

Professional Audio Equipment
Hi-Tech Digital Instruments

1985/6

06632 4244 (6 LINES)

Studio House, High Lane Village, Nr Stockport SK6 8AA. Telex 665721

The Specialist Team



ALAN CHEETHAM

Studio Design, Acoustics, Wiring,
Installation, Synchronizers
and time code, Used Equipment.



TIM EASTWOOD

Multitrack Recording,
Hi-Tech Digital Instruments.



JOHN GLUCK

8/16/24 Track Recording,
Synchronizers and time code,
Computer Controls.

BRITAIN'S LARGEST MULTITRACK STORE

OVER SEVEN THOUSAND
SQUARE FEET OF MIXERS,
TAPE MACHINES,
HI-TECHNOLOGY KEYBOARDS
EFFECTS & P.A.

HI-TECH SHOWROOM



MAIN SHOWROOM

Service Department

- ★ Fully equipt, highly qualified technical staff.
- ★ Authorised by leading manufacturers to carry out warranty repairs.
- ★ Location call-out repairs.
- ★ Spectrum analysis, line-ups, all major test tape standards available.
- ★ Negotiated maintenance contracts.
- ★ Modifications considered.
- ★ Spares department.



SERVICE DEPARTMENT

06632 4244 (6 LINES)

Studio House, High Lane Village, Nr Stockport SK6 8AA. Telex 665721

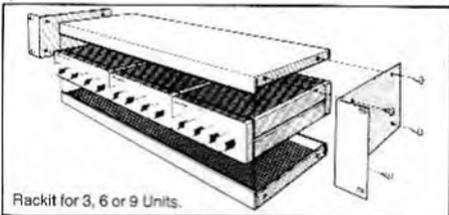
LONDON SALES & SERVICING OPENING SHORTLY

BUDGET MODULAR SIGNAL PROCESSORS

Accessit

Modular Range includes:

(Mono) Compressor, Noisegate and equaliser, (Stereo) Reverberation, RIAA, Disc Pre-Amp, 15+15 Watt Power Amp.



Accessories include:

4 Way & 1 Way Power Supply Units, 3, 6 & 9 Way Rack Kits, 6 Way Headphone Splitter and 32 Way (2u) "Mod-Patch".

ADC Sound Shaper

Full 10 Band stereo one octave equaliser with $\pm 15\text{dB}$ control range, LED indicators are built into each frequency control so you can note the selected frequency curve at a glance. Centre frequencies are: 31.5, 63, 125, 250, 500, 1K, 2K, 4K, 8K, 16K.

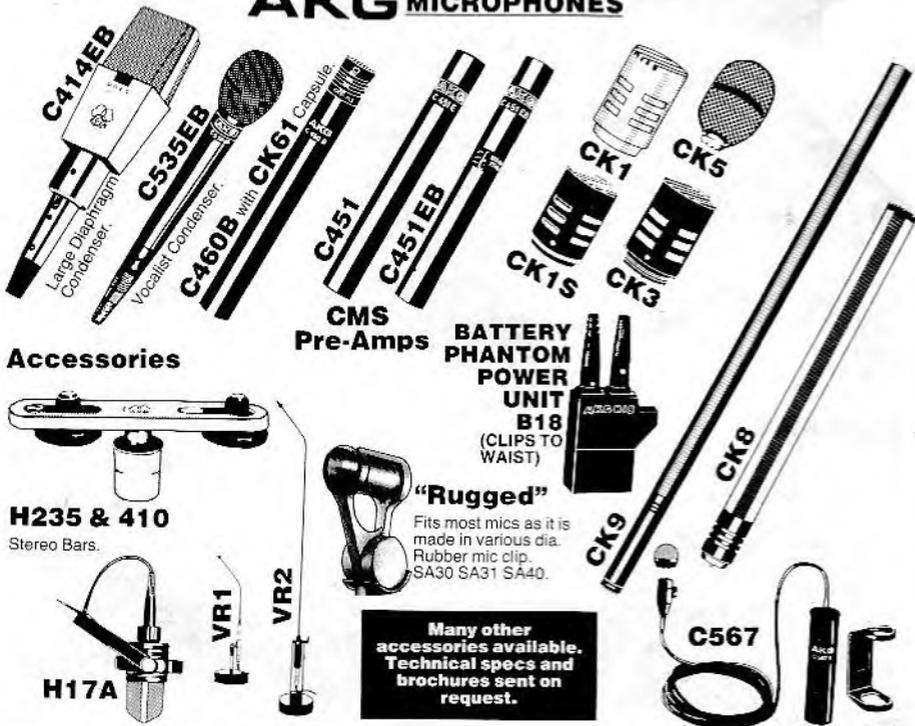


SS 315 2 x 10 band inc. spectrum analyzer



SS 115 2 x 10 band graphic

AKG MICROPHONES



Accessories

H235 & 410
Stereo Bars.

H17A

VR1

VR2

CMS Pre-Amps

BATTERY PHANTOM POWER UNIT B18 (CLIPS TO WAIST)

"Rugged"
Fits most mics as it is made in various dia. Rubber mic clip. SA30 SA31 SA40.

Many other accessories available. Technical specs and brochures sent on request.

C567

AKG DYNAMIC MICROPHONES



D300 Series Vocalist Microphones
(as used by ABBA on stage)



D224E
Accepts high sound level super on snare drum.

D202E1
Studio Quality Dynamic. Voice-over and general purpose.



BROCHURES SENT ON REQUEST

Amplified inst cab mic.

D12E

Famous bass drum and bass guitar cab mike.

We would be pleased to discuss any specific mic application. All the range of AKG mics are from stock and demonstrations are easily arranged.

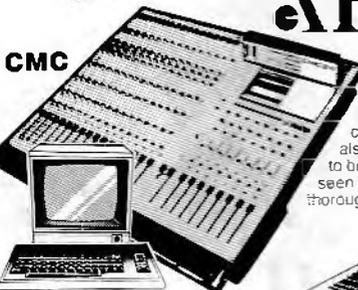
DIGITAL REVERB

The new XT digital reverb from Alesis. With features usually found only in units bearing sky-high price tags. Like 14khz frequency response. And extended delay options like Pre-Delay and Slap-Back. Wide range decay time control. Diffusion, Damping, and filters. With the XT you can fatten drums, fill in dry strings or simply set vocals back into the deepest, smoothest acoustic cushion imaginable. All in full stereo. The XT mixes reverb into a signal directly from the front panel or connects to any board with echo sends.

ALESIS



AHB



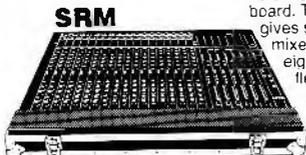
CMC

A revolution in home studio multitrack mixers. Very compact due to its in-line format, the CMC range offers 3-band swept eq., 4 aux sends routable to six busses separate meter pad for channel in/outs. The main attraction of the mixer concerns the ability to use a Commodore computer to control track assignments, output routing, channel and monitor muting patches and sequencing. The computer also allows muting to be synchronised to a tape machine allowing channels to be in or out of the mix according to the tape location. This unit has to be seen working for its abilities to be fully appreciated. Visit our premises for a thorough demonstration.

COMMODORE COMPUTER

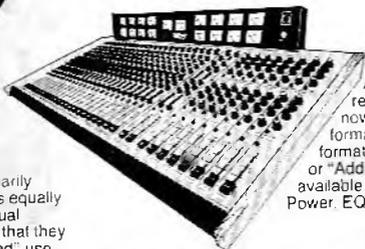
SR SERIES

The SR Series has been designed primarily for sound reinforcement purposes but is equally suited to 4-track recording, or audio visual applications. Their construction is such that they can cope with the rigours of "on-the-road" use, and the high contrast panel graphics enable easy reading in poor lighting conditions.



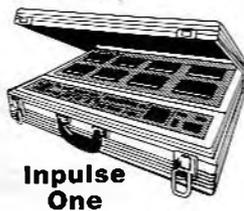
SRM

The SR Series monitor board. The SRM 186 gives six independent mixes, the SRM 248 eight mixes for flexible on-stage monitoring at an affordable price.



SYSTEM 8

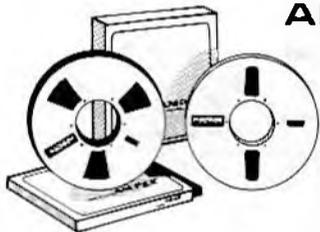
A series of budget priced desks reflecting the wide range of facilities now demanded by serious small format studios. Available in various formats, 24 8 2, 16 8 2, 12 8 2, 24 4 2, or "Add On" with expander units. Now available with Alps Faders, Phantom Power, EQ Out, all as standard fittings!



Inpulse One

- ★ Wide range dynamic response
- ★ Pitch and decay individually adjustable
- ★ Programmable stereo mix.
- ★ 16 digitally sampled sounds as standard
- ★ 8 in ROM, 8 reloadable from the expanding cassette based software library.
- ★ Real or step time programming
- ★ Expansion port for computers and future products.
- ★ On-board SMPTE time code generator

AMPEX TAPE



Box Quantities

10 1/2" NAB Metal Spools (2500')

- 10 Reels (1/4") (406) (456)
- 7 Reels (1/2")
- 5 Reels (1")

FOR CURRENT PRICES

Individual Reel Prices

10 1/2" NAB METAL SPOOLS (2500')

- Standard 406
- Grand Master 456

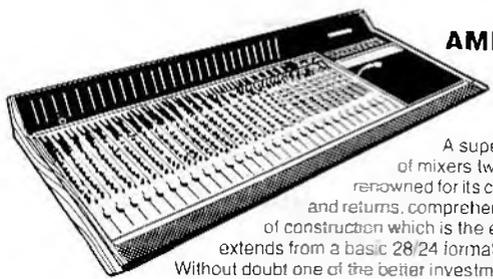
7" Plastic (1.5ml)

- Standard 406 (1200')
- Grand Master (1200')

For use with FOSTEX Machines

- 7" Plastic Long Play (1.0ml)
- Standard 407 (1800')
- Grand Master 457 (1800')

AMEK / TAC

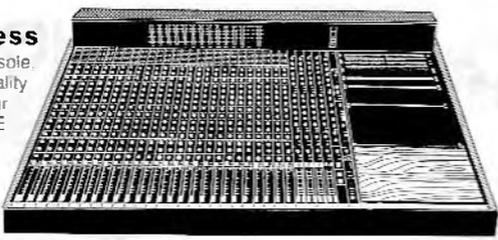


AMEK Angela

A superb console which boasts features of mixers twice its price: 4 section Eq which is renowned for its clarity and musicality, six aux sends and returns, comprehensive patch bay etc. and a standard of construction which is the envy of its competitors. The range extends from a basic 28/24 format to a 36/24 automated system. Without doubt one of the better investments in 24 buss consoles.

TAC Matchless

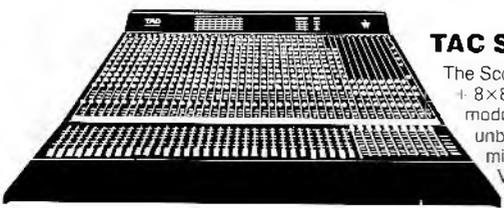
With the introduction of the Matchless console, AMEK-TAC have set new standards of quality and performance for the budget twenty four track market. Offering 24 BUSS, 24 IN-LINE MONITORS, 8 AUX BUSES, 4 BAND EQ, INDEPENDENT MUTE GROUPS, and a host of other features, the Matchless is already living up to its name.

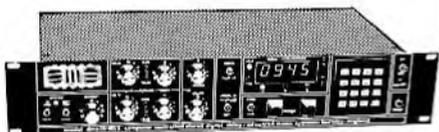


Manufactured to the same High Standard as AMEK Consoles, the TAC Scorpion and Matchless offer truly professional quality and a wealth of facilities.

TAC Scorpion

The Scorpion Range offers 16.8.2; 16.8.16; 16.8.2. + 8x8 Matrix: 24.8.2; 32.8.2; 32.16.16 ETC. As modular multitrack or P.A. Consoles they offer unbeatable value for money. 4 Band EQ with 2 swept mid sections, two mono and two stereo effects sends, VU and Peak Meter ballistics etc. Fader reverse on monitors.



DMX-15.80S Digital Delay

The ultimate digital delay machine, used by professional's world-wide. Each mainframe unit is now supplied with the Loop Edit System (LES) as standard. Extra delay cards and harmonizer cards are available to make a completely expandable system with up to 30 seconds of delay. Demonstrations are arranged on request. Brochure sent upon request. Prices on application.

RMX-16 Digital Reverb

One of the most sophisticated Digital Reverberators currently available. With 9 programs and a bandwidth in excess of 16KHZ the RMX-16 employs complex micro-programmed parallel processing of 16 bit data and offers independent control of each program's key reverberant parameter. Once a program has been selected the user may adjust the decay time, pre-delay up to 300ms and high and low frequency decay characteristics. Any adjustment may be assigned to and stored within one of the non-volatile memories.

Remote Terminal for RMX-16

Also available is a Remote Terminal with 90 programmes. Data can be entered by the keyboard or via incremental nudge buttons, whilst an LCD monitors parameters being entered. The remote is not just a box with a few buttons and a display, it is a fully fledged microcomputer with its own non-volatile memory store increasing the programmes available from nine to ninety-nine. Obviously with this facility the remote can be un-hitched and taken to other studios equipped with AMS Reverberation systems enabling engineers to have a portable library of their favourite reverberant sounds. The RMX-16 is now available with 1.6 sec delay cards (L&R) as standard.

Keyboard Interface and Chorus Controller

Sample any sound with the DMX1580S. Then use the keyboard interface to transpose it up and down.

APHEX**II-S Aural Exciter**

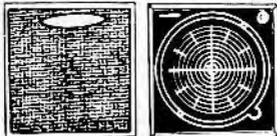
The Aural Exciter effectively restores the presence and clarity which the recording process removes, reviving that bright unmistakable "live" quality. It can also make certain segments "stand-out" without actually being louder.

Aural Exciter Type B

The Aural Exciter Type B is engineered for less demanding situations. It utilizes the same psychoacoustic principles to make Aural Excitement available to small clubs, studios, halls, restaurants, musicians, tape duplicators and sound contractors operating on a more modest budget.

Compellor-Compressor/Leveller/Peak Limiter

Delivers intelligent compression, levelling, peak limiting simultaneously! The COMPELLOR control circuits are actually analogue computers that constantly monitor the input, adapt and control a single VCA per channel for minimal signal path.

5C Super Sound Cubes Reference Monitors

Still the most popular reference monitor. Just the right size to slot on top of your meter housing. 30W RMS with a handling power of up to 60 watts peak. With a frequency response similar to that of a typical domestic system they will give you an accurate representation as to what your recording will sound like outside the clinical surroundings of your studio.

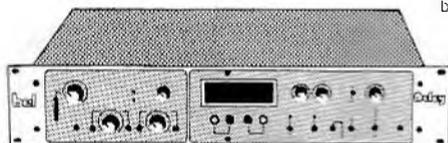




BD80 Digital Delay

The BD80/240/320 processors are high quality digital delays with an expandable memory - loop edit facility - synchronised record and playback (sampling) - keyboard control (1 V per octave) - echo - and flanging. These digital delay processors can be considered the same as a 2 to 32 seconds tape loop which can be played back as required at normal or varied speed; the memory can be filled all at once or a section at a time and it can also be edited - much like a piece of tape. Conventional delay lines will repeat what is already in the memory when hold is selected making selection of particular sounds difficult. The BD80, however, has Sync button which enables the memory to be filled after the button has been pushed.

bel



BD240/320 Digital Delay Lines

BD80

2 secs max delay @ 15kHz
bandwidth 4 secs max delay @
7.5kHz bandwidth (x2 delay)
Expandable via optional memory
cards to 8 secs max delay @ 15kHz
bandwidth 16 secs max delay @
7.5kHz (x2 delay)

BD240

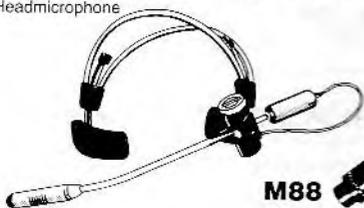
6 secs max delay @ 18kHz
bandwidth 12 secs max delay @
9kHz bandwidth (x2 delay)
Expandable via optional memory
cards to 24 secs max delay @ 18kHz
bandwidth 48 secs max delay @
9kHz bandwidth (x2 delay)

BD320

8 secs max delay @ 15kHz
bandwidth 16 secs max delay @
7.5kHz bandwidth (x2 delay)
Expandable via optional memory
cards to 32 secs max delay @ 15kHz
bandwidth 64 secs max delay @
7.5kHz bandwidth (x2 delay)

Beyer Dynamic

HM560
Headmicrophone



DT100
(400Ω)
Industry Standard



M88



Studio Quality
or Stage Vocals
"Try it on snaredrum"

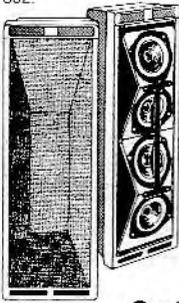
M201



Studio Mic
"Great on Toms"

402

Literally half an
802.



BOSE
MAIN DEALERS
(TRADE ENQUIRIES
WELCOME)

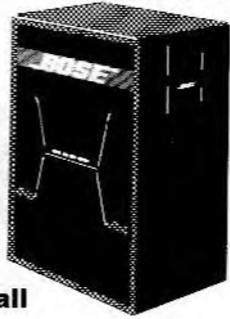


802

Full range music
system.

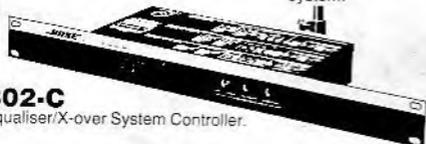
302

Tandem Tuned Bass System



802-C

Equaliser/X-over System Controller.



On 'LIVE DEMO' in Studio House P.A. hall

bel

Beyer Dynamic

BOSE

6

BOSS

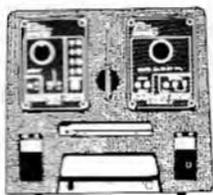
BOSS

DE-200 Digital Delay

Advanced digital technology at an incredibly low price. Up to 1280ms of delay with on-board modulation. Has a "Rhythm Sync" feature which enables the user to externally trigger whatever signal is stored in the DE-200's memory. For example, when used in conjunction with a drum machine the trigger out can be connected to the DE-200 and your own drum sounds can be created and stored within the unit. Most of the facilities can be controlled remotely via foot switches. 1u x 19" mounting.

AR 116

"Famous" high performance D.I. Box (Active). Use with batteries or phantom adaptor unit.

Phase Check System**FREQUENCY DIVIDING SYSTEMS****FDS 320**

Dual channel two way with peak limiters.

FDS 340

Single channel four way with peak limiters.

COMPRESSOR LIMITER**DPR 402**

Dual channel compressor. D-Essex and Peak Limiter.

HIGHLY RECOMMENDED

Please phone for brochure and specs.

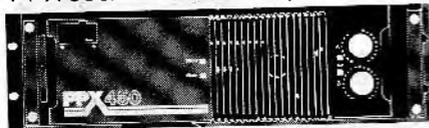


**STUDIO QUALITY CONTACT
MICS FOR ANY AND ALL
ACOUSTIC INSTRUMENTS**

8" Tape Mic

The C-ducer tape is sensitive over its whole length and captures the full dynamic range and tonal qualities directly from the instrument soundboard. As a result, spillage from nearby instruments, or background noise is vastly reduced.

Brochure and application notes sent on request.

PPX 900/450 Power Amps

Output power	PPX 900	PPX 450
8 Ohm Bridge Mono	900 Watts	450 Watts
4 Ohm (per channel)	450 Watts	225 Watts
8 Ohm (per channel)	280 Watts	140 Watts

Well designed mos-fet amps, with very rugged construction.

CITRONIC**Disco Decks**

AUDIO SERVICES STOCKPORT SALES & SERVICING ☎ 06632 4244
LONDON SALES & SERVICING OPENING SHORTLY

-ducer

CITRONIC

dbx

NOISE REDUCTION

- There are 2 models in the range of DBX noise reduction
- 150** – A two channel unit operating at -10dbm but with extended headroom.
 - 180** – As the 150 but operating at -4dbm for professional use.

COMPRESSOR LIMITER

160X
 "Over easy" or hard knee operation. +24dbm input/output capability. 2 units may be strapped together for dual channel use.

165A
 A state of the art unit giving manual or automatic attack and release, and peak stop for superb control of max. peak levels.

166
 A dual channel unit with a wealth of features: noise gating with switchable release rate, variable over easy compression peak stop facility. Sidechain monitoring.



RDS 1900 Digital Delay



RDS 3600 Digital Delay



DigitTech

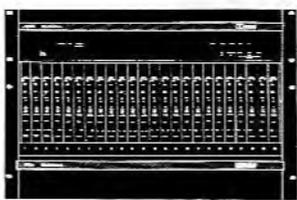
Two great new digital delay lines from the States. 3600 15kHz bandwidth to approximately 2 secs and over 7 secs with restricted bandwidth. Also features drum sync I/P.

Dolby

Noise Reduction Systems

SP-24

24 Track Dolby "A" Noise Reduction utilising Cat 22 cards. Modular design standard 19" rack mounting occupying 12 1/4" of rack space. Also available from the SP series are the 16 and 6 track versions.



361



Single Channel Unit
 Cat 22 card automatic changeover from Encode to Decode. 1u x 19" rack mounting.

330



Professional quality unit for encoding duplicating master tapes with consumer Dolby Noise Reduction characteristics. Used in the duplication of Audio and Visual cassettes, open reel tapes and cartridges. It comes supplied with either Cat no. 66 B-Type NR Module and/or the Cat no. 219 C-Type NR Module

372

The new portable two channel A-type noise reduction unit, for use in mobile recording, video tape recording and portable recording



dbx

DigitTech

Dolby

DS201



DL221



DL231



1960 Vacuum Tube Compressor



DRAWMER

In the opinion of studios worldwide (and us) – if it's silent, frequency conscious gating you want – there is no other consideration.

The Drawmer range of signal processing equipment has rapidly gained a reputation for quality at an affordable price. From the innovative Dual Gate to the Comprehensive Expander/Compressor/Limiter, this range has to be considered whenever Dynamic control is required.

As the current prices of old valve equipment show experienced engineers appreciate the "warmth" and "liveliness" that valves can add to sound. This new unit from Drawmer brings these intangible qualities up to date with modern features such as low noise components and electronic balancing. An extremely useful approach to compression.

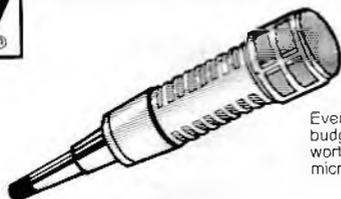


Range of Hi-Fi Products. Brochure and price list on request.

EDITall® Splice Blocks – see Accessories Page 31



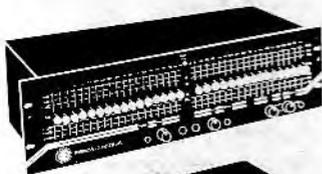
Electro-Voice® MICROPHONES



RE 20 (PL 20)

Every bass drum should have one! But its down to budget – this is an expensive dynamic mic but well worth it. Put it literally anywhere you need a microphone.

FORMULA SOUND



S19GA Graphic Analyser

The S19GA is a professional two channel 1/2 octave 19 Band Graphic Equaliser providing readily observable boost or cut of up to 12dB at 19 centre frequencies covering the entire audio spectrum. Each channel can be used independently or simultaneously as for stereo use. It has an added facility of a 19 band analyser. An internal Pink noise source and mic. Pre-amp is provided.



SE1 System Equaliser

The SE1 system equaliser offers a more cost effective alternative to those people who don't often have to adjust the response of their system. 19 bands on rotary pots per channel, all situated behind a removable front panel lessens the temptation of tweaking from knob-happy engineers. An ideal room equaliser.

Further details and spec of any of the above units sent on request.

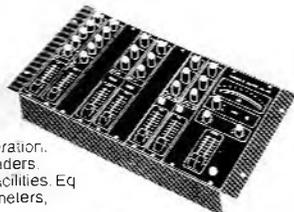
Que-4 Headphone System



The world's most comprehensive foldback system.

PM80 Disco Mixer

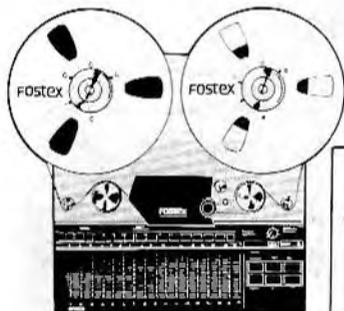
Flexible layout for simple operation. Expandability. Carbon track faders. Comprehensive monitoring facilities. Eq on each input. 2x20 L.E.D. meters, peak or V.U. ballistics.



MULTITRACK RECORDERS

B16

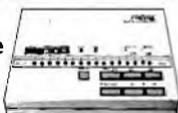
Revolutionary 16 track recorder using 1/2" format tape with integral Dolby "C" noise reduction. The track record and reliability of this machine has been proven by many professional users since its inception over 2 1/2 years ago, beyond any shadow of a doubt. Truly a living legend. Full brochure and spec available. Amazing spec for such an innocent piece of hardware. Being used increasingly in commercial situations.



Accessories Required To Mount B16 In Console

- 9080 Wedge Console
- Mobile floor console on casters as illustrated
- B16 may be adjusted to a convenient operating angle.
- Requires 9081 rack mounting kit.
- 9082 Meter mounting kit.
- Permits mounting of the bar graph meter panel away from B16 for easier viewing. (As illustrated).

Remote Control 8090



Model 80

Fostex pioneered eight tracks on quarter inch. This unique format offers convenience and economy of operation with audio mastering quality. This unique fourth generation Personal Multitrack Recorder uses microprocessor control technology to achieve smoother faster working. Connections are provided for both the remote and synchroniser accessories. Model 80 audio quality is bright and clear, the result of no frills electronic circuit design and the incorporation of the latest Dolby "C" noise reduction. Every feature is included to make the process of recording and overdubbing, faster and even more manageable for working musicians.



Model 20 Master Recorder

Based on the same transport as the Model 80 multitrack, the Model 20 Master recorder offers unique facilities to anyone mastering for production. The standard mastering two track, two channel format is supplemented by a third cue channel, located in the centre of the tape, intended for recording and playback of SMPTE time code. This feature, coupled with full Synchroniser compatibility, puts all of the potential of advanced production techniques into the hands of the user. The proven cost benefits of the compact Fostex transport, and the incorporation of up to date facilities opens a new range of opportunities in multitrack. Until now, synchronisation of SMPTE and MIDI, of music and video was reserved for select top of the market studio operations. Now Fostex puts this link to the future within reach of every working studio and musician.



3050 DDL

Ideally suited to Fostex and Tascam recording equipment. With a maximum delay of 270ms the unit offers good dynamic range and versatility on the delay settings covering chorus, flanging, ADT and tunnel effects. The 3050 can be standard 19" rack mounted using the Fostex 9901-1 "Ears".



3180 Reverb

Stereo in, stereo out spring-line device. Very natural sound with in-built delay of 24m sec and 3 sec reverb decay time. Front and rear panel input and output connections make this unit ideal for either studio or P.A. stage use. It also utilises L.E.D. overload indicators and a built-in limiter to handle fast transients. 2u case can be rack mounted with optional 9901-2 brackets.



3070 Comp/Lim

A 1RU unit which offers all the facilities one would expect: dual channel, stereo linkable, in-built expander, side chain access. Ideal not only for the studio but live use. Backing vox never need riding again! Available as free standing unit or with its own racking "Ears".



3030 Graphic EQ

Offering extremely cost effective eq dual 10 band operation with a 12dB control and separate input levels for left and right. Free standing or 19" rack mounting with optional 9901-2 "Ears".



4050 Autolocator 4030 Synchroniser 4035 Sync Controller

For use with Model 80, Model 20 and B16 models! Autolocator has digital L.E.D. display and is totally programmable (minutes, seconds, bars, notes). Time change in real time SMPTE time code. MIDI. Computer interface synchroniser will track audio to audio, or video to video.

10

Fostex

GEM

The
Great
British
Spring

Ibanez

X-15 Multitracker**Fostex**

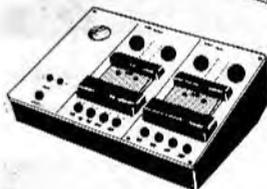
"Musical Sketchpad" for the songwriter on the move. Budget price 4 track cassette recorder/reproducer with Dolby Noise Reduction. Battery or mains operated with optional 8070 A.C. Adaptor. Also available is a remote Record Punch In/Out foot switch. Astounding value for money. 60 page Fostex Cookbook given to anyone visiting our premises regarding either Fostex Machines on this page.

250

4 Channel, 4 track Dolby "C". Hi-speed. Very clean recordings.

MN-15

4 channel mixer and compressor for expanding the X-15.

**GEM****Graff Cassette Copier**

A modular cassette to cassette copying system: infinitely expandable 16x normal speed, selectable Bias/Eq. Superbly engineered in Britain by manufacturers of ludicrously hi-tech flight simulators! - a pedigree which shows clearly in this quality product.

Great British Spring Mk.III

There are still a great many sceptics in this country who believe that anything under £1,000 cannot possibly give professional results. In our time as pro-audio dealers, we have amazed disbelievers with a "Guess which one is patched in now" demonstration, usually resulting in them, carrying one away under their arm. The current GBS is the Mk.III which has improved, quiet electronics and separate power supply to reduce induced hum and housed in a sturdy black compact column with XLR connectors providing a full stereo in/out system. A custom designed six spring array is employed to provide very natural reverb patterns of 3.5 secs decay. Excellent for use within the small studio and broadcast applications using the balanced version. (The BBC have several units.)

GE3101**Ibanez****GRAPHIC EQ**

Cost effectiveness is the essence with these two winners from Japan. 31 band mono or 15 band stereo give the flexibility of the more expensive American units, but with the added extra of having switchable boost and cut levels from $\pm 6dB$ to 12dB 1u rack mount units to save valuable rack space.

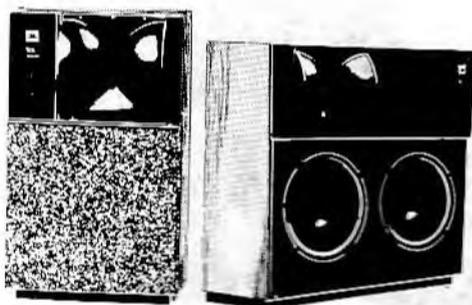
GE1502**DM1100****TIME PROCESSORS**

From the Japanese stable that's usually associated with fine guitars and basses come a new breed of time processors and effects. These units represent State of the Art technology at pre-war prices. They range from a basic 250ms short delay through to the full bandwidth 1024ms DM 2000. The HD 1500 harmonics delay is a very versatile 1 octave up/down pitch changer which makes a good cost effective alternative to the Eventide H910. All units are 19" x 1u Rack mounting and are ideal for use with low-cost and Scotsman's purse installations!

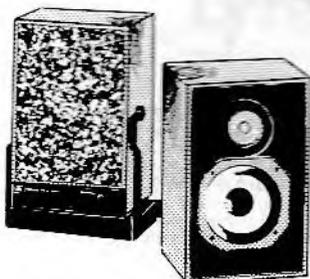
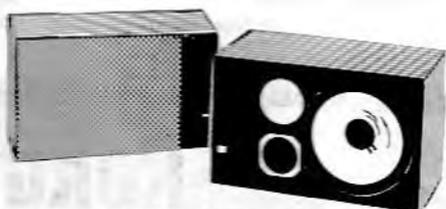
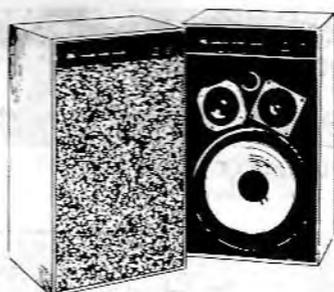
DM2000**HD 1500**

illsonic Acoustic tiles - see accessories page 31.

AUDIO SERVICES STOCKPORT SALES & SERVICING ☎ 06632 4244
LONDON SALES & SERVICING OPENING SHORTLY

JBL**STUDIO MONITORS****NEW MODEL
HIGHLY
RECOMMENDED****Bi-Radial Studio Monitors****4435 375W** (Pink Noise)**4430 300W** (Pink Noise)**Bi-Radial Studio Monitors
4425 200W**

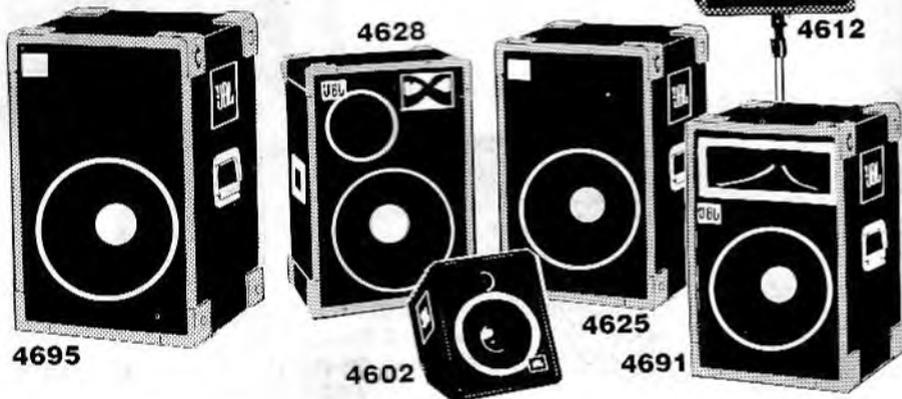
Continuous sine wave

**Studio Monitors, 2-way****4401 60W** (Pink Noise)**Control Monitors, 3-way****4411 150W** (Pink Noise)**4312 80W** (Pink Noise)**5234A Dual Channel Electronic
Frequency Dividing Network****AUDIO SERVICES**STOCKPORT SALES & SERVICING ☎ 06632 4244
LONDON SALES & SERVICING OPENING SHORTLY**JBL**

JBL

COMPACT P.A.

JBL grew big by making the best loudspeakers in the world: Pure sound-from JBL designed and built drivers. High efficiency - more sound per watt. Smaller JBLs use less stage and van space, and are lighter and easier to carry. Built to last - solidly crafted from the best materials.



4612 General (400 Watt) P.A., stand optional

4691 High output (400 Watt) P.A.

4602 300 Watt stage monitor

4682 400 Watt keyboard/lead/vocals, 3-way

4625 400 Watt bass, 15" driver

4695 600 Watt bass/sub base, 18" driver

Wattages quoted are for continuous program inputs.

Klotz Cables - see accessories - page 32.

KORG

SDD 1000 Digital Delay

An excellent full bandwidth unit offering up to 2048ms delay, variable hi-fi frequency roll off at 10kHz, 2048ms sampling which is triggerable from an external source, triggerable delay time and hold facility. A remarkable device.



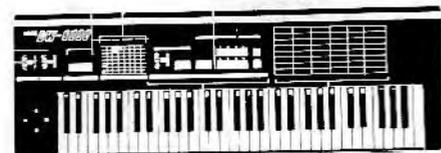
SDD 2000 Digital Delay

Excellent unit with over 4 sec delay. Equipped with midi, the 2000 can sample a sound and replay it via a midi keyboard. Just one of its many features!



SDD 3000 Digital Delay

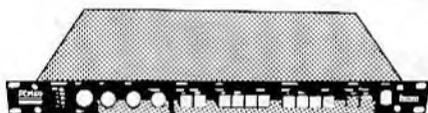
9 programme, full 17kHz bandwidth, 1024ms digital delay, 19" rack mounting x 13 1/2" high. Pseudo stereo outputs for amazing wide effects including flanging chorusing, automatic double tracking (ADT) plus ridiculous warp effects!



DW6000

F.M. SYNTHESIZER
Digital Waveform Generation
System

This really is a very good effort from Korg combining superb digital sounds a la DX-7, with rich analogue sounds such as the 106. Highly recommended. Special low price now available. Also coming soon the DW-8000 touch-sensitive, built in DDL, 8 note Poly etc. etc.



PCM-60 Digital Reverb

Two reverb programmes, room and plate, from which you can quickly produce over 100 distinct and useful reverberation effects. Four size and reverb selections for each programme. Includes an effects loop for a delay line, gate, compressor, fader or other effects device.

224-X



Larc Remote

Not just a digital reverberator, the 224X is one of the most original effects generators available. The user has access to a number of the software parameters enabling modification of the various pages which control initial diffusion, delays, multi band delays etc. Spectacular chorus effects and split delays for effects to tape. When used as a reverberator the 224X gives sounds now so familiar on modern mixes. Supplied as a mainframe containing all Audio and Digital processing circuitry, power supply, input/output connections and programmes. Control is via a separate remote offering control of Bass and Mid reverb times, Bass-Mid cross over point, Treble decay, reverberation depth and pre-delay dual inputs, for example concert hall programs use both inputs independently whereas the Acoustic chamber uses one input and up to four outputs. Comprehensive storage facilities enable 34 programs to be stored in a non-volatile memory. With its comprehensive control, informative display and facilities to upgrade software as and when it becomes available. The 224X has become an "Industry Standard" which other manufacturers are still trying to follow.



TR532 24 track

The most popular 24 track recorder in the UK. Lyrec have been selling this machine in its various guises for a number of years and there are still more machines working in the UK than those of any other manufacturer. With a simple, easy to maintain reliable transport and modern low noise, low distortion electronics this machine provides superb performance at a very competitive price. Comes complete with one of the world's best autolocators as standard. Without doubt the TR532 is a machine not to be overlooked by serious engineers.

Autolocator



CP430

Portable Stereo Cassette Recorder for professional applications. 3 head DBX and Dolby. Also complete range of Hi-Fi systems. Brochures and price list sent upon request.



DIGITAL SAMPLING KEYBOARD

This is where the future is:-
Realistically priced sampling keyboard.
Here are some of the features of this revolutionary
instrument:

Velocity sensitive (Controlling dynamics and
timbre); 8 note Polyphonic; Split keyboard; Built
in Sequencer; Built in 3 1/2" micro floppy disc
drive to store either Ensoniq's library
sounds or your own sampled sounds; MIDI
Interface; 15kHz bandwidth at 2 sec. Sample
up to 8 sec at 4KHZ (per half keyboard).
Contact us for an appointment to view and listen
to this incredible machine.

ensoniq **MIRAGE**



**DEMONSTRATIONS
BY APPOINTMENT AT
STUDIO MOUSE**



15 Band Stereo



31 Band Mono



D 1500



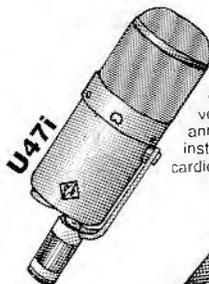
GRAPHIC EQUALISERS

These smooth operators from the States are able to tune
your room with utmost precision. Plus or minus 12dB of cut
and boost per slide. Gives optimum flexibility. Also rugged
construction to be the ideal choice of eq. for musicians on
the road. Brochure sent on request.

DIGITAL DELAY LINE

The D1500 is a fully professional 1.5 second digital delay.
Attractively housed in a blue and black case. Accepting
virtually any level presented to it, the D1500 can
dramatically enhance most signals offering a stereo output
as standard. Brochure sent upon request.

MICROPHONES



Neumann U47i
Condenser Studio
vocals, radio station
announcers, Mixing
instrument amp cabs
cardioid only.

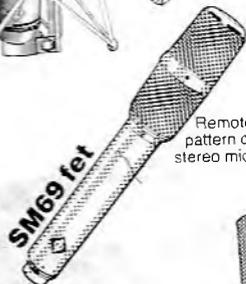


U87i

Neumann U87i (in cradle)
Condenser, studio vocal,
pianos, brass, woodwind,
3 polar patterns.



Neumann KM84i
Condenser,
Cardioid multi-purpose
"small" mic, snare,
hi-hat, spot mic.



Remote
pattern change
stereo mic.



Stereo mic
with integrated
pattern change
control.

**Full range of
accessories &
microphones
from stock.**



U89i
Similar in
shape but
smaller in size
than the U87 has
5 directional
patterns and accepts
a higher S.P.L.
(140dB)

TML 170i

TML 170i
Latest
transformerless ultra
low noise model.
5 directional characteristics

NEUTRIK Connectors - see page 32

AUDIO SERVICES STOCKPORT SALES & SERVICING ☎ 06632 4244
LONDON SALES & SERVICING OPENING SHORTLY

orban

622B Parametric EQ



Dual channel 4 section (per channel) parametric equaliser. The equalisation is variable between -16dB and minus infinity - allowing notch depths of over 40dB to be achieved. Combined the four sections of each channel cover the entire audio spectrum. The centre frequency of each section being adjustable over a 25:1 ratio affords optimum resolution/flexibility. Panel facilities also include by pass toggle switches on each section of both channels. Without doubt a unit designed with the discerning professional in mind.

QUAD

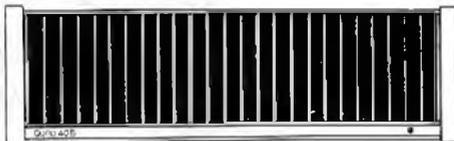
303 Power Amp



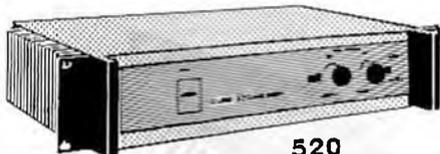
Also Hi-Fi, pre-amps tuners and loud speakers

45-45W.
RMS into 8 OHMS at input level 0.5V.

405-2 Power Amp



100+100W. RMS into 8 ohms at input level 0.5V.

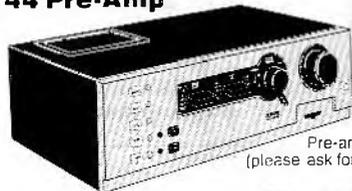


520

(Rack mounting power amp)

The Quad 520 Power output: 100 watts per channel into 8 Ω , 150 watts per channel into 4 Ω .

44 Pre-Amp



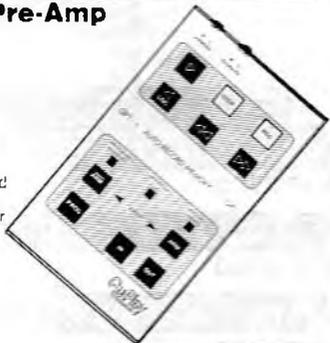
Pre-amp control units (please ask for brochure).



34 Pre-Amp

QuPlay

Qu-play responds to the needs of both musicians and studios who need maximum flexibility when working with tape. Qu-play allows programming and memorising of punch in sequences and co-ordinates the triggering of external devices. High accuracy and multiple functions add up to a cost effective device for production that's user friendly and easy to operate.



RAM

MIXERS

RM10/RM16



Mega RM18/RM24

Top value in multitrack mixers. Conventional layout offer excellent flexibility. 3 band Eq with swept mid-section. Eq on returns on RM10/16. Mega has 4 band Eq, 6 sends, 8 groups, 16 monitors. All with phantom power and fully routable talk-back.

AUDIO SERVICES

STOCKPORT SALES & SERVICING ☎ 06632 4244
LONDON SALES & SERVICING OPENING SHORTLY

15
orban

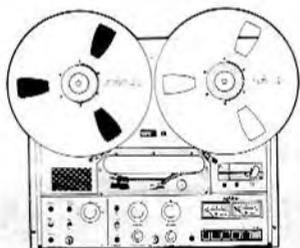
QUAD

QuPlay

RAM

REVOX

TAPE MACHINES



PR99 MK II



B77 MK II

Also Hi-Fi range of disc players, Linear track turntables, tuner amps and speakers. Full brochure price list upon request.

VERSIONS

- B773 1/4 7 1/2 NAB or IEC
- B77 HS 7 1/2 15 NAB or IEC
- PR99 3 3/4 7 1/2 NAB or IEC
- PR99HS 7 1/2 15 NAB or IEC
- PR99HS Mono IEC
- PR99HS 2 Track IEC replay only

Roland

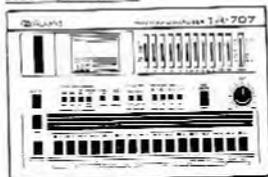
JX8P



PG800

Velocity sensitive and after touch. High intensity green fluorescent readout giving all control data and patch names. The PG-800 facilitates easy programming.

DIGITAL DRUM MACHINE



TR707

Step or real time programming with MIDI. Separate O/P's and mixer. Graphic LCD Display. All sounds are digital.



SDE 2500

4 x Memory Programmable DDL



SDE 1000

8 x Memory Programmable DDL



SDE 3000

64 x Memory Programmable DDL with MIDI
All three above units offer full bandwidth delay.

PROGRAMMABLE DIGITAL REVERB



SRV 2000

The long awaited reverb from Roland has hit the streets. This is every bit a professional unit with infinite decay using the "eternity" switch, and equipped with the now obligatory MIDI buss.

This enables the user to have a sort of computer controlled mix-down when used with midi equipped sequencers. There are an immense amount of features on this unit so you are advised to either phone for a brochure - or even better - come in for a demo and compare between all the major contenders in the digital reverb stakes.

SENNHEISER MICROPHONES

Firmly established as one of the major microphone manufacturers, Sennheiser offer a varied range of superb professional microphones and headphones for studio, PA, and A/V use.



918U

MD421

*Recommended
World's top selling
general purpose microphone
virtually indestructible.
Ace on toms.

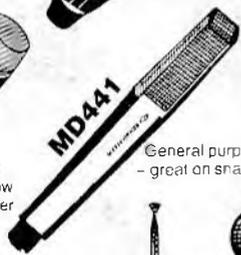


MD409
Bass drum
and
percussion
mic



MD431

As used by:
*Barry Manilow
*Stevie Wonder



MD441

General purpose
- great on snare.



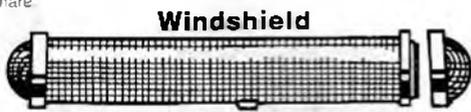
MKH416

Studio hyper cardioid (Audio)



MKH816

Studio hyper cardioid (TV)



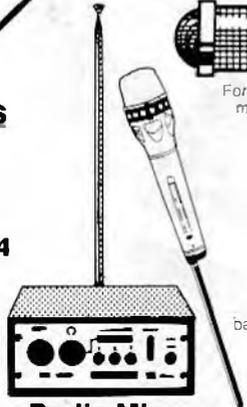
Windshield

For use with hyper cardioid condenser mics
mainly used on location or film and TV studios.

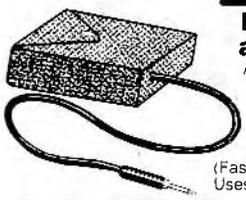
HEADPHONES



HD414



**Radio Mic
and Receiver**
As used by "Prince".



**Radio Guitar/Bass
Transmitter Unit**

(Fasten to guitar strap)
Uses same receiver.

ELECTRET CONDENSER RANGE

**K3U
(Body)**
Electret
battery powered
condenser



ME88
Hyper (lobo)
Cardioid
Inclusive
Foam
screen.



ME80
Hyper-cardioid



ME40
Cardioid



Capsules

SHURE MICROPHONES



SM 10A



SM58



SM57



SM85



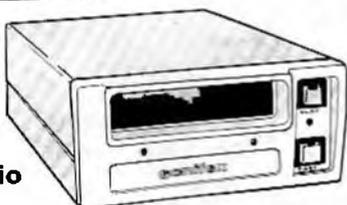
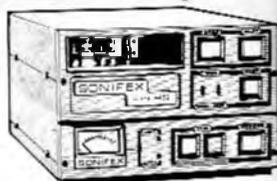
SM81

**BROCHURE
DEPICTING
ALL OTHER
MICROPHONES
SENT ON
REQUEST**

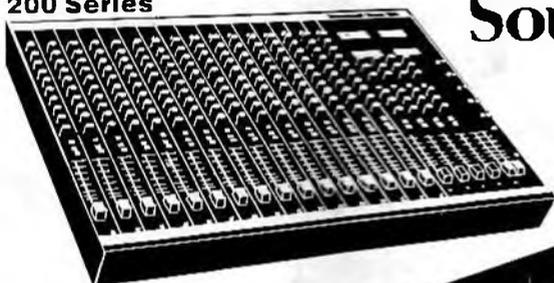
SENNHEISER

SHURE

SONIFEX

**NAB CARTRIDGE RECORD
& REPLAY MACHINES****Disco/PA
& Hospital Radio
CQ Range****Broadcast
Micro HS range**

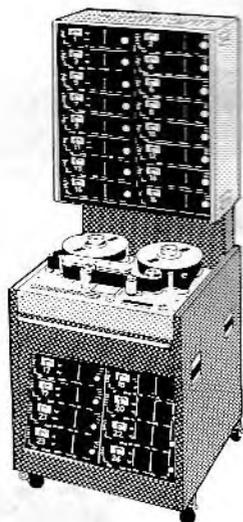
Well-respected British Made units. Broadcast Quality at sensible prices.
Brochures sent upon request.

200 Series**Soundcraft**

A range of high quality, modular, portable mixers which is offered in 8, 16 or 24 channel versions. With four group outputs and 8-Track monitoring, the eight channel version is ideal for location recording as well as live sound work. Brochures sent on request.

SOUNDTRACS**16:8:16**

A well established mixer for the 8/16 track recording market. Clean EQ with a very flexible monitor section which gives 16 extra returns on re-mix.

**STUDER****MULTITRACK RECORDER
A80**

The professional work horse which has been constantly updated to provide modern electronic performance combined with an enviable reputation for reliability. Available in a wide variety of formats from 1" 8 track to 2" 24 track.

STAK-RAK Equipment Racks – see accessories page 30

AUDIO SERVICES STOCKPORT SALES & SERVICING ☎ 06632 4244
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Mosfet 2000

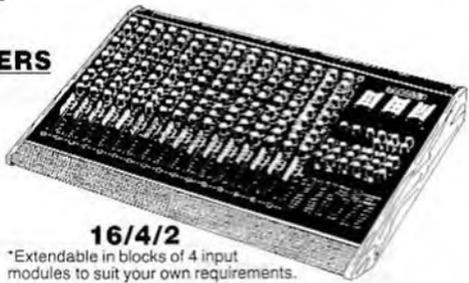
Four discrete amplifiers in one 3RU box.
Each amp in 4 channel mode: 450W rms (4Ω)
Each amp in 2 channel mode: 100W rms (4Ω)
The most compact solution to large power needs.



Mosfet 1000, 500 also available

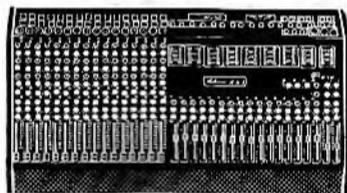


MIXERS



16/4/2

*Extendable in blocks of 4 input modules to suit your own requirements.

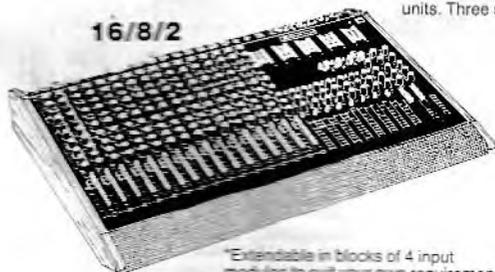


16/16

*Extendable in blocks of 4 input modules to suit your own requirements.

If its good enough for Phil Collins . . . Again, great value for money with the facilities pro-users would need. Grows with extender units. Three section eq, but two sweeps - Mid and Bass.

16/8/2



*Extendable in blocks of 4 input modules to suit your own requirements.

8/4



The best Keyboard Mixer around.

Symetrix

Perhaps the most versatile unit of its type. A dual channel/stereo linkable 1RU device with excellent specification and performance. Highly recommended.

A noise reduction system which does not rely on an encode/decode system to remove noise from audio signals. In addition to "cleaning up" old or noisy tape, the 511 can be used to remove noise, from any, audio equipment such as reverbs, delays etc. Now on demonstration.

522



Compressor/Limiter/
Expander/Gate/Ducker

511



Single-ended noise
reduction

SYNCHRONOUS TECHNOLOGIES

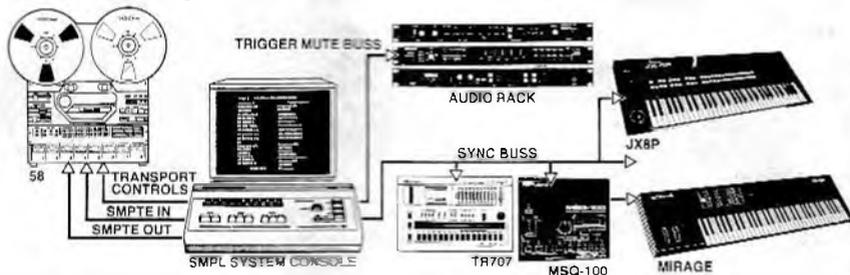
Yesterday it took a lot of money and hassle to implement a truly contemporary Audio for Video Studio. You needed a box to lock a Video transport to the Audio. And boxes to autolocate the Audio and Video transports. And a box to lock and locate the "virtual" MIDI tracks. And more boxes to convert the sync your sequencer likes to the kind your drum set favours. And an engineering degree to tie it all together and work it, and a very friendly banker to help you pay for it. But, today, Sync Tech's SMPL System performs all of these functions and more. In one easy to use, low cost package you get complete Audio editing, Video lock up, Instrument syncing system that includes:

- ★ Chase Lock
- ★ Automatic Punch In/Out
- ★ 10 point Autolocker
- ★ DF, NDF, 25F/S, 24 F/S SMPTE Time Generator
- ★ MIDI Sync/Autolocate
- ★ 8 programmable EVENT gates
- ★ 24, 48, 96, Tick/Beat instrument sync
- ★ Transport remote controls

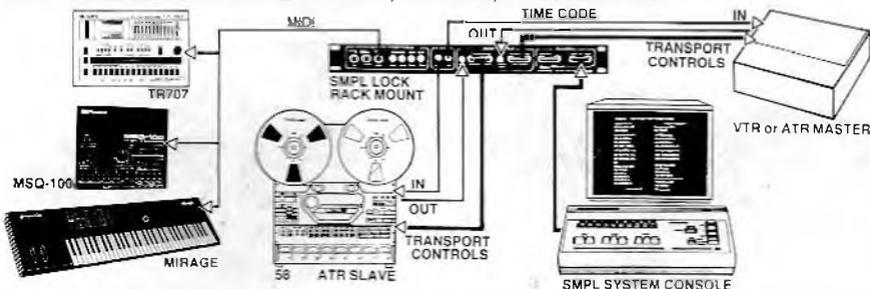
Best of all, the SMPL System is for real - no "gotchas". Works with equipment from every major manufacturer from inexpensive Portable Studios to 2" transports even consumer quality VCR's.

TYPICAL SYSTEM CONFIGURATIONS

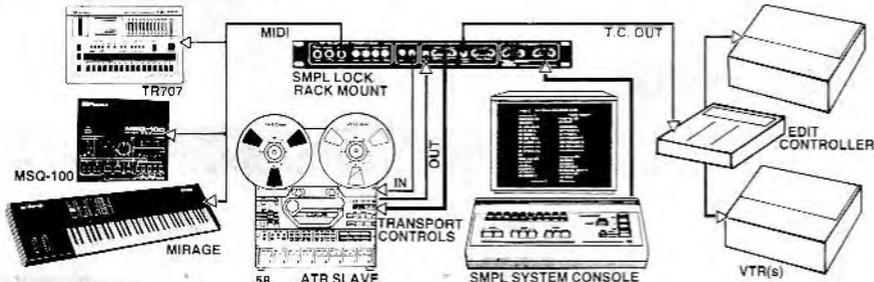
One of the advantages of the SMPL System and it's companion Lock Extension is that it provides an upwardly compatible family of products that can be configured to meet the varied needs of electronic musician, jingle writer, Video production houses and Audio recording studios.



The electronic musician can use the SMPL System console without the lock Extension to provide Programmable Punch and Events, Time Code derived Metronome, Instrument Sync and Transport Autolocate functions.



The addition of the Lock Extension allows for Sync Lock control of the two transports and full MIDI Locate and Lock. All basic SMPL System functions and features are retained. Ideal for the needs of the independent jingle writer or studios seeking to gain tracks by locking audio transports.



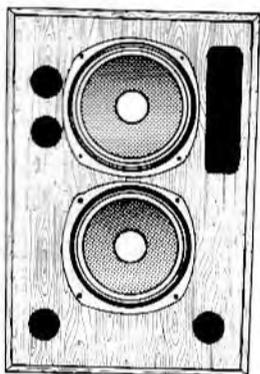
In the full Audio/Video production, SMPL Lock's Chase Mode allows Audio Transports to Chase and follow the action of two or more VTR's in a Video Editing Suite. All basic SMPL System functions as well as MIDI are retained.

UK Distributors - State of the Art (Music) Ltd

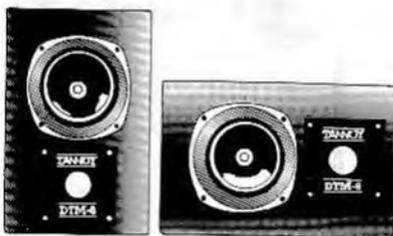
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TANNOY STUDIO MONITORS

21

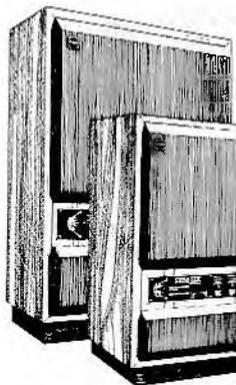


**FSM Studio Monitor
Loudspeaker**



DTM-8 Desk Top Monitor

**M1000 Super Red
(syncsource) 300W (rms)**

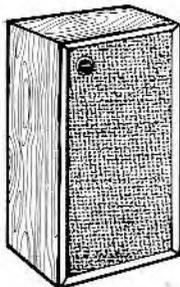


**SRM 15X (syncsource)
300W (rms)**

**SRM12X (syncsource)
200W (rms)**

**SRM12B/Little Red
(syncsource) 200W (rms)**

**SRM 10B (syncsource)
150W (rms)**



**Oxford 100W (rms)
Stratford 75W (rms)**

**Broadcast BM8
(syncsource)
120W (rms)**



**X05000/X06000 Electronic
Frequency Dividing Network**

TANNOY

MULTITRACK RECORDERS

Manufactured by the world's largest supplier of Tape Transports and Discovines, the Tascam range of products offers high standards of construction and reliability with innovative design. With a vast array of products ranging from cables and de-magnetisers to professional 1" 16 Track Recorders, there is always a Tascam alternative.

MS-16

An all new 1" sixteen track recorder. Operating at +4dbm or -10dbm. This machine offers excellent performance with the facilities required by professional users: fully compatible with SMPTE interlock systems, sync play response equal to repro response, extensive monitor selection facilities, Real time counter with return to zero and search to cue functions, 3 Edit modes, VU meters with peak reading leads. Separate transport and electronics etc.

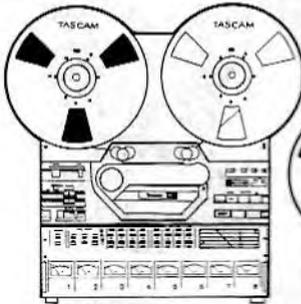
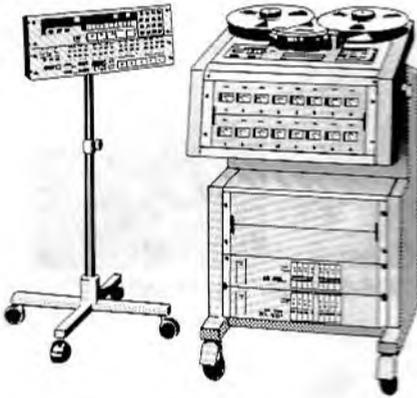
And numerous options:

AQ 65 10 point Autolocator

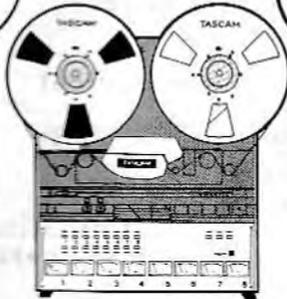
RC 65 Remote Transport Control

DX-8DS DBX Noise reduction

Brochures and information on a wide range of mixers suitable for use with the MS-16 available on request.



58 OB
Pro-Studio range



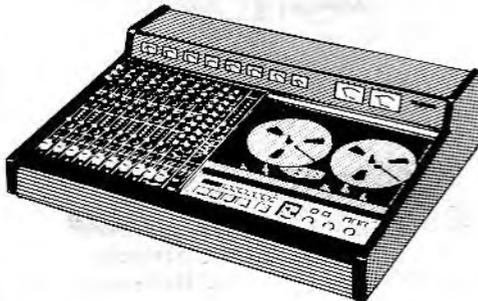
48 OB
Commercial range



38
The ever popular work-horse

1/2" format range of eight track recorders with the professionals and home studio recordists catered for. Brochures sent on request.

388/8 Track Portastudio



The 388 is the first complete 8 channel recording system consisting of a full function 8x2 mixer and a full servo controlled 8 track reel to reel recorder.

The mixer section includes 8 input channel, 8 PGM output busses, L/R stereo busses, Aux buss, Effect buss, two effect return systems and monitor section. Each channel offers a wide range XLR balanced input, 1/4" line input, access send/receive and 3 band parametric EQ's.

The tape transport employs a compact 1/4" tape, 7" reel, 8 track format and a new 3 motor full servo controlled mechanism.

Features include a real time counter, SMPTE compatibility, switchable dbx noise reduction and a special tape load facility which prevents accidental tape release from the reels.

Options include AQ65 Auto locator, RC71 Remote Transport Control and RC30P Remote punch in/out switch.

PICTURE NOT AVAILABLE
AT TIME OF
"GOING TO PRESS"



34B 4 Track Recorder/Reproducer

The new TASCAM 34B is the ultimate AV four track machine. It fulfills all the requirements of the audio-visual market for open reel stereo plus cues and offers a lot more flexibility for the musician.

ATR60

The ATR60 is the first standard stereo format recorder to offer centre track SMPTE facility built into a single head. Since the transport is based on the same chassis as the MS16 this new two track promises to be extremely stable and of the highest mechanical and electronic standards. The ATR60 is the ideal machine to produce stereo masters for linking with video, computer and synth systems.



22-2
Tascams budget 16 track stereo recorder utilizing 7" reels but maintaining 15ips.

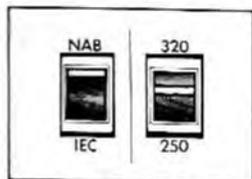


32



52 NB

16" heavy duty master recorder with many features and optional Switchable equalisation and bias, balanced inputs. Rack or console mountable. Varspeed $\pm 15\%$ SMPTE compatible.



42 NB

NOISE REDUCTION

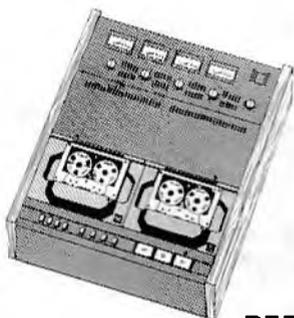
Tascam's professional Noise Reduction unit manufactured under licence from dBx 2 channel simultaneous dBx Type 1 Noise Reduction specifically designed to work with TASCAM Stereo machines, but can be modified to work with any 2 track machine with 10 dBm operating levels. The DX-4D is the 4 channel version of above. This unit can also be modified but is primarily designed to work with the Tascam 4 and 8 track machines.



DX-2D



DX-4D



T2640 MS/SS

The duplicators are designed to provide accurate simultaneous reproduction of up to 21 copies by linking masters with a series of slave consoles. The duplicators run at eight times normal speed. The T2600 series duplicators provide built-in monitoring and can accommodate normal or chrome tapes. Each employs long life ferrite heads and three brushless DC motors. Features include $\pm 3\%$ pitch controls, playback equaliser and automatic rewind.

A high quality cassette to cassette copying system. The system runs at 8x normal speed but is able to copy both sides on one pass. Call for a demonstration, as the quality must be heard to be believed.

PERSONAL MULTITRACK

234



- ★ Features everything you can do with an open reel machine.
- ★ Built in 4 into 2 mixer.
- ★ Internal dBx Noise reduction.
- ★ 1 programme auto locate with tape-shuttle facility.

246 Portastudio



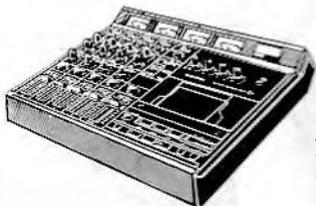
A versatile new top-end four track recorder/mixer which incorporates a 6 input full function mixer and 4 channel 2 speed dBx cassette recorder.

The mixer's six input channels offer input selection, mic/line trim, effect 1 and 2 send level controls, four independent program assign switches.

The mixer section provides four program busses, two effect send busses with master faders, stereo monitor mixing busses and headphone monitoring.

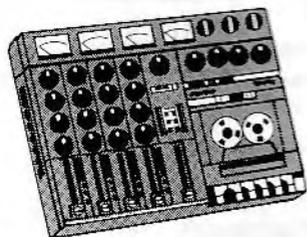
The recorder section provides 9.5 cm/sec and 4.8 cm/sec tape speeds, switchable dBx noise reduction, a digital counter display and a $\pm 12\%$ pitch control.

TASCAM



244 Portastudio

4 channel, 4 track, High speed, 2 band quasi-parametric EQ, insert points, stereo aux sends and returns, dBx noise reduction, 2 headphone sockets, stereo cue O/P, 3 motor logic control – the musician's standard.



Porta 1

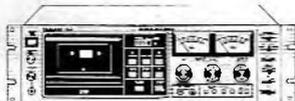
The ideal musical sketch-pad with 4 inputs, eq available per track on re-mix, switchable dBx noise reduction. Simple to use drop-in foot switch and reliable construction, the Porta 1 offers portable four track recording in an unbeatable package.



225

Can be used either as a standard cassette machine or as a basic multi-image recorder for creative recording utilizing independent record mode on/off switches.

RM 225 Rack mount kit available



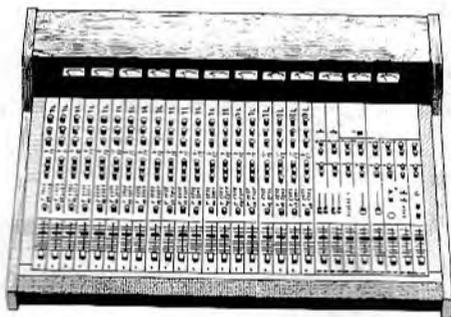
122B

★ Rack mountable ★ Varispeed
★ Two-speed 1 1/2/3x ★ Bal inputs
★ Dolby B&X with patch points for use with external dBx ★ Logic control ★ 3 Head system ★ VU peak LED's



133

Stereo plus cue ★ Audio visual applications. Features: Dolby B integral, with optional dBx. Built in tone generator on cue track allows you to program: endless loop logic.



520

Following Tascam's philosophy of "Built to last" these sturdy consoles offer flexibility and performance to rival those of U.K. manufacturers. The excellent sweep eq. is possibly the best available in this sector of the market. The Model 520 offers comprehensive input/outputs and 3 section sweep equaliser ideal for voice over or video production.

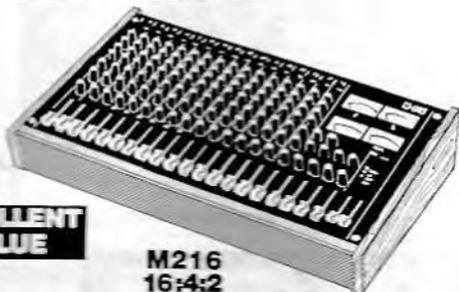
M-300 SERIES MIXING CONSOLES

The M-300 series are designed for the quality conscious recording sound reinforcement engineer. Built to extremely high mechanical and electronic specifications, the 300 series offers a fully professional package. They are available in 8, 12 and 20 input versions all offering mixdown to 4 buss, stereo and mono with 8 track monitoring. All facers are long throw 100mm. Inputs and outputs are suitable for either direct connection to Tascam recorders or +4dBm balanced equipment. Each input has 3 stage eq (2 parametric), 2 aux and effect sends, 4 buss and stereo output selects. Brochure sent on request.

M-200 SERIES MIXING CONSOLES



M208
8:4:2

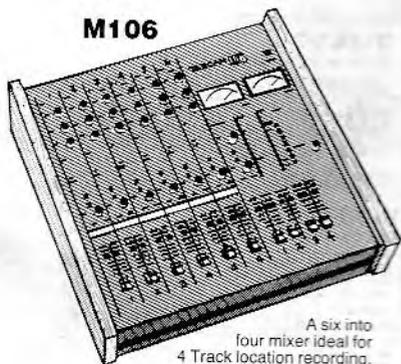


M216
16:4:2

**EXCELLENT
VALUE**

The M200 series mixers are designed for recording live mixing applications. Available in 8 and 16 input versions, the M200 series are slim, compact, 4 buss mixers offering excellent facilities at a lower cost than the 300 series that they replace.

M106



A six into
four mixer ideal for
4 Track location recording.

MB20



M2A

Tascam's basic 6 input, 4 buss mixer for those with less sophisticated requirements.

TASCAM

**MH40B**

High Power 4 Channel Stereo Foldback Amp 19" x 2U

**PE40**

Four band, four channel fully parametric equaliser with high pass and low pass filters. Represents unbelievable value for money. Offering virtually limitless controlling of sound with "User Friendly" controls 2U x 19" rack mounting.

TEAC

At the centre of every TEAC product you'll find the two reasons why they have earned the trust of professionals worldwide. Their dedication to continuous innovation is one. But the route of innovation is what separates TEAC from most other companies. They are in constant consultation with the professionals who will use their products. They talk TEAC now to make products better - more useful - for them. And TEAC listen. That's why their TASCAM studio equipment is the choice of professional musicians and recording engineers all over the world. And why their data recorders are leaders in the instrumentation field. What does this mean to you? Simply that all TEAC audio products embody the finest possible innovations. Each is specifically tailored to enhance your listening pleasure. And each is designed with ease of operation and reliability in mind. Professionals trust TEAC for years of reliable quality. You'll trust TEAC for years of fine audio enjoyment.

HI-FI SYSTEM

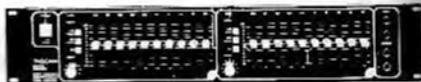
Matching Hi-Fi system, very professional finish, looks and sounds amazing

**PD-11** Compact Disc Player**T-717**

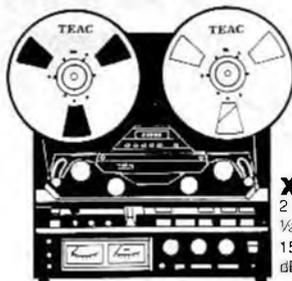
6 AM/6 FM Station Preset Digital Synthesizer Tuner

**R-555**

Auto Reverse Stereo Cassette Deck, Dolby B/C

**A-919** DC Integrated Stereo Amplifier**GE20B**

Dual stereo 10 band equalizer with long throw sliders, 2U x 19" rack mounting or free standing

**MU40 Meter Unit****X-2000M**

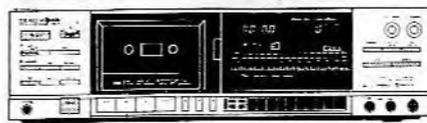
2 track stereo 1/2 track machine. 15ips with integrated Bx type 1.

CASSETTE DECKS**V-330** Basic machine. Dolby B.**V-360C**

Same as above with Dolby B&C.

**V-707RX**

Auto-reverse, Dolby B/c, loads of flashing lights

**V-700** Logic control, 3 head. Dolby B/C.

All cassette machines listed here are well recommended for mastering

UHER

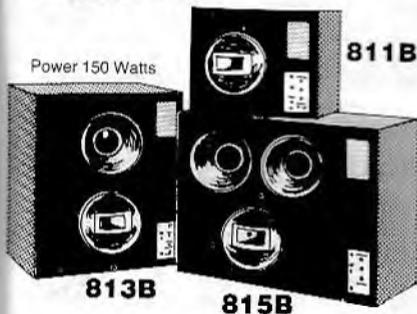
**4200 Report Monitor**

The full range of UHER recorders and accessories are available. The "Report" series portable machines are in three forms - the 4000 mono, the 4200 stereo half-track and the 4400 stereo quartertrack.

STUDIO MONITORS

URi

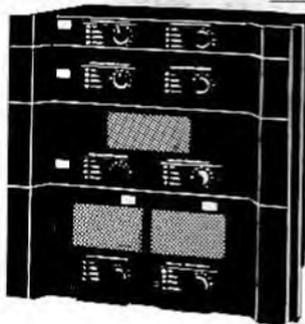
Power 150 Watts



813B

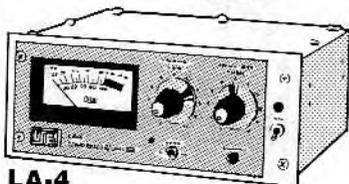
815B

811B

POWER AMPS
6150
80 Watts (RMS-8Ω)

6250
150 Watts (RMS-8Ω)

6300
225 Watts (RMS-8Ω)

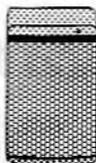
6500
275 Watts (RMS-8Ω)

LA-4
Compressor/Limiter

1176 LN
Compressor
Limiter

1178
Dual Peak
Limiter


VISONIK
COMPACT MONITOR**D9000**

A range of rugged compact monitors, the D6000 has deservedly gained a reputation as a superior studio reference source. With its high power handling, excellent stereo imagery and tonal accuracy, it has few rivals.

D6000

Wolff Test Tapes. See accessories page 31

AUDIO SERVICES STOCKPORT SALES & SERVICING ☎ 06632 4244
LONDON SALES & SERVICING OPENING SHORTLY

URi

VISONIK

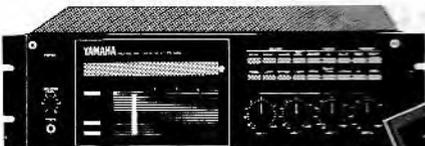
REVERBERATION


REV-7

R-1000

REV-1
REV-1 Remote


DIGITAL DELAY


YDD-2600

The YDD-2600 is a digital delay system for use in a variety of applications from sound reinforcement to film/video production, recording and disc mastering. The system uses advanced LSI technology to maintain wide bandwidth, low distortion and low noise for completely natural sound; there is virtually no difference between the input and output, other than an offset in time. The YDD2600 offers multi-zone delays for live use to ensure the auditorium is time coherent. For studio use, its 8 outputs give incredible depth to sounds given 8 different delay times. Also for disc mastering and satellite/microwave audio links the YDD2600 is literally the "State of the Art".


D1500

Well constructed innovative products, with an envied reputation for reliability.

A sophisticated reverbator utilising custom LSI chips create up to 15 early reflections and up to 99.9ms of decay. A state of the art unit offering impeccable performance.

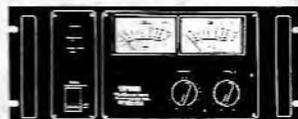
Features include: ★ 4 pre-set reverb decay times
★ 3 band parametric eq on output ★ 10KHz frequency response (about 2K better than EMT plate)
★ Front panel foot switch reverb by-pass jack socket ★ LED input level indicators ★ EQ by-pass switch

The REV-1 is a sophisticated digital signal processor that simulates the natural acoustic properties of virtually any environment, as well as the properties of other conventional reverbation and delay systems. Technically, the REV-1 is the most advanced system available. It is unequalled for broadcast production and recording studio effects, sync and non-sync film, video or multi-image effects, and time delay and/or assisted resonance effects for sound reinforcement.

AMPLIFIERS


PC5002M

2 x 500 watts (RMS-8Ω)


PC2002M

2 x 240 watts (RMS-8Ω)
Both above units are very conservatively rated.

2600 Remote


Another 1 sec full bandwidth digital delay, only with a difference! 16 non-volatile memories selectable via midi. A must for state of the art keyboard rigs.

Now at special low price.

COMPRESSOR/LIMITER


GC2020

A well specified dual channel unit at the right price. With in-built expander/gate per channel.


YAMAHA

GRAPHIC EQ



YAMAHA

29

GQ2031



A dual 31 band equaliser in a 3RU space! Operating balanced or unbalanced this unit is a must for any cost-conscious PA engineer. Also available the GQ1031 a 1RU single channel 31-band unit, at an equally low price.

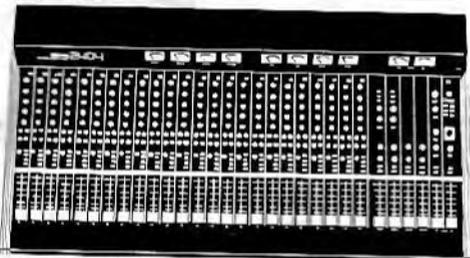
GQ1031



MC 2404

MIXERS

EMX 3000

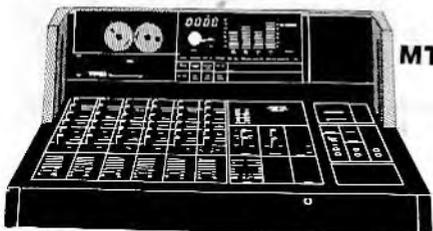


The Yamaha MC series function admirably in any application. Compatible with professional equipment.



12:2-2 cues. 500 Watts Power. Built into carrying case.

PERSONAL MULTITRACK



MT 44D

The MT44D is a high quality four-channel multitrack recorder which uses standard compact cassettes which will allow you to produce multitrack master tapes which approach the quality of those produced on much more costly machines.

Also available. **RM602 RB602 YMC10**

REFERENCE MONITORS

S10X S20X

Yamaha S10X 75 watts
Yamaha S20X 150 watts



SYNTHESIZER

DX-7



The most revolutionary keyboard since such classics as the Fender Rhodes and Hammond C-3 which became instruments in their own right. The DX-7 will definitely be among them going down in the annals of time as being the keyboard of the eighties. The list of features on the DX's are too numerous to mention. Phone or write for detailed spec sheet brochure.

ELECTRONIC CROSS-OVERS



F1030



F1040

AUDIO SERVICES STOCKPORT SALES & SERVICING ☎ 06632 4244
LONDON SALES & SERVICING OPENING SHORTLY

YAMAHA

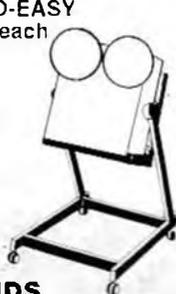


ACCESSORIES

TASCAM CS607
£225



STAND-EASY
£199 each

**TROLLEY STANDS**

Ideal for most makes of table top stereo or multitrack machines. The Stand Easy trolley stands are supplied with castors and are available for machines to be rack mounted or free standing, they have a swivelling carriage that allows you to fix the machine at any angle between vertical and horizontal adding ease to line ups or editing.

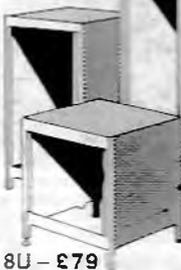
MIXER CONSOLE STANDS
FROM £65**STUDIO RACKS**
STAND-EASY

Rack Link Kit - £10
Heavy duty castors (4) - £25
Cage nuts with plastic washers
(pack of ten) - £4

STAK-RAKS
FROM £55



16U - £99

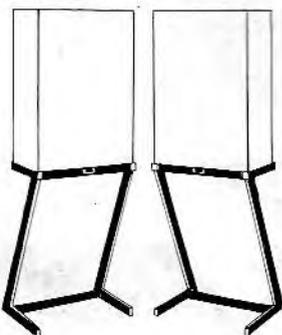


8U - £79

24U - £149



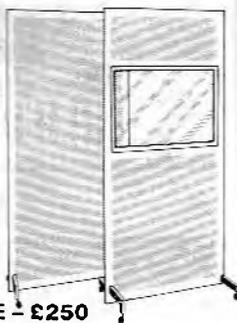
32U - £189

SPEAKER STANDS
FROM £150 per pair**MICROPHONE STANDS**

Small Boom
(for bass drum etc.)
£25
Large Boom
£25



Thread Adaptors
£0.75 each

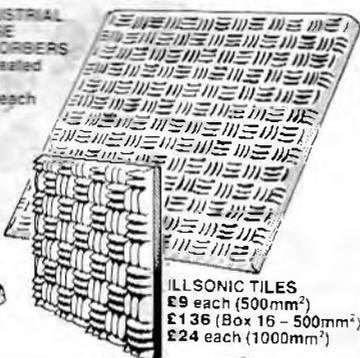
AUDIO SCREENS

QUANTITY DISCOUNTS
- £POA

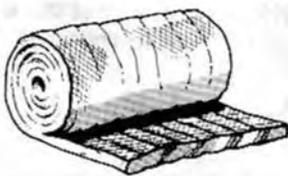
HALF SIZE - £250
FULL SIZE - £300
FULL SIZE (with window) - £325

ACOUSTIC MATERIALS

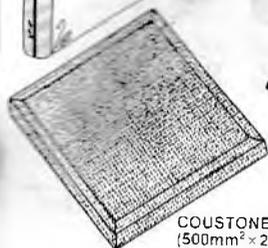
INDUSTRIAL
NOISE
ABSORBERS
(in treated
bag)
£10 each



ILLSONIC TILES
£9 each (500mm²)
£136 (Box 16 - 500mm²)
£24 each (1000mm²)



ROCKWOOL WIRED MAT ROLLS
(36" wide x 4 Mts) £25



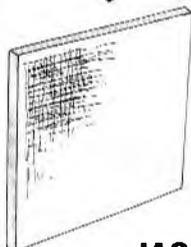
COUSTONE WALL TILE
(500mm² x 28mm thick) £16



HI-DENSITY PVC MAT **£POA**
(for under the underlay carpet)



ROCKWOOL RIGID SLAB
(900mm x 600mm x 50mm)
med-density (pack of 6) £25
hi-density (pack of 4) £25



HESSIAN
FACED SLAB
£POA



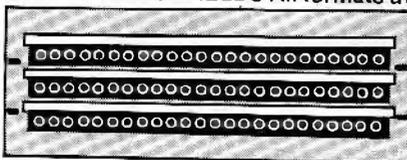
HILTI FIXINGS
FOR MAT & SLAB
£0.30 each



ILLSONIC ADHESIVE TUBES - £4 each

JACKFIELD

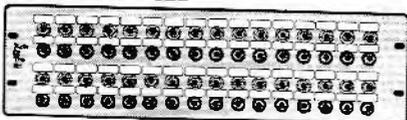
GPO TYPE JACKFIELDS All formats available.



BANTAM JACKFIELDS All formats available.



SOTA JACKFIELD



EMPTY REELS



5" Large hub
Spool & Box
£0.75



7" Large hub
Spool & Box
£1.50



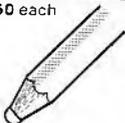
10 1/2" Metal NAB
Spool & Box
1/4" - £10
1/2" - £18
1" - £POA
2" - £POA

ACCESSORIES

SPLICING TAPE
(white - 80ft long)
1/2" - £2.50
1/4" - £5.25
1" - £7.50



CHINAGRAPH PENCILS
£0.50 each



LEADER TAPE
(white, red, green, yellow
blue, clear)
1/4" - £4.00
1/2" - £9.00
1" - £15.50
2" - £28.00



SINGLE SIDED RAZOR BLADES



BOX OF 100 £6
(loose) 10 £1

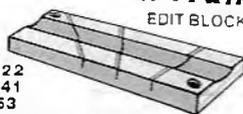
TEAC
E2A BULK ERASER £95



TEAC
E3 HEAD DE-MAG £26



EDITall®
EDIT BLOCKS



1/4" - £22
1/2" - £41
1" - £53
2" (curved bed) - £111
2" (clamped type) - £134

Wobber
TEST TAPES
(MAIN DISTRIBUTORS)
All formats, NAB/IEC
all speeds and widths
£POA



CABLES

Klotz Symm (Bal Mic Cable)



Conventional copper screen. Tough flexible PVC jacket. Ideal for use with XLR's. Available in: Red, Blue, Green, Yellow, Orange and Black. 48p per Mtr.

Klotz unsymm (Phono)



Single screen 4.5mm cable (Black). Ideal for use with phono plugs. 39p Mtr.

Klotz unsymm (Stage Jack)



Single screen 7.2mm cable. 58p Mtr.

Klotz (1 pair installation cable)



Foil screen and drain. 24p Mtr.

Klotz (Multicore foilscreened)



For P.A. applications/studio boxes.

4 pair £1.40	20 pair £4.75
8 pair £2.65	24 pair £5.95
12 pair £3.75	28 pair £6.80
16 pair £4.25	32 pair £7.55

Klotz (Loudspeaker cable)



2x2.5mm co-axial. 65p Mtr.

Esoteric Audio USA (Loudspeaker Cable)



2x7.5mm £3.00 per Mtr.

Powerflex (Mains Cable)



Available in Black, Grey, White and Orange.
3x0.75mm. 40p Mtr.

CONNECTORS



Neutrik XLR

Top quality Swiss crafted

	F.Chas	M.Chas	F.Cable	M.Cable
1-10 units	£1.80	£1.20	£1.80	£1.60
10+ units	£1.50	£0.90	£1.30	£1.10



Neutrik "ZX" Series

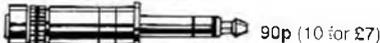
NCMX (M.Cable)	NCFX (F.Cable)	NCMX (M.Chas)	NCFZ (F.Chas)
£1.10	£1.30	£0.90	£1.00
(Chassis - "Non-Latch")			

Mono Jack (Nickel)



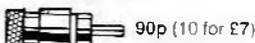
75p (10 for £5)

Stereo Jack (Nickel)



90p (10 for £7)

Phono (Nickel)



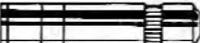
90p (10 for £7)

Mono Jack Socket (Nickel)

£2.00

Stereo Jack Socket (Nickel)

£2.50



Phono Socket



90p

Mono Socket Panel

(Gold Contacts)

80p



Stereo Socket Panel

(Gold Contacts)

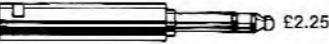
90p



Tiny Telephone Jack "BANTAM" £6



GPO 316 Jack



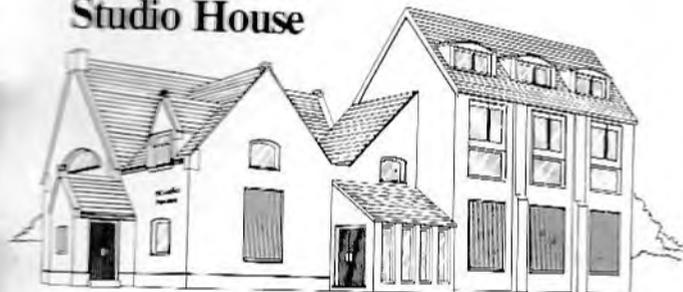
£2.25

GPO Jack "Render"



£4.00

Studio House



BRITAIN'S LARGEST MULTITRACK STORE

OVER SEVEN THOUSAND
SQUARE FEET OF MIXERS,
TAPE MACHINES,
HI-TECHNOLOGY KEYBOARDS
EFFECTS & P.A.

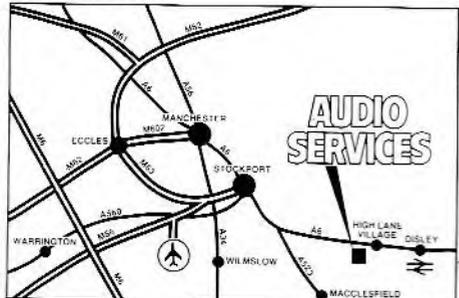
Terms

- 1) Please add VAT to all prices (U.K. purchases).
- 2) Payment by order.
- 3) Payment by cheque (ordinary), please allow 10 days for clearance and delivery.
- 4) Payment by cheque (certified), goods despatched same day.
- 5) Educational & establishment: Goods supplied against official order only.
- 6) All goods in transit are covered by our own insurance.

Brokerage

If you have equipment to sell we can buy direct or sell on your behalf. Our fees are 15% of sale price. We can arrange transportation and storage as well as repairs to equipment offered for sale. The cost of these services are deducted from the sale price. Should you wish to deposit goods with us for sale and then find your own customer, we will charge 5% of sale price to cover cost of storage and insurance.

Location



Worldwide Export & Shipping by Arrangement

Audio Services are pleased to say that, now, an ever increasing proportion of sales go to all corners of the globe. We are able to quote delivered prices to anywhere in the world.

Mail Order



It's so easy to pick up the phone and quote your credit card number. We will despatch the same day by 24 hour carrier service.



7 miles
from
MANCHESTER
AIRPORT

2 miles
from
INTER CITY
BRITISH RAIL

Easy access to
Motorway, yet
nestles in quaint
village.

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