sequencer playing or recording
- Import and Export Quicktime 3.0 files.
- Much, much more...

### Studio 64XTC Cross Platform Interface



The Studio 64XTC takes the assorted, individual pieces of your studio-your computer, MIDI devices, digital and analog multitracks and even pro video decks, and puts them all in sync.

##### FEATURES--

- 4 In / 4 Out, 64 channel MIDI/SMPTE interface/patch-bay with powerful multitrack & video sync features
- ADAT sync with MIDI machine control

- Simultaneous wordclock and Superclock output, 44.1kHz or 48kHz for perfect sync with ADAT, DA-88 and ProTools
- Video and Blackburst in (NTSC and PAL)
- Cross-platform Mac and Windows compatibility



### Mark of the Unicorn

### Digital Performer 2.4 MIDI Sequencer for Mac

New Digital Performer 2.3 contains full sequencing capability with integrated digital audio manipulation. Apply effects such as Groove Quantize, shift, velocity scaling and more--**ALL IN REALTIME.**

##### FEATURES--

- MIDI Machine Control, Quicktime Video playback.
- Sample rate conversion.
- Spectral effects, pitch correction.
- Real-time editing and effects processing.
- Full featured Notation section
- Virtual automated mixing



### MIDI Time Piece™ AV 8x8 Mac/PC MIDI Interface



The MTP AV takes the world renowned MTP II and adds synchronization that you really need like video genlock, ADAT sync, and word clock sync, even Digidesign synclock!

##### FEATURES--

- Same unit works on both Mac & PC platforms.
- 8x8 MIDI merge matrix, 128 MIDI channels.
- Fully programmable from the front panel.
- 128 scene, battery-backed memory.
- Fast 1x mode for high-speed MIDI data transfer.

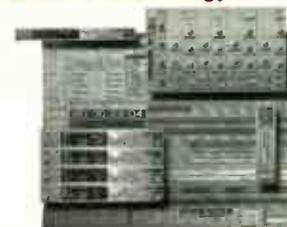
### Steinberg

### CUBASE VST Virtual Studio Technology

Steinberg's Virtual Studio Technology (VST) turns your PowerPC or Windows based computer into a music production powerhouse featuring digital audio, real-time effects, automation, MIDI and scoring in one single program. Expandable with software Plug-Ins and an audio bus system for use with the latest generation of multi I/O audio cards, Cubase VST delivers.

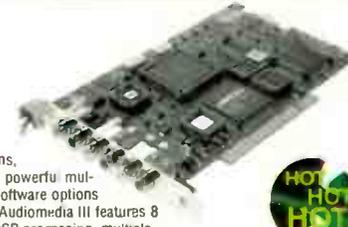
##### FEATURES--

- Up to 32 channels of digital audio
- Complete mixer with up to 128 EOs
- 2 full-featured effects racks
- All Realtime. Every action can be automated
- **CUBASE SCORE** adds professional score printing and layout functions
- **CUBASE AUDIO XT** adds support of Digidesign DAE compatible interfaces such as the ProTools System.



### AudiMedia III Digital Audio Card

Available for both Macintosh and Windows DS systems, AudiMedia III will transform your computer into an powerful multitrack workstation. Compatible with a wide variety of software options from Digidesign and Digidesign development partners, AudiMedia III features 8 tracks of playback, up to 4 tracks of recording, 24-bit DSP processing, multiple sample rate support and easy integration with leading MIDI sequencer programs.



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 800 947-2215 • 212 239-7549

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 420 Ninth Ave. (Bet. 33rd & 34th St.)  
 New York, N.Y. 10001

## MD RECORDERS

### TASCAM 564 Digital Portastudio

The Tascam 564 Digital Portastudio combines the flexibility and superior sound quality of digital recording with the simplicity and versatility of a portable multi-track. Using MiniDisc technology, the 564 has many powerful recording and editing features never before found in a portable 4-track machine.

#### FEATURES—

- Self-contained digital recorder/mixer.
- Uses low-cost, removable Mini Discs.
- 2 AUX sends / 2 Stereo returns. • 4 XLR mic inputs.
- Channel inserts on inputs 1 & 2.
- 5 takes per track, 20 patterns, 20 indexes per song.
- Random access and instant locate.
- Non-destructive editing features with undo capability include: bounce forward, cut, copy, move.
- Full-range EQ with mid-range sweep.
- S/PDIF digital output for archiving.
- MIDI clock and MTC.



### SONY MDM-X4mkII MD Multi-Track Recorder

Riding the success of the popular MDM-X4, the new mkII has a couple of new features to make it more fresh than ever. With a built-in mixer, exclusive Track Edit system, and a Jog/Shuttle wheel for sophisticated editing with ease, the MDM-X4mkII will encourage you to flex your creativity.

#### FEATURES—

- Records on high quality, removable MD data discs.
- 3.5-gen ATRAC LSI for wide dynamic range.
- 10 Input / 4Bus mixer.
- 2 AUX sends, 3-hand EQ.
- 11-point locator.
- Random access memory.
- Editing features include Undo, Redo, & Section/Song editing for flying material between different tracks.



### Fostex FD4 MD Multi-Track Recorder

The new Fostex FD-4 gives you all of the tools you need to make professional, uncompressed digital multitrack recordings.

Using a SCSI-drive or optional internal E-IDE drive the FD-4 provides flexibility and cost-efficient performance that you can grow with.

#### FEATURES—

- Stereo mix bounce and exchange of 4 main tracks
- Non-destructive Copy, paste, move paste & erase
- ±6% variable pitch control
- 2-track digital input and output
- Digital output of up to 12 tracks in remix
- MTC Slave, MIDI clock and SPP out
- Mixer section has 2 balanced XLR mic inputs on channels 3&4 as well as a 3-band EQ and 2 AUXs



## HARD DISK RECORDING

### Roland VS1680 Digital Production Studio

The new VS-1680 Digital Studio Workstation is a complete 16 track, 24-bit recording, editing, mixing and effects processing system in a compact tabletop workstation. With its advanced features, amazing sound quality and intuitive new user interface, the VS-1680 can satisfy your wanderlust.

#### FEATURES—

- 16 tracks of hard disk recording, 256 virtual tracks.
- 24-bit MT Pro Recording Mode for massive headroom and dynamic range.
- Large 320 x 240 dot graphic LCD provides simultaneous level meters, playlist, EQ curves, EFX settings, waveforms and more.
- 20-bit A/D D/A converters
- 2 optional 24-bit stereo effects processors (VS8F-2) provide up to 8 channels of independent effects processing.
- New EZ routing function allows users to create and



save various recording, mixing, track bouncing, and other comprehensive mixer templates for instant recall.

- 10 audio inputs: 2 balanced XLR-type inputs w/ phantom power, 6 balanced 1/4" inputs, and 1 stereo digital input (optical/coaxial)
- 12 audio outs: 8x RCA, 2x stereo digital & phones
- Direct audio CD recording and data backup using optional VS-CDR-16 CD recorder.

### VS-880 V2

The VS880 V2 incorporates powerful software recording and editing functions into this table-top digital production studio. Version 2 software adds more flexibility, allowing you to get the most out of this baby's incredible creative potential. The VS880V2 is available with a CD recorder complete with driver software for direct burning of CDs.

### VS-840

The VS-840 Digital Studio Workstation breaks the digital recording price/performance barrier with a powerful recording, mixing and effects processing in a compact and affordable table-top workstation. Innovative features and acclaimed sound quality easily make it one of the best recording values on the market today.

#### FEATURES—

- 12-channels digital mixing
- 64 "Virtual" tracks, 8 tracks at playback
- Onboard Stereo digital multi-effects processor includes Reverb, Delay, Chorus, COSM Guitar Preamp and Speaker Simulator and more.
- EZ Routing feature guides users step-by-step through



- basic operations like recording, mixing, and bouncing
- Uses low-cost removable Zip disks
- Non destructive editing features include Copy, Move, Exchange, Insert, Cut, and Erase
- 999 levels of undo for no fear recording and editing
- Enhanced LCD with new icons and graphics
- Dedicated Guitar input

Available with built-in CD burner and software!

### AKAI DPS-12 w/Jaz Digital Personal Studio

The Akai DPS-12 combines a digital disk recorder and a digital mixer in one convenient box, eliminating complex interfacing and allowing you to more easily focus on your music. Add the optional effects board and your DPS-12 can take you from inspiration to output entirely in the digital domain.

#### FEATURES—

- Random access recorder capable of playing 12 tracks of uncompressed 16-bit linear audio from convenient removable Jaz cartridges.
- 250 virtual tracks that can be assigned at mixdown to any of your real tracks giving you the freedom to compare multiple takes, experiment with different arrangements and even combine parts of different virtual tracks on a single track.
- 6 balanced analog inputs, S/PDIF digital stereo input
- Insert, Delete, Erase, Copy or Move sections of single or multi-track audio from anywhere to anywhere within your project.
- Informative backlit LCD gives you a clear picture of what's going on
- Dedicated front panel headphone output with monitor level control



- Dedicated panel keys for the most common functions and softkeys under the display for one-button access to many secondary parameters.
- Move instantly to any of 12 direct locate points or an additional 100 stacked memory points.
- Optional EB2M multi-effect processor board provides two independent studio-quality effects processors with a wide variety of programmable effects.

### KORG D8 Digital Recording Studio

The new D8 Digital Recording Studio features an 8-track recorder, a 12-channel mixer, onboard effects, and basically everything else you'll need to record and mix your music, you supply the talent.

#### FEATURES—

- 8-track recorder, 12-channel mixer
- 1.4GB hard disk for up to 4.5 hours of recording on a single track.
- High and low EQ on each channel.
- 130 high-quality stereo digital effects for complete recording in the digital domain.
- MIDI clock sync SCSI port and S/PDIF digital interfaces all standard.



## MONITORS

### Hafler TRM-8

Winner of Pro Audio Review's PAR Excellence Award in 1997, Hafler's TRM8s provide sonic clarity previously found only in much more expensive speakers. They feature built-in power, an active crossover, and Hafler's patented Trans-nova power amp circuitry



• 45Hz - 21kHz, ±2dB  
 • 75W HF, 150W LF  
 • Electrically & Acoustically matched

### MACKIE HR824

These new close-field monitors from Mackie have made a big stir. They sound great, they're affordable, they're internally bi-amped, "What's the catch?" Let us know if you find one.



#### FEATURES—

- 150W Bass amp, 100W Treble amp
- Full space, half space and quarter space placement compensation
- Frequency Response 39Hz to 22kHz, ±1.5dB

### TANNOY Reveal

The latest playback monitor from Tannoy, the Reveal has an extremely detailed, dynamic sound with a wide, flat frequency response.



#### FEATURES—

- 1" soft dome high frequency unit
- Long throw 6.5" bass driver
- Magnetic shielding for close use to video monitors
- Hard-wired, low-loss crossover
- Wide, flat frequency response
- Gold plated 5-way binding post connectors

## MIXING BOARDS

### MACKIE MS1402VLZ 14-Channel Compact Mixer

The popular MS1402 can be found in studios and live venues around the globe. It features Mackie's famous mic-pres, extra-long faders and an extensive output matrix. There's nothing better for the money.

#### FEATURES—

- Mic preamps w/Trim control (channels 1-6)
- 60mm "long" faders.
- Mute switch routes to alt 3&4 bus
- Low-cut filter
- Phantom power • Great price!



# MANUFACTURERS

## Aardvark

See hard disk recording systems (pg. 121).

202 E. Washington, #306  
Ann Arbor, MI 48104  
734-665-8899;  
fax 734-665-0694  
www.aardvark-pro.com

## Acoustic Sciences

See acoustic treatment materials (pg. 188).  
2720 Enterprise Parkway,  
Ste.101  
Richmond, VA 23294-6340  
800-782-5742;  
fax 804-346-8808  
acoustic@richmond.infi.net

## Acoustical Solutions, Inc.

See acoustic treatment materials (pg. 188).  
3603 Mayland Ct.  
Richmond, VA 23233  
800-782-5742, 804-346-8350;  
fax 804-346-8808  
acousticalsolutions@worldnet.att.net  
www.acousticalsolutions.com

## Aguilar Amplification

See power amps (pg. 176).  
1600 Broadway, #1004 T  
New York, NY 10019  
212-757-2823;  
fax 212-757-2452  
aguilar@interporl.net  
www.aguiaramp.com

## Akai

See samplers (pg. 52), personal digital studios (pg. 124), and alternate MIDI controllers (pg. 36).  
4710 Mercantile Dr.  
Fort Worth, TX 76137  
817-831-9203;  
fax 817-222-1591  
akaiusa@ix.netcom.com  
www.akai.com/akaipro/

## AKG Acoustics

See microphones (pg. 134).

1449 Donelson Pike  
Nashville, TN 37217  
615-367-9046

## Alesis

See synths (pg. 8), effects processors (pg. 86), mixers (pg. 113), dynamics processors (pg. 92), percussion sound modules (pg. 81), MIDI sequencers (pg. 45), software (pg. 58), audio cards (pg. 109), stand-alone modular digital multitrack recorders (pg. 123), drum machines (pg. 79), monitors and computer speakers (pg. 128), power amps (pg. 176), and digital pianos and piano modules (pg. 18).  
1633 26th St.  
Santa Monica, CA 90404  
310-255-3400, 800-525-3747;  
fax 310-255-3401  
alecorp@alesisusa.com  
www.alesis.com

## Allen & Heath

See mixers (pg. 113).  
8760 South Sandy Parkway  
Sandy, UT 84070  
801-568-7660;  
fax 801-568-7662

## Altec Lansing

See monitors and computer speakers (pg. 128).  
Route 6 and 209  
Milford, PA 18337  
800-258-3288;  
fax 717-296-6887  
csupport@altecmm.com  
www.altecmm.com

## AlterMedia

See misc. music software (pg. 172).  
6300 Powers Ferry Rd., Ste.  
600-200  
Atlanta, GA 30339  
800-450-5740;  
fax 770-303-0970  
www.studiosuite.com

## Alternate Mode Inc./KAT

See electronic drums and drum sets (pg. 81), and percussion controllers (pg. 80).  
53 First Ave.  
Chicopee, MA 01020  
413-594-5190;  
fax 413-592-7987  
KAT1993@aol.com  
www.KATpercussion.com

## Ambiance Acoustics

See monitors and computer speakers (pg. 128).  
P.O. Box 27115  
San Diego, CA 92198-1115  
619-485-7514, 888-225-2823;  
fax 619-485-7514  
prosales@calcube.com  
www.calcube.com

## Antares Audio Technology

See digital audio processing software (pg. 151), effects processors (pg. 86).  
11768 Atwood Drive  
Suite #13  
Auburn, CA 95603  
530-878-4400;  
fax 530-878-8577  
info@antares-systems.com  
www.antares-systems.com

## Antex Electronics

See audio cards (pg. 109).  
1125 W. 190th St.  
Gardena, CA 90248  
310-532-3092;  
fax 310-532-8509  
sales@antex.com  
www.antex.com

## Anthion

10550 S Main  
Chatham, IL 62629  
217-483-4499;  
fax 217-483-4743  
anthion@compuserve.com  
www.netguard.net/anthion

## Arboretum Systems

915 Cole St., Suite 387

San Francisco, CA 94117  
650-738-4750

## Argosy Console, Inc.

See studio furniture (pg. 185).  
5687 Precision Ct.  
Osage Beach, MO 65065  
573-348-3333;  
fax 573-348-2769  
info@argosyconsole.com  
www.argosyconsole.com

## Armadillo Enterprises

15251 Roosevelt Blvd., #206  
Clearwater, FL 33760  
727-796-8868;  
fax 727-797-9448  
MIDI@armadilloent.com  
www.armadilloent.com

## Ars Nova Software

See music notation software (pg. 163), and educational music software (pg. 165).  
P.O. Box 637  
Kirkland, WA 98083  
425-889-0927;  
fax 425-889-8699  
info@ars-nova.com

## ART (Applied Research and Technology, Inc.)

See alternate MIDI controllers (pg. 36), effects processors (pg. 86), equalizers (pg. 98), dynamics processors (pg. 92), and mic preamps (pg. 143).  
215 Tremont St.  
Rochester, NY 14608  
716-436-2720;  
fax 716-436-3942  
artroch@aol.com  
www.artroch.com

## ASA Case Division

See studio furniture (pg. 185).  
4375 Prado, #103  
Corona, CO 91720  
909-738-8222;  
fax 909-738-8221

## Ashly Audio, Inc

See equalizers (pg. 98), power amps (pg. 177), mixers (pg. 113), and dynamics processors (pg. 92).  
847 Holt Rd.  
Webster, NY 14850-9103  
716-872-0010;  
fax 716-872-0739  
info@ashly.com  
www.ashly.com

## ATC Studio Monitors

See monitors and computer speakers (pg. 128), and power amps (pg. 176).  
43 Deerfield Rd.  
Portland, ME 04101-1805  
207-773-2424;  
fax 207-773-2422  
ia@gwi.com

## ATS Sequences

See MIDI files (pg. 172).  
P.O. Box 807  
Valley Stream, NY 11580  
516-256-3545  
ATSEQ@aol.com

## Audio Centron

See mixers (pg. 113), power amps (pg. 176), effects processors (pg. 86), and equalizers (pg. 98).  
See St. Louis Music

## Audio Engineering Associates

See studio furniture (pg. 185), and microphones (pg. 134).  
1029 N. Allen Ave.  
Pasadena, CA 91104  
626-798-9128

## Audio Upgrades

See mic preamps (pg. 143).  
6410 Matilija Ave  
Van Nuys, CA 91401  
818-780-1222;  
fax 818-886-4012  
jwilliams3@earthlink.net  
www.home.earthlink.net/~jwilliams3/

## Audio-Technica

See microphones (pg. 134), mixers (pg. 113), and mic preamps (pg. 143).  
1221 Commerce Dr.  
Stow, OH 44224  
330-686-2600;  
fax 330-686-0719  
pro@atus.com

## AudioControl Industrial

See dynamics processors (pg. 92).  
22410 70th Ave. W  
Mountlake Terrace, WA 98043  
425-775-8461;  
ax 425-778-3166  
info@audiocontrol.com  
www.audiocontrol.com

## Auricle Control Systems

See misc. music software (pg. 172).  
3828 Woodcliff Rd.  
Sherman Oaks, CA 91403  
818-990-8442;  
fax 818-990-0226  
webmaster@auricle.com  
www.auricle.com

## B & W Loudspeakers

See monitors and computer speakers (pg. 128).  
54 Concord St.  
North Reading, MA 01864-2699  
978-664-2870;  
fax 978-664-4109  
timothywatt@compuserve.com  
www.bwspeakers.com

## Bag End Loudspeakers

See monitors and computer speakers (pg. 128).  
22272 N. Pepper Rd., Unit D  
Barrington, IL 60010  
847-382-4550;  
fax 847-382-4551  
info@bagend.com

## Baldwin Piano

See digital pianos and piano

modules (pg. 18).  
422 Wards Comer Rd.  
Loveland, OH 45140-8380  
513-576-4500;  
fax 513-576-4546  
www.pianovelle.com

### **Barbetta Electronics**

See monitor and computer speakers (pg. 128), combo amps (pg. 175), leslie speakers and simulators (pg. 85), mic preamps (pg. 143), equalizers (pg. 98), and dynamics processors (pg. 92).  
5345 Commerce Ave., Ste. 5  
Moorpark, CA 93201  
805-529-3607;  
fax 805-529-0659  
barbetta@earthlink.net  
www.barbetta.com

### **Beatboy Drum Sequences**

See soundware (pg. 58), and MIDI files (pg. 172).  
HCR 1 Box 1A 193  
Lackawaxen, PA 18435  
800-838-2328, 717-685-1338;  
fax 717-685-1573  
beatboytec@aol.com  
www.beatboy.com

### **Behringer**

See Samson

### **Bellari**

See Rolls

### **Benson Audio Labs**

See monitors and computer speakers (pg. 128), and microphones (pg. 134).  
4017 Washington Rd., Ste. 320  
McMurray, PA 15317  
412-914-0575;  
fax 412-914-0571  
bensonaudiolab@prodigy.net

### **Beyerdynamic, Inc.**

See studio furniture (pg. 185), and microphones (pg. 134).  
56 Central Ave.  
Farmingdale, NY 11735  
516-293-3200;  
fax 516-293-3288  
salesusa@beyerdynamic.com

### **BIAS, Inc**

See digital audio processing software (pg. 151), and plug-in

software for digital audio (pg. 157).  
1370 Industrial Ave., Ste. A  
Petaluma, CA 94952  
415-331-2446;  
fax 415-331-2446

### **Big Briar, Inc.**

See synths (pg. 8), MIDI retrofits (pg. 48), effects processors (pg. 86), and alternate MIDI controllers (pg. 36).  
554C Riverside Dr.  
Asheville, NC 28801  
800-948-1990, 828-251-0090;  
fax 828-254-6233  
www.bigbriar.com

### **Big Fish Audio**

See soundware (pg. 58).  
11003 Penrose St., Ste. C  
Sun Valley, CA 91352  
818-768-6115; fax 818-768-4117  
info@bigfishaudio.com

### **Bitheadz**

See synthesizers and sound modules (pg. 8).  
4400 Capitola Rd.  
Capitola, CA 95010  
831-465-9898;  
fax 831-465-9899  
info@bitheadz.com  
www.bitheadz.com

### **BPM Microphones**

See microphones (pg. 134).  
PMI Audio  
23773 Madison St.  
Torrance, CA 90505  
310-373-9129;  
fax 310-373-4714  
meekman@joemeek.com  
www.pmiaudio.com

### **Caig Laboratories, Inc.**

See acoustic treatment materials (pg. 188).  
16744 West Bernardo Dr.  
San Diego, CA 92127-1904  
619-451-1799;  
fax 619-451-2799  
caig123@aol.com  
www.caig.com

### **Cakewalk Music Software**

See misc music software (pg. 172), music notation software

(pg. 163), sequencing software (pg. 161), digital audio multitrack recording programs (pg. 143), and plug-in software for digital audio (pg. 157).  
5 Cambridge Center  
Cambridge, MA 02142  
888-225-9256;  
fax 617-441-7870  
sales@cakewalk.com  
www.cakewalk.com

### **Calrec**

See dynamics processors (pg. 92), mic preamps (pg. 143), and equalizers (pg. 98).  
43 Deerfield Rd.  
Portland, OR 04101  
207-773-2424;  
fax 207-773-2422  
ia@gwi.com

### **Cameo International**

See plug-in software for digital audio (pg. 157).  
Cameo International  
464 Monterey Blvd., 2nd Floor  
Los Gatos, CA 95030  
888-332-2636;  
fax 408-399-0036  
info@cameoworld.com  
www.cameoworld.com

### **Catovah Arts**

See misc. music software (pg. 172).  
24690 W. Saddle Peak Rd.  
Malibu, CA 90265  
310-456-2207;  
fax 310-456-2207  
ctvh@earthlink.net  
www.catovah.com

### **Cedar Audio USA**

See dynamics processors (pg. 92).  
43 Deerfield Rd.  
Portland, ME 04101  
207-828-0024

### **Cesium Sound**

See soundware (pg. 58), and misc. music software (172).  
2034A Blake St.  
Berkeley, CA 94704  
510-548-6193;  
fax 510-704-0748

### **Clavia**

See synthesizers and sound modules (pg. 8), and electronic

drums and drum sets (pg. 81).  
Dist by Armadillo Enterprises  
**Clearsonic Manufacturing**  
See acoustic treatment materials (pg. 188).  
1832-B Akron-Peninsula Rd.  
Akron, OH 44313  
330-928-4024;  
fax 330-928-6158  
www.clearsonic.com

### **W.D. Coakley**

See soundware (pg. 58).  
913 Fifth Ave. South  
Lake Worth, CA 33460  
800-742-6625;  
fax 561-547-8205  
WDCo@aol.com  
www.williamcoakley.com

### **Coda Music Technology**

See notation software (pg. 163).  
6210 Bury Drive  
Eden Prairie, MN 55346  
800-843-2066;  
fax 612-937-9760  
finalesales@codamusic.com  
www.codamusic.com

### **Coles Electroacoustics**

See microphones (pg. 134).  
43 Deerfield Rd.  
Portland, ME 04101  
207-773-2424;  
fax 207-773-2422  
ia@gwi.com

### **Crane Song**

See dynamics processors (pg. 92).  
2117 East 5th St.  
Superior, WI 54880  
715-398-3627;  
fax 715-398-3279  
www.cranesong.com

### **Creamware US, Inc.**

See audio interfaces (pg. 105), digital audio processing software (pg. 151), plug-in software for digital audio (pg. 157), and synthesizers and sound modules (pg. 8).  
446 Harrison St.  
Sumas, WA 98295  
800-899-1939;  
fax 605-435-9937  
info@creamware.com

www.creamware.com

### **Crown International**

See power amps (pg. 178), microphones (pg. 134), and misc. music software (pg. 172).  
1718 W. Mishawaka Rd.  
Elkhart, IN 46517  
219-294-8000;  
fax 219-294-8250

### **dbx**

See dynamics processors (pg. 92).  
8760 South Sandy Parkway  
Sandy, UT 84070  
801-568-7660;  
fax 801-568-7662

### **DDA**

See mixers (pg. 113).  
600 Cecil St.  
Buchanan, MI 49107  
616-695-4750;  
fax 616-695-0470  
www.ddaconsole.com

### **Desper/Spatializer**

See plug-in software (pg. 157).  
20700 Ventura Blvd.,  
Woodland Hills, CA 91364-2357  
818-227-3370;  
fax 818-227-9750  
www.spatializer.com

### **Diemer Musical Electronics**

See sequencing software (pg. 161).  
12814 Landale St.  
Studio City, CA 91604-1351  
818-762-0804

### **Digidesign**

See computer-based multitrack hard disk recording systems (pg. 121), plug-in software for digital audio (pg. 157), audio interfaces (pg. 105), misc music software (pg. 172), MIDI processors (pg. 46), and digital audio processing software (pg. 151).  
3401-A Hillview Ave.  
Palo Alto, CA 94304  
650-842-7900;  
fax 650-842-7999  
www.digidesign.com

### **Digital Audio Labs**

See audio cards (pg. 109), and

computer-based multitrack hard disk recording systems (pg. 121).  
13705 26th Ave. N  
Plymouth, MN 55441  
612-559-9098;  
fax 612-559-0124  
dalinfo@digitalaudio.com  
www.digitalaudio.com

### **Digital Audio Research Ltd.**

See stand-alone modular digital multitrack recorders (pg. 123), and computer-based multitrack hard disk recording systems (pg. 121).  
2 Silverglade Business Park,  
Leatherhead Rd.  
Chessington, Surrey 1LT9 2QL,  
UK  
+44 (0) 1372742848;  
fax +44 (0) 1372743532  
mail@dar.uk.com  
www.dar.uk.com

### **Digital Designs**

See monitors and computer speakers (pg. 128).  
912 North Classen  
Oklahoma City, OK 73106  
405-239-2800;  
fax 405-239-7100  
sales@digitaldesignaudio.com  
www.ddaudio.com

### **Digital Music Corporation**

See MIDI processors (pg. 46).  
1320-A Industrial Ave.  
Petaluma, CA 94952  
800-986-6696  
info@voodeolab.com  
www.voodeolab.com

### **Digitech**

See effects processors (pg. 88).  
8760 S. Sandy Parkway  
Sandy, UT 84070  
801-566-8800;  
fax 801-566-7005  
customer@digitech.com

### **Dimension Arc**

See sequencing software (pg. 161).  
425 Carroll St., #499  
Vancouver, B.C., Canada V6B 6E3  
604-664-0403  
www.dimensionarc.com

**Discovery Firm, Inc.**

See soundware (pg. 58).  
20695 S. Western Ave., #242  
Torrance, CA 90501  
310-781-1333, 888-544-3476;  
fax 310-781-1330  
dis@discoveryfirm.com  
www.discoveryfirm.com  
6F 2-27-11 Sekimachi-Kita  
Nerima, Tokyo, Japan 1770051  
81-3-5991-1110;  
fax 81-3-5991-1120  
dis@692.50-net.or.jp

**Dissidents**

See editor/librarian software  
(pg. 170), and digital audio  
processing software (pg. 151).  
10325 Woods Rd.  
Utica, NY 13502-6723  
315-797-0343

**DOD Electronics**

See dynamics processors (pg.  
92), equalizers (pg. 98), foot  
pedals and foot switches (pg.  
192), acoustic treatment  
materials (pg. 188), effects  
processors (pg. 86), mixers (pg.  
113).  
8760 S. Sandy Parkway  
Sandy, UT 84070  
800-777-3637, 801-566-8800;  
fax 801-566-7005

**Doepfer**

See keyboard controllers (pg.  
38), MIDI processors (pg. 46),  
MIDI sequencers (pg. 45), and  
synthesizers and sound  
modules (pg. 8).  
9405 Burt St., Ste. 25  
Omaha, NE 68114  
402-398-0198;  
fax 402-398-0198  
www.doepferusa.com

**DPA/TGI Inc.**

See microphones (pg. 134).  
300 Gage Ave., Ste. 1  
Kichener, ON N2M 2C8  
519-745-1158;  
fax 519-745-2364

**DUY S.A.**

Dist. by Cameo International

**Dynaudio Acoustics**

See monitors and computer  
speakers (pg. 128).  
357 Liberty St.

Rockland, PA 02370  
781-982-2626;  
fax 781-982-2625  
axi@aximarketing.com  
www.aximarketing.com  
Suerigesuet 15  
Skanderborg, Denmark,  
DK-8660  
+45-86-52-3411;  
fax +45-86-52-3116  
dynaudio@intranet.dk  
www.dynaudioacoustics.com

**E-mu Systems**

See audio cards (pg. 109),  
samplers (pg. 52), and  
soundware (pg. 58).  
1600 Green Hills Rd.  
Scotts Valley, CA 95067-0015  
408-438-1921;  
fax 408-438-8612

**East-West  
Communications, Inc.**

See soundware (pg. 58),  
samplers (pg. 52).  
P.O. Box 16857  
Beverly Hills, CA 90209  
800-833-8339, 323-656-4135;  
fax 323-656-4457  
sales@eastwestsounds.com  
www.soundsonline.com

**Ebtech**

See dynamics processors  
(pg. 92).  
9265 Dowdy Dr., #110  
San Diego, CA 92126  
619-271-9001, sales:619-271-  
7732; fax 619-271-9079

**Eccentric Software**

See misc. music software  
(pg. 172).  
P.O. Box 2777  
Seattle, WA 98111-2777  
800-436-6758;  
fax 206-760-9548  
xcentric@aol.com  
www.eccentricsoftware.com

**Edirol Corporation**

See synthesizers and sound  
modules (pg. 8), mixers (pg.  
113), audio interfaces (pg. 105),  
keyboard controllers (pg. 38),  
monitors and computer  
speakers (pg. 128), foot pedals  
and foot switches (192),  
microphones (pg. 134), MIDI  
processors (pg. 46), and

personal digital studios  
(pg. 124).  
808 Harrison Ave., Ste. 2010  
P.O. Box 4919  
Blaine, WA 98231-4919  
800-380-2580;  
fax 360-332-4405  
edirol@edirol.com  
www.edirol.com

**Electro-Voice Inc.**

See monitors and computer  
speakers (pg. 128), microphones  
(pg. 134), mixers (pg. 113),  
equalizers (pg. 98), and power  
amps (pg. 176).  
600 Cecil St.  
Buchanan, MI 49107  
616-695-6831;  
fax 616-695-1304  
www.electrovoice.com

**Electronic  
Courseware Systems**

See educational music software  
(pg. 165).  
1210 Lancaster Dr.  
Champaign, IL 61821  
800-832-4965;  
fax 217-359-6578  
sales@ecsmidia.com  
www.ecsmidia.com

**Emagic**

See digital audio multitrack  
recording programs (pg. 143),  
audio cards (pg. 109), MIDI  
processors (pg. 46), and  
editor/librarian software (pg.  
170).  
13348 Grass Valley Ave., Bldg.  
C, Ste.100  
Grass Valley, CA 95945  
530-477-1051;  
fax 530-477-1052  
info@emagicusa.com  
www.emagic.de  
Halstenbeker Weg 96  
Rellingen, Germany, D-25462  
+49 (0) 4101 495-0;  
fax +49 (0) 4101 495-199  
info@emagic.de  
www.emagic.de

**eMedia Corp.**

See educational music software  
(pg. 165).  
Ingram Micro, Micro Central  
2403 E. Aloha St.  
Seattle, WA 98112  
206-329-5657;

fax 206-329-0235  
BarlStr@aol.com  
www.emedia.org

**Empirical Labs**

See dynamics processors  
(pg. 92).  
See Waves Distribution

**Ensoniq**

See computer-based multitrack  
hard disk recording systems  
(pg. 121), samplers (pg. 52),  
and synthesizers and sound  
modules (pg. 8).  
155 Great Valley Parkway  
Malvern, PA 19355  
610-647-3930;  
fax 610-647-8908  
salp@ensoniq.com  
www.ensoniq.com

**Encore Electronics**

See programmable control  
devices (pg. 41), MIDI  
processors (pg. 48), MIDI  
retrofits (pg. 48).  
611 Laird Lane  
Lafayette, CA 94549  
925-229-8875;  
fax (925)229-8875  
sales@encoreelectronics.com  
www.encoreelectronics.com

**Encore Electronics**

See MIDI retrofits (pg. 48), and  
MIDI processors (pg. 46).  
611 Laird Lane  
Lafayette, CA 94549  
925-229-8875;  
fax 925-229-8875  
sales@encoreelectronics.com  
www.encoreelectronics.com

**Equitech**

See power distributors  
(pg. 189).  
P.O. Box 249  
Selma, OR 97538  
541-597-4448;  
fax 541-597-4099  
www.equitech.com

**Erato Software**

See music notation software  
(pg. 163).  
P.O. Box 526278  
Salt Lake City, UT 84152-6278  
801-328-0500

**Esoteric Sound**

See audio patch bays (pg. 128),  
dynamics processors (pg. 92),  
and equalizers (pg. 98).  
4813 Wallbank Ave.  
Downers Grove, IL 60515  
630-960-9137;  
fax 630-960-9137  
EsotericTT@aol.com  
www.esotericsound.com

**ETA Systems**

See power distributors (pg.  
189).1532 Enterprise Parkway  
Twinsburg, OH 44087  
330-425-3388;  
fax 330-425-9700  
eta@etasys.com  
www.etasys.com

**Event Electronics**

See audio interfaces (pg. 109),  
monitors and computer  
speakers (pg. 128), mic  
preamps (pg. 143), plug-in  
software for digital audio (pg.  
157), and microphones  
(pg. 134).  
P.O. Box 4189  
Santa Barbara, CA 93410-4189  
805-566-7777;  
fax 805-566-7771  
info@event1.com  
www.event1.com

**Eventide, Inc.**

See effects processors (pg. 86).  
One Alsan Way  
Little Ferry, NJ 07643  
201-641-1200;  
fax 201-641-1640  
audio@eventide.com  
www.eventide.com

**Evolution**

See educational music software  
(pg. 165), and keyboard  
controllers (pg. 38).  
Thinkware  
345 4th St.  
San Francisco, CA 94107  
800-369-6191, 415-777-9876;  
fax 415-777-2972  
sales@thinkware.com  
www.thinkware.com  
8 Church Square  
Leighton Buzzard, Beds,  
England LU7 7AE  
+44 1525 372621;  
fax +44 1525 383228  
sales@evolution.co.uk

www.evolution.co.uk

**Explorer Music  
Group**

See educational music software  
(pg. 165).  
2220 Foster Dr.  
Cumming, GA 30040  
888-832-3766;  
fax 770-889-6593  
Tim@ExplorerMusicGroup.com  
www.ExplorerMusicGroup.com

**F7 Sound and Vision**

See soundware (pg. 58)  
17732 Nathan's Drive  
Tampa, FL 33647  
813-991-4117/f7sound@gte.net  
http://www.f7sound.com

**Farfisa**

Dist. by Music Industries

**Fender Musical  
Instruments**

See mixers (pg. 113), power  
amps (pg. 176), and combo  
amps (pg. 175).  
7975 N Hayden Rd., Ste. C100  
Scottsdale, AZ 85258  
602-596-9690;  
fax 602-596-1384  
www.fender.com

**Five Pin Press**

See MIDI files (pg. 172).  
Joel Sampson MIDI Source  
P.O. Box 550363  
Dallas, TX 75355-0363  
800-726-6434  
joel@joelsampson.com  
www.joelsampson.com/fivepinpr  
ess.html

**Flight Form Cases**

See studio furniture (pg. 185).  
5950 - 192nd St., NE  
Arlington, WA 98223  
800-657-1199;  
fax 360-435-5144  
BStanson@flightform.com  
www.flightform.com

**Focusrite Audio**

See mic preamps (pg. 143),  
equalizers (pg. 98), and  
dynamics processors (pg. 92).  
80 Sea Ln.  
Farmingdale, NY 11735  
516-249-1399;  
fax 516-753-1020

suea@g1tld.com

### Fostex

See audio interfaces (pg. 105), monitors and computer speakers (pg. 128), stand-alone modular digital multitrack recorders (pg. 123), dat recorders (pg. 121), and cd-r recorders (pg. 126).  
15431 Blackburn Ave.  
Norwalk, CA 90650  
562-921-1112;  
fax 562-902-1964  
info@fostex.com  
www.fostex.com

### Frontier Design

See soundcards (pg. 109), audio interfaces (pg. 105), and computer-based multitrack hard disk recording systems (pg. 121).  
199 Heater Rd.  
Lebanon, NH 03766  
800-928-3236;  
fax 603-448-6398  
info@frontierdesign.com  
www.frontierdesign.com

### Ron Fry's Custom Sequences

See MIDI Files (pg. 172).  
23 N. Daisy Ave.  
Highland Springs, VA 23075  
804-737-1883  
seqron@juno.com

### Furman Sound, Inc.

See power distributors (pg. 189), dynamics processors (pg. 92), mixers (pg. 113), audio patch bays (pg. 126), power amps (pg. 176), audio interfaces (pg. 105), and equalizers (pg. 98).  
1997 S. McDowell Blvd.  
Petaluma, CA 94954  
707-763-1010;  
fax 707-763-1310  
info@furmansound.com  
www.furmansound.com

### Gadget Labs, Inc.

See digital audio processing software (pg. 151), plug-in software for digital audio (pg. 157), audio interfaces (pg. 105), and digital audio multitrack recording programs (pg. 143).  
333 SW 5th Ave., Ste. 202

Portland, OR 97203  
503-827-7371;  
fax 404-685-0922  
info@gadgetlabs.com  
www.gadgetlabs.com

### Gemini Sound Products Corp.

See samplers (pg. 52), power amps (pg. 176), power distributors (pg. 189), mixers (pg. 113), and equalizers (pg. 98).  
8 Germak Dr.  
Carteret, NJ 07008  
800-476-8633;  
fax 732-969-9090  
www.geminiidj.com

### Genelec, Inc.

See monitors and computer speakers (pg. 128).  
7 Tech Circle  
Natick, MA 01760  
508-652-0900;  
fax 508-652-0909  
genelec@compuserve.com  
www.genelec.com

### Generalmusic Corp.

See synthesizers and sound modules (pg. 8), digital pianos and piano modules (pg. 18), portable keyboards (pg. 28).  
1164 Tower Lane  
Bensenville, IL 60106  
630-766-8230;  
fax 630-766-8281  
gmail@generalmusicus.com  
www.generalmusic.com

### George L's Cables

See cables (pg. 192).  
P.O. Box 238  
Madison, TN 37116  
615-868-6976;  
fax 615-868-9637  
www.georgels.com

### Grace Design

See mic preamps (pg. 143).  
P.O. Box 204  
Boulder, CO 80306  
303-443-7454;  
fax 303-444-4634

### Greysounds Sound Development

See soundware (pg. 58).  
18535 Devonshire St., #440  
Northridge, CA 91324

818-882-1218, 800-266-3475;  
fax 818-349-0115  
info@greysounds.com  
www.greysounds.com

### Group One Ltd.

80 Sea Lane  
Farmingdale, NY 11735  
516-249-1399;  
fax 516-753-1020

### GT Electronics

See microphones (pg. 134).  
A division of Alesis.

### Hammond/Suzuki USA, Inc.

See Leslie speakers and simulators (pg. 85), and digital organs and organ modules (pg. 18).  
733 Annoreno Dr.  
Glendale Heights, IL 60101  
630-543-0277;  
fax 630-543-0279

### Harmonic Vision, Inc.

See educational music software (pg. 165).  
906 University Pl.,  
Evanston, IL 60201  
800-644-4994;  
fax 847-467-3008  
maestromax@harmonicvision.com  
www.harmonicvision.com

### Hoffmann Amplification

See power amps (pg. 176).  
12109 Menlo Ave.  
Hawthorne, CA 90250  
310-644-7852;  
fax 310-644-7852  
Hoffmann@earthlink.net

### Hot House Professional Audio

See power amps (pg. 176).  
275 Martin Ave.  
Highland, NY 12528  
914-691-6077;  
fax 914-691-6822

### Hotz Interactive

See sequencing software (pg. 161), misc. software (pg. 172).  
30343 Canwood Street,  
Suite 206  
Agoura Hills, CA 91301  
818-735-5710;

fax 818-735-5720

www.hotz.com

### IK Multimedia

Dist. by ILIO Entertainments

### ILIO Entertainments

See soundware (pg. 58), alternate controllers (pg. 35), editor/librarian software (pg. 170).  
P.O. Box 6211  
Malibu, CA 90265  
800-747-4546, 818707-7222;  
fax 818-707-8552  
ilioinfo@ilio.com  
www.ilio.com

### Imaja

See educational music software (pg. 165), and misc. music software (pg. 172).  
P.O. Box 6386  
Albany, CA 94706  
510-526-4621;  
fax 510-559-9571  
software@imaja.com  
www.imaja.com

### Innovative Quality Software

See digital audio multitrack recording programs (pg. 143).  
4680 S. Eastern Ave., Ste. D  
Las Vegas, NV 89119-6192  
702-435-9077;  
fax 702-435-9106

### Intelix Corporation

See mixers (pg. 113).  
8001 Terrace Ave.  
Middleton, WI 53562  
608-831-0880;  
fax 608-831-1833  
intelix@intelix.com  
www.intelix.com

### Intelligent Devices, Inc.

See plug-in software for digital audio (pg. 157), and digital audio processing software (pg. 151).  
7 Hickory Ridge  
Baltimore, MD 21228  
410-744-3044;  
fax 410-788-6370  
sales@intdevices.com  
www.intdevices.com

### Interactive Entertainment

See power amps (pg. 176).  
275 Martin Ave.  
Highland, NY 12528  
914-691-6077;  
fax 914-691-6822

### JBL Professional

See monitors and computer speakers (pg. 128), equalizers (pg. 98), combo amps (pg. 175), power amps (pg. 176), and dynamics processors (pg. 92).  
8500 Balboa Blvd  
Northridge, CA 91329  
800-852-5776;  
fax 818-830-1220  
www.jblpro.com

### Jensen Transformers, Inc.

See audio interfaces (pg. 105).  
7135 Hayvenhurst Ave.  
Van Nuys  
CA, 91406 818-374-5857  
818-763-4574;  
fax info@jensen-transformers.com  
www.jensen-transformers.com

### JKJ Electronics

See MIDI retrofits (pg. 48).  
164 Groton Rd.  
Westford, MA 01886  
978-692-0675;  
fax 978-692-0675  
www.tiac.net/users/jkielec

### JL Cooper Electronics

See programmable control devices (pg. 41), misc music software (pg. 172), dat recorders (pg. 121), and MIDI processors (pg. 46).  
142 Arena St.  
El Segundo, CA 90245  
310-322-9940;  
fax 310-335-0110  
sales@jlcooper.com  
www.jlcooper.com

### Joe Meek

See mic preamps (pg. 143).  
23773 Madison St.  
Torrance, CA 90505  
310-373-9129;  
fax 310-373-4714  
meekman@joemeek.com  
www.joemeek.com

### Johnson Amplification

See combo amps (pg. 175).  
8760 S. Sandy Parkway  
Sandy, UT 84070

### Juice Goose

See power distributors (pg. 189).  
7320 Ashcroft, #104  
Houston, TX 77081  
713-772-1404;  
fax 713-772-7360  
info@juicegoose.com

### Jump! Music

See educational music software (pg. 165).  
201 San Antonio Circle, Ste. 201  
Mountain View, CA 94040  
650-917-7460;  
fax 650-917-7490

### The Karnataka Group

See synthesizers and sound modules (pg. 8).  
Blackfriars Foundry, 156  
Blackfriars  
London, UK SE1 8EN  
+441-717217021;  
fax +441-717217109

### Kawai America Corp.

See keyboard controllers (pg. 38), soundware (pg. 58), programmable control devices (pg. 41), equalizers (pg. 98), mixers (pg. 113), MIDI sequencers (pg. 45), portable keyboards (pg. 28), synthesizers and sound modules (pg. 8), digital pianos and piano modules (pg. 18), and effects processors (pg. 86).  
2055 E. University Dr.  
Compton, CA 90220  
310-631-1771;  
fax 310-604-6913  
electric@kawaius.com  
www.kawaius.com

### KBA Software

See educational music software (pg. 165).  
41 West Main St.  
Morgantown, WV 26501  
304-2960456  
htrythai@www.edu  
www.musicstudy.com

**Keyfax Software**

See soundware (pg. 58), programmable control devices (pg. 41), and MIDI files (pg. 172).  
P.O. Box 958  
Aptos, CA 95001-0958  
831-460-0172;  
fax 831-460-0173  
sales@keyfax.com

**Klark Teknik**

See equalizers (pg. 98), dynamics processors (pg. 92), and effects processors (pg. 86).  
600 Cecil St.  
Buchanan, MI 49107  
616-695-4750;  
fax 616-695-0470  
www.klarkteknik.com  
Klark Industrial Park, Walter Nash Rd.  
Kidderminster, England, DY11 7HU  
+44-1562-714515;  
fax +44-1562-745371  
www.klarkteknik.com

**Korg, Inc.**

See synthesizers and sound modules (pg. 8), foot pedals and foot switches (pg. 192), keyboard controllers (pg. 38), portable keyboards (pg. 28), digital pianos and piano modules (pg. 18), stand-alone modular digital multitrack recorders (pg. 123), monitors and computer speakers (pg. 128), audio interfaces, and effects processors (pg. 86).  
316 South Service Rd.  
Melville, NY 11747  
516-333-9100;  
fax 516-333-9108  
product\_support@korgusa.com  
www.korg.com

**KRK Monitoring**

See monitors and computer speakers (pg. 128)  
16618 Burke Ave.  
Huntington, CA 92647

**Kurzweil Music Systems**

See synthesizers and sound modules (pg. 8), digital pianos and piano modules (pg. 18), keyboard controllers (pg. 38), samplers (pg. 52), audio

interfaces (pg. 105), and programmable control devices (pg. 41).  
9501 Lakewood Dr. SW  
Lakewood, WA 98499-0995  
253-589-3200;  
fax 253-588-6809  
kurzweil@aol.com  
www.youngchang.com/kurzweil

**Lectrosonics, Inc.**

See mixers (pg. 113).  
581 Laser Rd. NE  
Rio Rancho, NM 87124  
505-892-4501;  
fax 505-892-6243  
sales@lectro.com  
www.lectro.com

**Lexicon**

See computer-based multitrack hard disk recording systems (pg. 121), plug-in software for digital audio (pg. 157), audio interfaces (pg. 105), effects processors (pg. 86), and power amps (pg. 176).  
3 Oak Park  
Bedford, MA 01730  
781-280-0300;  
fax 781-280-0490  
info@lexicon.com

**Line 6**

See plug-in software for digital audio (pg. 157), and effects processors (pg. 86).  
11260 Playa Ct  
Culver City, CA 90230  
310-390-5956;  
fax 310-390-1713  
sales@line6.com  
www.line6.com

**Littlite/CAE**

See studio furniture (pg. 185).  
P.O. Box 430  
Hamburg, MA 48139  
810-231-9373;  
fax 810-231-1631  
llite@caeinc.com  
www.caeinc.com

**Lucid Technology**

See audio interfaces (pg. 105), and audio cards (pg. 109).  
14926 35th Ave. W  
Lynnwood, WA 98037  
425-742-1518;  
fax 425-742-0564  
lucid@lucidtechnology.com

www.lucidtechnology.com

**Mackie Designs, Inc.**

See mixers (pg. 113), monitors and computer speakers (pg. 128), power amps (pg. 179), and MIDI processors (pg. 46).  
16220 Wood-Red Rd. NE  
Woodinville, WA 98072  
425-487-4333;  
fax 425-487-4337  
sales@mackie.com  
www.mackie.com

**Madeira Software**

See educational music software (pg. 165).  
398 Essex St.  
Beverly, MA 01915  
978-922-0189;  
fax 978-921-2636  
info@screendance.com  
www.screendance.com

**Per Madsen Design**

See studio furniture (pg. 185).  
P.O. Box 882464  
San Francisco, CA 94188  
415-822-4883;  
fax 415-822-4873  
permdas@aol.com

**Maestro Music**

See educational music software (pg. 165).  
2403 San Mateo, NE, Ste. P-1  
Albuquerque, NM 87110  
505-881-9181;  
fax 505-881-9181  
www.wrldcon.com/maestro

**Manley Laboratories, Inc.**

See dynamics processors (pg. 92), effects processors (pg. 86), equalizers (pg. 98), mic preamps (pg. 143), microphones (pg. 134), and power amps (pg. 176).  
13880 Magnolia Ave.  
Chino, CA 91710  
909-627-4256;  
fax 909-628-2482  
emanley@manleylabs.com  
www.manleylabs.com

**Mark of the Unicorn**

See MIDI processors (pg. 46), sequencing software (pg. 161), digital audio multitrack recording programs (pg. 143),

audio interfaces (pg. 105), and music notation software (pg. 163).  
1280 Massachusetts Ave.  
Cambridge, MA 02138  
617-576-2760  
fax 617-576-3609

**Martech**

1151 W. Valley Blvd.  
Alhambra, CA 91803  
626-281-3555;  
fax 626-284-3092  
chwalsh@msn.com  
www.martinsound.com

**Martin Sound**

See mic preamps (pg. 128), and effects processors (pg. 86)  
1151 W. Valley Blvd.  
Alhambra, CA 91803  
626-281-3555;  
fax 626-284-3092  
chwalsh@msn.com  
www.martinsound.com

**Masterbits**

See soundware (58).  
16526 W. 78th St., Ste. 356  
Eden Prairie, MN 55346  
612-975-9428, 888-678-2487;  
fax 612-975-9429  
mbitsusa@aol.com  
www.masterbits.de  
Postfach 1411  
Wildhausen, Germany, 27781  
+44-4431-1797;  
fax +49-4431-72355  
masterbits@aol.com  
www.masterbits.de

**Matrix Productions**

See soundware (pg. 58).  
3203 W. Sylvan Ln.  
Peoria, IL 61615

**Mediatrix Peripherals Inc.**

See soundcards (pg. 109).  
U.S. dist. by Tracer  
4229 Garlock St.  
Sherbrooke, Quebec/Canada  
J1L 2C8  
819-829-8749, 800-820-8749;  
fax 819-829-5100  
sales@mediatrix.com

**Metalithic Systems**

See digital audio multitrack recording programs (pg. 143), digital audio processing

software (pg. 151), computer-based multitrack hard disk recording systems (pg. 121), and audio cards (pg. 109).  
3 Harbor Dr., Ste. 206  
Sausalito, CA 94965  
415-332-2690, 800-550-1255;  
fax 415-332-6735  
info@metalithic.com  
www.metalithic.com

**Metric Halo Laboratories**

841 South Rd.  
Poughkeepsie, NY 12601  
914-298-0451;  
fax 914-298-4089  
in-foo@mhlabs.com  
www.mhlabs.com

**Meyer Sound Laboratories, Inc.**

See monitors and computer speakers (pg. 128).  
2832 San Pablo Ave.  
Berkeley, CA 94702-2204  
510-486-1166;  
fax 510-486-8356  
sales@meyersound.com  
www.meyersound.com

**Mibac Music Software**

See educational music software (pg. 165).  
P.O. Box 468  
Northfield, MN 55057  
800-645-3945;  
fax 507-645-2377  
info@mibac.com  
www.mibac.com

**MicroMat**

See digital audio processing software (pg. 151).  
8868 Lakewood Dr.  
Windsor, CA 95492  
707-837-0444;  
fax 707-837-0209

**MicroSound International**

See synthesizers and sound modules (pg. 8), sequencing software (pg. 161).  
19181 Mesquite Ct.  
Sonoma, CA 95476  
707-939-1566;  
fax 707-939-1578  
www.microsound.com

**MIDI Solutions**

See MIDI processors (pg. 46), programmable control devices (pg. 41), and foot pedals and foot switches (pg. 192).  
P.O. Box 3010  
Vancouver, BC, Canada  
V6B 3X5  
604-739-1341;  
fax 604-794-3396  
info@midisolutions.com

**MIDIMan**

See audio format converters (pg. 111).  
45 East St. Joseph St.  
Arcadia, CA 91006  
800-969-6434, 626-445-2842;  
fax 626-445-7564  
www.midiman.net

**MIDIsoft**

See educational music software (pg. 165), sequencing software (pg. 161), and music notation software (pg. 163).  
1605 NW Sammamish Rd.,  
Ste. 205  
Issaquah, WA 98027  
425-313-3449;  
fax 425-391-3422  
www.midisoft.com

**Miles Technology**

See effects processors (pg. 86), power amps (pg. 176), cables (pg. 192), and mixers (pg. 113).  
1826 S. Third St.  
Niles, MI 49120  
800-280-8572;  
fax 616-683-4499  
info@milestech.com  
www.milestech.com

**Millenia Media**

See dynamics processors (pg. 92), mixers (pg. 113), and equalizers (pg. 98).  
4200 Day Spring Ct.  
Placerville, CA 95667  
530-647-0750;  
fax 530-647-9921  
JL@jps.net  
www.mil-media.com

**Miller and Kreisler**

See monitors and computer speakers (pg. 128).  
10391 Jefferson Blvd.  
Culver City, CA 90232  
310-204-2854;

fax 310-202-8782  
mps@mkound.com  
www.mkound.com

### Minnetonka Software

See digital audio multitrack recording programs (pg. 143).  
17113 Minnetonka Blvd.  
Minnetonka, MN 55345  
819-829-8749;  
fax 819-829-5100  
www.minnetonka.com

### Mixman Technologies

See soundware (pg. 58), misc. music software (pg. 172), and sequencing software (pg. 161).  
850 Montgomery St., Ste. 350  
San Francisco, CA 94133  
888-4MIXMAN, 415-403-1382;  
fax 415-403-1388  
info@mixman.com  
www.mixman.com

### Modular Sound Systems Inc.

Bag End Loudspeakers  
22272 N. Pepper Rd. Unit 0  
Barrington, IL 60010  
847-382-4550;  
fax 847-382-4551  
info@bagend.com  
www.bagend.com

### Motion Sound

See leslie speakers and simulators (pg. 85).  
4426 S. 450 West, Ste. G  
Salt Lake City, UT 84123  
801-265-0917, 801-265-1354;  
fax 801-265-0978  
metsound@aol.com

### Music Industries Corp.

See synthesizers and sound modules (pg. 8), keyboard controllers (pg. 38), portable keyboards (pg. 28), digital pianos and piano modules (pg. 18), alternate MIDI controllers (pg. 36), digital organ and organ modules (pg. 30), and foot pedals and switches (pg. 192).  
99 Tulip Ave., Ste. 101  
Floral Park, NY 11001  
516-352-4110;  
fax 516-352-0754

www.musicindustries.com

### Music Interface Technologies

See power distributors (pg. 189), and studio furniture (pg. 185).  
13620 Lincoln Way  
Auburn, CA 95603  
530-888-0394;  
fax 530-888-0783

### Musicator

See sequencing software (pg. 161), digital audio multitrack recording programs (pg. 143), and music notation software (pg. 163).  
P.O. Box 73793  
Davis, CA 95617  
530-759-9424;  
fax 530-759-8852  
musicator@musicator.com  
www.musicator.com

### Musicware, Inc.

See music notation software (pg. 163), and educational music software (pg. 165).  
8654 154th Ave. NE  
Redmond, WA 98052  
800-997-4266;  
fax 425-881-9664  
sales@musicwareinc.com

### Musitek

See music notation software (pg. 163).  
410 Bryant Circle, Ste. K  
Ojai, CA 93203-4200  
805-646-8051;  
fax 805-646-8099

### Mutronics Ltd.

See effects processors (pg. 86).  
27 Britton St.  
London, EC1M 5NQ  
+44 (0) 171-608-3636;  
fax +44 (0) 171-490-0474  
sarah@theaudionet-ltd-uk  
www.mutronics.co.uk/mutronics

### Native Instruments

See synthesizers and sound modules (pg. 8).  
6477 Almaden Expressway,  
Ste. 02-F8  
San Jose, CA 95120  
800-665-0030;  
fax 408-266-6591  
ni4usa@aol.com

www.native-instruments.com

### Nemesys

See samplers (pg. 52), digital audio processing software (pg. 152).  
Dist. by East-West.

### Neotek, a Martinsound Company

See mixers (pg. 113), mic preamps (pg. 143), and effects processors (pg. 86).  
1151 W. Valley Blvd.  
Alhambra, CA 91803  
626-281-3555;  
fax 626-284-3092  
chwalsh@msn.com  
www.martinsound.com

### Netwell Noise Control

See acoustic treatment materials (pg. 188).

6125 Blue Circle Dr.  
Minneapolis, MN 55343  
800-638-9355;  
fax 612-939-9836  
mrustad@asknetwell.com  
www.asknetwell.com

### Neumann USA

See microphones (pg. 134).  
1 Enterprise Dr., P.O. Box 987  
Old Lyme, CT 06437  
860-434-5220;  
fax 860-434-3148  
info@neumannusa.com  
www.neumannusa.com

### Neutrik USA

See audio patch bays (pg. 126).  
195 Lehigh Ave.  
Lakewood, NJ 08701  
732-901-9488;  
fax 732-901-9608  
neutrikusa@aol.com  
www.neutrik.com

### NHT Pro/Vergence Technology

See monitors and computer speakers (pg. 128).  
555 First St., #302  
Benicia, CA 94510  
707-751-0270;  
fax 707-751-0271  
www.nhtpro.com

### Michael Norris

See plug-in software for digital audio (pg. 157)  
1442-A Walnut St., #392  
Berkeley, CA 94709  
510-652-6589

### Northstar Productions

See soundware (pg. 58).  
13716 SE Ramona  
Portland, OR 97236  
503-760-7777;  
fax 503-760-4342  
ns@spiritone.com  
www.northstarsamples.com

### Novation Systems

See synthesizers and sound modules (pg. 8).  
A4 Westcott Business Centre,  
Maidenhead Office Park  
Maidenhead, Berks, England SL6 3RT  
888-782-3166 (US), +44 (1628) 828 880 (UK);  
fax +44 (1628) 828 881  
sales.novation@nova-uk.com  
www.nova-uk.com  
+ 44 (1628) 828 888;  
fax +44 (1628) 825 599

### Oberheim

See effects processors (pg. 86), keyboard controllers (pg. 38), digital organ and organ modules (pg. 30), digital piano and piano modules (pg. 18), and synthesizers and sound modules (pg. 8).  
1050 Acom Dr.  
Nashville, TN 37210  
877-0BERHEIM;  
fax 615-889-5509  
obie@gibson.com  
www.oberheim.com

### Omnirax

See studio furniture (pg. 185).  
P.O. Box 1792  
Sausalito, CA 94966  
800-332-3393, 415-332-3392;  
fax 415-332-2607  
info@omnirax.com  
www.omnirax.com

### Opcode Systems

See MIDI processors (pg. 46), plug-in software for digital audio (pg. 157), digital audio multitrack recording programs

(pg. 143), sequencing software (pg. 161), and editor/librarian software (pg. 170).  
3950 Fabian Way, Ste. 100  
Palo Alto, CA 94303  
650-856-3333;  
fax 650-856-3332  
info@opcode.com  
www.opcode.com

### Oram Professional Audio

See mixers (pg. 113).  
+44 1474 815300;  
fax +44 1474 815400  
salesem@oram.co.uk  
www.aram.co.uk

### Paradigm

See monitors and computer speakers (pg. 128).  
P.O. Box 2410  
Niagara Falls, NY 14302  
905-632-0180;  
fax 905-632-0183  
www.paradigm.com

### Patchman Music

See soundware (pg. 58).  
1600 Saint Charles Ave.  
Lakewood, OH 44107  
216-221-8282  
matteblack@aol.com  
www.patchmanmusic.com

### Peavey Electronics

See keyboard controllers (pg. 38), combo amps (pg. 175), effects processors (pg. 86), MIDI processors (pg. 46), mic preamps (pg. 143), dynamics processors (pg. 92), and synthesizers and sound modules (pg. 8).  
711 A St.  
Meridian, MS 39305  
601-483-5365;  
fax 601-486-1187  
www.peavey.com

### Pefftronics

See effects processors (pg. 86).  
2501 North Loop Dr.  
Ames, IN 50010  
800-548-7333  
peff@pefftronics.com  
www.pefftronics.com

### Personal Composer

See notation software (pg. 165).  
P.O. Box 33016

Tulsa, OK 74153  
918-742-3488;  
fax 918-742-1232  
pcomposer@cmpuserve.com

### PG Music

See misc music software (pg. 172), sequencing software (pg. 161), and digital audio multitrack recording programs (pg. 143).  
29 Cadillac Ave.  
Victoria, BC, Canada V8Z 1T3

### Pintech, Inc.

See electronic drums and drumsets (pg. 81).  
108 Park Place Court, Ste. D  
Greenville, SC 29607  
864-277-1164;  
fax 864-277-5356

### Play Music, Inc.

See educational music software (pg. 165).  
250 Baldwin, Ste. 319  
San Mateo, CA 94401  
650-685-0264

### PlayPro Software Inc.

P.O. Box 5416  
Santa Clara, CA 95056  
408-969-0800;  
fax 408-969-0200

### PMC

See monitors and computer speakers (pg. 128).  
+44 1 707 393002;  
fax +44 1 707 393536  
sales@promonitor.co.uk

### PME Engineering

See MIDI retrofits (pg. 48).  
P.O. Box 23  
E. Amhearst, NY 14051-0023  
716-639-7778;  
fax 716-639-7779

### Power Technology

See effects processors (pg. 86), and hardware equalizers (pg. 98).  
100 Northhill Or., Bldg. 24  
Brisbane, CA 94005  
415-467-7886;  
fax 415-467-7386

### PowerKeys

See sequencing software (pg.

161), misc. music software (pg. 172), and studio furniture (pg. 185).  
 P.O. Box 480248  
 Los Angeles, CA 90048  
 213-655-4282;  
 fax 213-962-8590  
 pkinfo@powerkeys.com  
 www.powerkeys.com

**Precision Analog Systems**

See mic preamps (pg. 143).  
 PO Box 2209  
 Beaverton, OR 97075-3070  
 503-488-5542;  
 fax 503-637-0832

**Pro Tec International**

See studio furniture (pg. 185).  
 184 E. Liberty Ave.  
 Anaheim, CA 92801  
 714-441-0114;  
 fax 800-776-8321  
 sales@ptcases.com  
 www.ptcases.com

**Pro-Rec, Inc**

See soundware (pg. 58).  
 106 E. Liberty Ave.  
 New York, NY 10011  
 212-675-5606;  
 fax 212-627-3148

**Q-Up Arts**

See soundware (pg. 58).  
 1231 E. Warmock Ave.  
 Salt Lake City, UT 84106  
 801-488-0062;  
 fax 801-488-0065  
 Sales Q Up @ aol.com  
 www.quparts.com

**QDesign**

See digital audio processing software (pg. 151).  
 1107 Homer St., Ste. 201  
 Vancouver, BC, Canada V6B 2V1  
 604-688-1525;  
 fax 604-688-1524  
 www.qdesign.com

**QSC Audio, Inc.**

See power amps (pg. 176).  
 1675 MacArthur Blvd.  
 Costa Mesa, CA 92626  
 714-754-6175;  
 fax 714-754-6174  
 info@qscaudio.com  
 www.qscaudio.com

**Radial Engineering (Div. of Cabletek Electronics Ltd.)**

See audio interfaces (pg. 105).  
 114-1585 Broadway  
 Port Coquitlam, BC V3C 2M7  
 604-942-1001;  
 fax 604-942-1010  
 cabletek@sprynet.com  
 www.radialeng.com

**Rane**

See mixers (pg. 113), and equalizers (pg. 98).  
 10802 47th Ave. W  
 Mukilteo, WA 98275-5098  
 425-355-6000;  
 fax 206-347-7757  
 sales@rane.com

**Rarefaction**

PO Box 170023  
 San Francisco, CA 94117  
 415-333-POKE;  
 fax 415-333-5022  
 paul@rarefaction.com  
 http://www.rarefaction.com

**Rarefaction**

See soundware (pg. 58).  
 P.O. Box 170023  
 San Francisco, CA 94117  
 415-333-7653;  
 fax 415-333-5022  
 paul@rarefaction.com  
 www.rarefaction.com

**RePlay Technologies**

See educational music software (pg. 165).  
 P.O. Box 1221  
 Melville, NY 11747  
 516-385-1398;  
 fax 516-385-1398  
 nedr@replayinc.com  
 www.replayinc.com

**Retrospec**

See dynamics processors (pg. 92), and mic preamps (pg. 143).  
 P.O. Box 466  
 Phoenixia, NY  
 12464

**Rising Software**

See educational music software (pg. 165).  
 31 Elmhurst Rd.  
 Blackburn, Australia 3130  
 888-667-7839  
 www.risingsoftware.com

**Rock Solid Sounds**

See monitors and computer speakers (pg. 128).  
 54 Concord St.  
 North Reading, MA 01864

**Rocksonics**

10621 Bloomfield St., Suite #11  
 Los Alamitos, CA 90720  
 562-431-9590;  
 fax 562-431-9590  
 rocksonics@aol.com  
 http://www.rocksonics.com

**Rocktron Systems**

See power amps (pg. 176), alternate MIDI controllers (pg. 36), effects processors (pg. 86), leslie speakers and simulators (pg. 85), combo amps (pg. 175), dynamics processors (pg. 92), and audio interfaces (pg. 105).  
 2870 Technology Dr.  
 Rochester Hills, MI 48309  
 248-853-3055;  
 fax 248-853-5937

**Roland Corp. US**

See effects processors (pg. 86), power amps (pg. 98), percussion controllers (pg. 80), electronic drums and drum sets (pg. 81), percussion sound modules (pg. 81), digital pianos and piano modules (pg. 18), synthesizers and sound modules (pg. 8), portable keyboards (pg. 28), digital organs and organ modules (pg. 30), audio interfaces (pg. 105), samplers (pg. 52), MIDI sequencers (pg. 45), drum machines (pg. 79), mixers (pg. 113), microphones (pg. 134), equalizers (pg. 98), keyboard controllers (pg. 38), combo amps (pg. 175), personal digital studios (pg. 124), and alternate MIDI controllers (pg. 36).  
 7200 Dominion Circle  
 Los Angeles, CA 90040  
 323-685-5141;  
 fax 323-721-4875  
 www.rolandus.com  
 www.rolandgroove.com

**Rolls/Bellari/RFX**

See dynamics processors (pg. 92), mic preamps (pg. 143), effects processors (pg. 86), mixers (pg. 113), equalizers (pg.

98), and power amps (pg. 176).  
 5143 S. Main St.  
 Salt Lake City, UT 84107  
 801-263-9053;  
 fax 801-263-9068

**RPG Diffuser Systems, Inc.**

See acoustic treatment materials (pg. 188).  
 651-C Commerce Dr.  
 Upper Marlboro, MD 20774  
 301-249-0044;  
 fax 301-249-3912  
 info@rpginc.com  
 www.rpginc.com

**Russian Dragon/Jeanius Electronics**

See MIDI processors (pg. 46).  
 2815 Swandale  
 San Antonio, TX 78230  
 210-525-0719;  
 fax 210-366-3300  
 marius@russiandragon.com  
 www.russiandragon.com

**SADiE, Inc.**

See computer-based multitrack hard disk recording systems (pg. 121).  
 1808 West End Ave., Ste. 1119  
 Nashville, TN 37203  
 615-327-1140;  
 fax 615-327-1699  
 www.sadie.com

**Salsa King Enterprises**

See misc. music software (pg. 172).  
 juancruz@coqui.net  
 www.home.coqui.net/juancruz

**Sampleheads, Inc.**

1600 Broadway  
 Suite 704  
 New York, NY 10019  
 212-262-3488;  
 fax 212-262-2009  
 info@sampleheads.com  
 http://www.sampleheads.com

**Sampleheads Inc**

See soundware (pg. 58).  
 1600 Broadway, Ste. 704  
 New York, NY 10019  
 212-262-3488;  
 fax 212-262-2009  
 info@sampleheads.com

www.sampleheads.com

**Samson**

See equalizers (pg. 96), combo amps (pg. 176), power amps (pg. 177).  
 P.O. Box 9031 575 Underhill Blvd.  
 Syosset, NY 11791-9031  
 516-364-2244;  
 fax 516-364-3888  
 sales@samsontech.com  
 www.samsontech.com

**Sascom Marketing Group**

34 Nelson St.  
 Oakville, ON L6L 3H6  
 905-469-8080;  
 fax 905-469-1129  
 sales@sascom.com  
 www.sascom.com

**Sascom Marketing Group**

34 Nelson St.  
 Oakville, ON L6L 3H6  
 905-469-8080;  
 fax 905-469-1129  
 sales@sascom.com  
 www.sascom.com

**SDG Soft**

See educational software (pg. 165).  
 1042 Willow Creek Rd.,  
 AT11-281  
 Prescott, AZ 86301  
 520-717-2296;  
 fax 520-717-2298  
 mail@sdgsoft.com  
 www.sdgsoft.com

**SEK'D**

See digital audio multitrack recording programs (pg. 143), digital audio processing software (pg. 151), computer-based multitrack hard disk recording systems (pg. 121), soundcards (pg. 109), and audio interfaces (pg. 105).  
 407 Stoney Point Rd.  
 Santa Rosa, CA 95401  
 707-578-2023;  
 fax 707-578-2025  
 www.sekd.com

**Sennheiser**

See microphones (pg. 134).  
 1 Enterprise Dr., Box 987

Old Lyme, CT 06371  
 860-434-9190;  
 fax 860-434-9022  
 miclit.sennheiserusa.com  
 www.sennheiserusa.com

**Shadow Electronics**

See alternate MIDI controllers (pg. 36).  
 810 W. Myrtle Ave.  
 Phoenix, AZ 85021  
 602-861-3056

**SHS Audio**

See mixers (pg. 113), monitor and computer speakers (pg. 128), microphones (pg. 134), and power amps (pg. 176).  
 P.O. Box 47038  
 Indianapolis, IN 46247  
 800-475-7686;  
 fax 317-631-7327  
 shs\_audio@msn.com  
 www.shsaudio.com

**Shure Brothers, Inc.**

See microphones (pg. 134), and monitors and computer speakers (pg. 128).  
 222 Hartney St.  
 Evanston, IL 60202-3696  
 847-866-2200;  
 fax 847-866-2279  
 sales@shure.com  
 www.shure.com

**Sibelius Software**

See music notation software (pg. 163).  
 P.O. Box 702628  
 Dallas, TX 75370  
 888-4-SIBELIUS.  
 972-930-9552;  
 fax 972-713-6327  
 infoUSA@sibelius.com  
 www.sibelius.com  
 75 Burleigh St.  
 Cambridge, UK, CB1 10J  
 +44 1223 302765;  
 fax +44 1223 351947  
 www.sibelius.com

**Signal Transport**

See audio patch bays (pg. 126), and studio furniture (pg. 185).  
 3219 Pierce St.  
 Richmond, CA 94804  
 510-528-6039;  
 fax 510-528-6043  
 sales@signaltransport.com  
 www.signaltransport.com

**Sion Software**

See music notation software (pg. 163).  
4497 W 6th Ave.  
Vancouver, BC, Canada  
V6R 1V2  
604-222-2454;  
fax 604-222-4708

**Software Technology Ltd.**

See synthesizers and sound modules (pg. 8).  
23 Lyme Grove  
Romiley, Stockport UK,  
SK6 4DH  
+44 (0) 161 355 1980;  
fax +44 (0) 161-355-1981  
sales@software-  
technology.com  
www.software-technology.com

**Peter Solley**

See MIDI files (pg. 172).  
5532 Lake Tern Ct.  
Coconut Creek, FL 33073

**Sonic Desktop Software**

See digital audio processing software (pg. 151), soundware (pg. 58), and misc. music software (pg. 172).  
P.O. Box 3205  
Chatsworth, CA 91313-3205  
818-718-9999, 800-454-1900;  
fax 818-718-9990  
info@sonicdesktop.com  
www.smartound.com

**Sonic Foundry**

See digital audio processing software (pg. 151), plug-in software (pg. 157).  
754 Williamson St.  
Madison, WI 53703  
608-256-3133;  
fax 608-256-7300  
support@sonicfoundry.com  
www.sonicfoundry.com

**Sonic Reality**

See soundware (pg. 58).  
11684 Ventura Blvd. #409  
Studio City, CA 91604  
818-784-3088;  
fax 818-784-3018  
sreality@westworld.com

**Sonic Science**

See soundware (pg. 58), and

editor/librarian software (pg. 170).  
119 Spadina Ave., Ste. 767  
Toronto, ON M5V 2L1  
800-267-6642, 416-351-9100;  
fax 416-351-0100  
info@sonicscience.com  
www.sonicscience.com

**Sonifex Limited**

See computer-based multitrack hard disk recording systems (pg. 121).  
43 Deefield Rd.  
Portland, ME 04101  
207-773-2424;  
fax 207-773-2422  
ia@gwi.com

**Sonorus, Inc.**

See audio format converters (pg. 111).  
111 East 12th St., 2nd Floor  
New York, NY 10003  
212-253-7700;  
fax 212-253-7701  
info@sonorus.com  
www.sonorus.com

**Sony Electronics, Inc.**

See effects processors (pg. 86), DAT recorders (pg. 121), and personal digital studios (pg. 124).  
1 Sony Dr.  
Park Ridge, NJ 07656

**Sound Performance Labs**

See equalizers (pg. 96).  
1140 Liberty Dr.  
Victoria, BC, Canada V9C 4G7  
250-478-9935;  
fax 250-478-5838  
sales@squest.com

**Sound Quest, Inc.**

See misc. music software (pg. 172), and editor/librarian software (pg. 170).  
1140 Liberty Dr.  
Victoria, BC, Canada V9C 4G7  
250-478-9935;  
fax 250-478-5838  
sales@squest.com

**Soundcraft USA**

See mixers (pg. 113).  
1449 Donelson Pike  
Nashville, TN 37217  
615-3360-0471;

fax 615-360-0273  
soundcraft-usa@harman.com  
www.soundcraft.com

**Soundscape Digital Technology Inc.**

See audio interfaces (pg. 105), computer-based multitrack hard disk recording systems (pg. 121), and MIDI processors (pg. 46).  
4478 Market St., Ste. 704  
Ventura, CA 93003  
805-658-7375;  
fax 805-658-6395  
ssus@west.net  
www.soundscape-digital.com

**Speck Electronics**

See mixers (pg. 113), and equalizers (pg. 98).  
925 S. Main St.  
Fallbrook, CA 92028  
760-723-4281  
www.speck.com

**Spectronics**

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**Spirit by Soundcraft**

See mixers (pg. 113).  
4130 Citrus Ave., #9  
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**SPL Electronics**

See dynamics processors (pg. 92), effects processors (pg. 86), and mic preamps (pg. 143).  
See Beyerdynamic

**St. Louis Music Supply Co.**

1400 Ferguson Ave.  
St. Louis, MO 63133  
314-727-4512;  
fax 314-727-9929

**Starr Labs**

See keyboard controllers (pg. 38), percussion controllers (pg. 80), and alternate MIDI

controllers (pg. 36).  
1717 Fifth Ave.  
San Jose, CA 92101  
619-233-6715;  
fax 619-233-1231

**Steinberg**

See electric drums and drumsets (pg. 81), drum machines (pg. 79), misc. music software (pg. 172), synthesizers and sound modules (pg. 8), plug-in software for digital audio (pg. 157), sequencing software (pg. 161), digital audio processing software (pg. 151), mixers (pg. 113), and programmable control devices (pg. 41).  
21354 Nordoff St., Ste. 110  
Chatsworth, CA 91311  
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fax 818-701-7452  
info@steinberg-na.net  
www.us.steinberg.net

**Studio Technologies, Inc.**

See mic preamps (pg. 143), and power amps (pg. 176).  
5520 W. Touhy Ave.  
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fax 847-982-0747  
sales@studio-tech.com  
www.studio-tech.com

**Studiomaster**

See mixers (pg. 113), power amps (pg. 176), equalizers (pg. 98), and microphones (pg. 134).  
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Anaheim, CA 92806

**Superscope/Marantz**

See CD-R recorders (pg. 126).  
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630-820-4800;  
fax 630-820-8103

**Suzuki Corp.**

See digital pianos and piano modules (pg. 18), and portable keyboards (pg. 28).  
P.O. Box 261030  
San Diego, CA 92196  
619-566-9710;  
fax 619-560-1069  
suzukicorp@aol.com  
suzukipianos.com

**Sweetwater Sound**

See soundware (pg. 58), mixers (pg. 113), mic preamps (pg. 143), and equalizers (pg. 98).  
5335 Bass Rd.  
Ft. Wayne, IN 46808  
219-432-8176;  
fax 219-432-1758  
sales@sweetwater.com  
www.sweetwater.com

**Symbolic Sound**

See misc. music software (pg. 172).  
P.O. Box 2530  
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217-355-6273;  
fax 217-355-6562  
info-kyma@symbolicsound.com  
www.symbolicsound.com

**Symetrix**

See effects processors (pg. 86), equalizers (pg. 98), and dynamics processors (pg. 92).  
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fax 425-787-3211  
symetrix@audio.com  
www.symetrixaudio.com

**Synchro Arts, Ltd.**

See digital audio processing software (pg. 151), plug-in software for digital audio (pg. 157).  
13 Links Rd.  
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+44 (0) 1372-811934;  
fax +44 (0) 1372-817976  
info@SynchroArts.co.uk  
www.SynchroArts.co.uk

**Syntaur Productions**

See soundware (pg. 58).  
500 W. Prairie Ave.  
Eagle Lake, TX 77434  
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fax 409-234-2900  
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fax +49 6151 596008  
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www.syntec-gmbh.com

**Synth A Beams**

See alternate MIDI controllers (pg. 36).  
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Torrance, CA 90502  
213-469-8857

**Syntrillium Software**

See digital audio processing software (pg. 151), and digital audio multitrack recording programs (pg. 143).  
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Scottsdale, AZ 85251  
602-941-4327;  
fax 602-941-8170  
sales@syntrillium.com  
www.stntrillium.com

**Systems Development Group**

See acoustic treatment materials (pg. 188).  
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Frederick, MD 21704  
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www.sysdevgrp.com

**T.C. Electronic**

See effects processors (pg. 86), equalizers (pg. 98), foot pedals and foot switches (pg. 192), and mic preamps (pg. 143).  
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**Tannoy/TGI Inc.**

See monitors and computer speakers (pg. 128).  
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Canada  
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fax 519-745-2364  
www.tannoy.com

**TC Works**

See plug-in software for digital audio (pg. 157).  
Flughafenstrasse 52B  
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fax +49-40-531-08 31  
raffs@tcworks.de  
www.tcworks.de

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See soundware (pg. 58).  
P.O. Box 463236  
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See editor/librarian software (pg. 170), and plug-in software for digital audio (pg. 157).  
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fax tapaz@tpz.com

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717-843-5833;  
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See soundware (pg. 58).  
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**Vamtech Enterprises, Inc.**

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fax 423-688-4260  
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172), and sequencing software (pg. 161).  
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**Wine Country Productions, Inc**

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**XTA Electronics**

See equalizers (pg. 98), and effects processors (pg. 86).  
See Group 1 Ltd.

**Xytar Digital Systems**

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See mixers (pg. 113), monitors and computer speakers (pg. 128), and combo amps (pg. 175).

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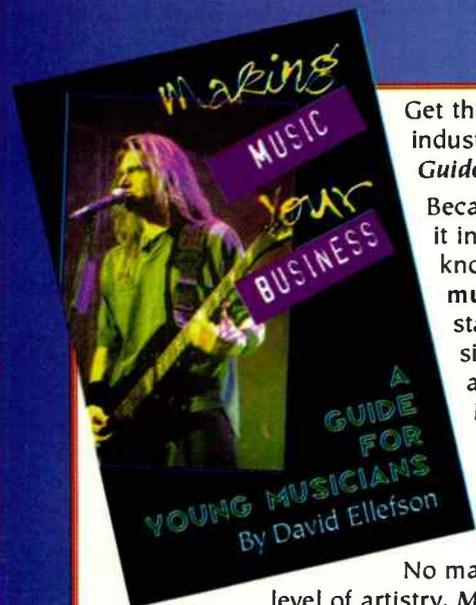
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	Reader Service	Page		Reader Service	Page
Alesis.....	8	23	Shure Brothers .....	6	15
B&H Photo .....	35	194/195	Sibelius Software .....	15	55
B&H Photo .....	35	196/197	Sweetwater Sound .....	7	6
Cakewalk.....	22	146	Sweetwater Sound .....	12	34
Creamware .....	25	104	Sweetwater Sound .....	16	44
Edirol.....	10	43	Sweetwater Sound .....	7	50
Emagic.....	9	27	Sweetwater Sound .....	20	56
Fostex .....	28	129	Sweetwater Sound .....	21	78
Hermes Music.....	34	183	Sweetwater Sound .....	23	84
Korg USA .....	1	COVER 2	Sweetwater Sound .....	4	102/103
Kurzweil.....	36	COVER 3	Sweetwater Sound .....	27	112
Merril's Music .....	2	4	Sweetwater Sound .....	30	174
Musician's Freund.....	11	31	Sweetwater Sound .....	33	184
New York Music .....	3	4	Sweetwater Sound .....	19	83
Opcode Systems .....	5	5	WD Coakley .....	26	49
Rich Music .....	13	39	Yamaha .....	37	COVER 4
Rock'N Rhythm.....	32	181	ZH Computer.....	14	39
Sam Ash/Samson.....	18	53	Zsounds.....	31	181

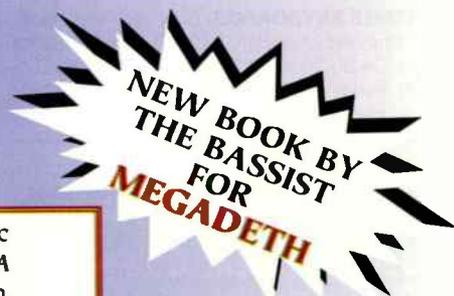
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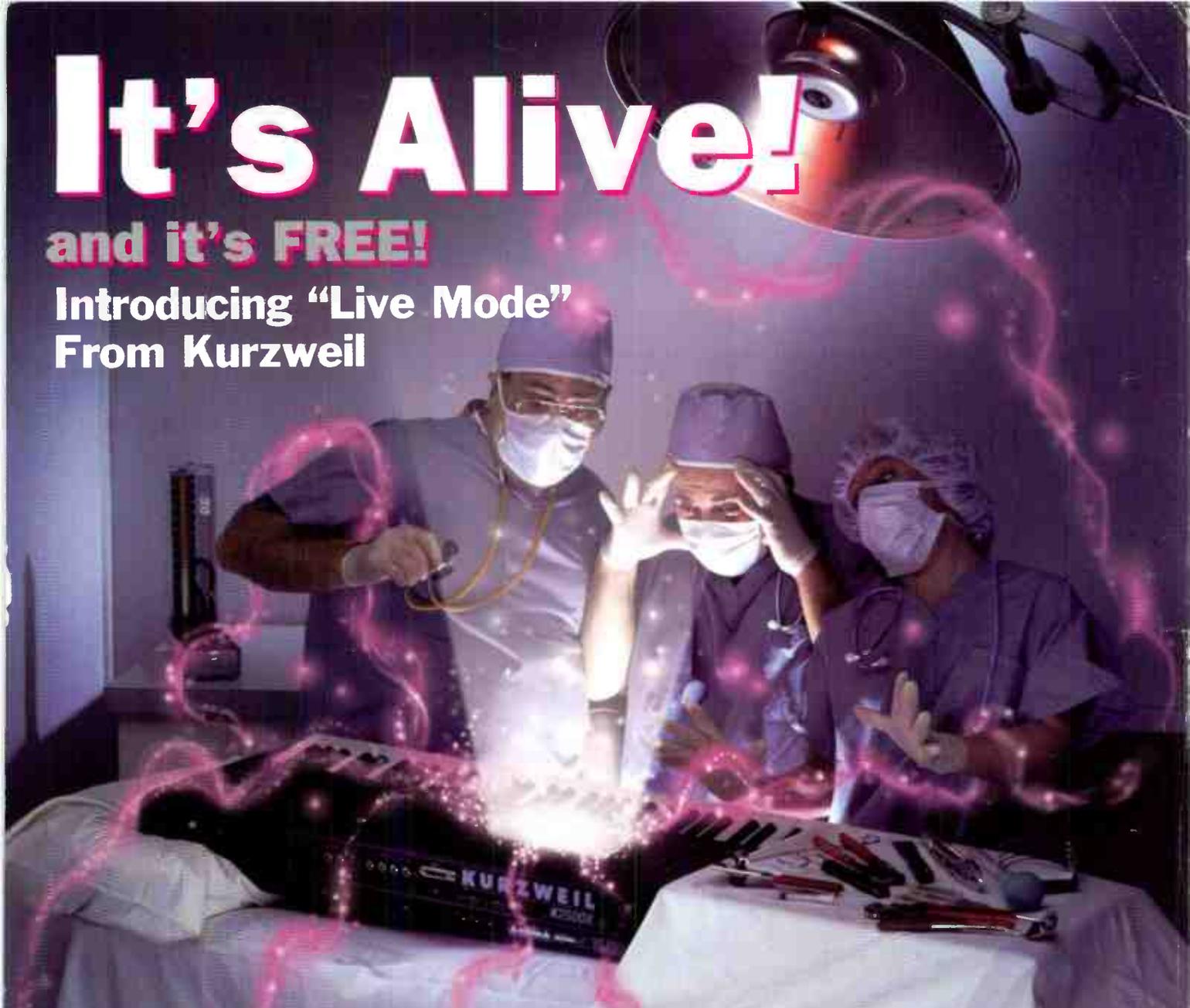
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\*\*The EX7 synthesizer features 64 note polyphony, AN and FDSP, \$2195.

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