

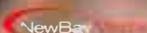
# Radio

THE RADIO TECHNOLOGY LEADER

## 2015 BUYERS GUIDE

Annual Resource Directory

A SUPPLEMENT TO DECEMBER 2014 | [RADIOMAGONLINE.COM](http://RADIOMAGONLINE.COM)



# DAD

THE World's  
Most Powerful  
AND  
Flexible Radio Automation Software



# ENCO

[ENCO.COM](http://ENCO.COM)  
800-ENCO-SYS

[@enocosys](https://twitter.com/enocosys) [fb.com/enocosys](https://facebook.com/enocosys)

# SIX REMOTES IN EVERY BOX



## Merlin PLUS



Rapidly expand your remote capability with 6 simultaneous bidirectional mono connections to IP codecs or smartphones using Report-IT, saving money on hardware costs and reducing rack space requirements.

- \* SmartStream PLUS dual IP streaming
- \* Dual Power Supplies
- \* Dual Ethernet ports
- \* IPv4/v6 Ready



Merlin PLUS at the studio



6 bidirectional mono remotes

**Tieline**<sup>®</sup>  
The Codec Company



**A**s radio professionals, our schedules seem to grow busier and busier. Each year, Radio magazine solicits vendors and compiles its annual buyers guide. This directory is a comprehensive list of companies and manufacturers that you can refer to throughout the year. I would encourage you to take advantage of this directory as a time saving resource when planning your next project. The guide is organized into two parts. First, there is a listing of companies by category. Second, we provide contact information and additional details for each company. If you have any suggestions for improving this guide, please let us know. 



Shane Toven | Editor

## FOLLOW RADIO MAGAZINE

Email | [radio@RadioMagOnline.com](mailto:radio@RadioMagOnline.com)  
 Facebook | [RadioMagazine](#)  
 Twitter | [@RadioMagazine](#)  
 YouTube | [RadioMagOnline](#)  
 LinkedIn | [/groups?gid=3210911](#)  
 Pinterest | [RadioMagazine](#)

## PRODUCT DIRECTORY Index

### PAGE 3

Acoustic and Building Materials  
 Antennas (broadcast)  
 Associations & Organizations  
 Audio Accessories

### PAGE 4

Audio Delay Systems  
 Audio Distribution, Between Locations  
 Audio Loggers  
 Audio Processing, On-Air  
 Audio Processing, Production  
 Audio Routing and Distribution  
 Within a Facility  
 Automation Systems

### PAGE 6

Codecs, Hardware and Software  
 Computers and Peripherals  
 Consultants and Services  
 Content Syndication and Formats  
 Datacasting and Data Multiplexing  
 Dealers and Distributors  
 Digital Audio Editors  
 Electronic and  
 Electric Components  
 Emergency Signaling and Alerting, EAS  
 Equipment Rental and Leasing  
 HD Radio Antennas  
 HD Radio Transmitters  
 Microphone Accessories  
 Microphones  
 Microwave, STL and RPU Equipment

### PAGE 8

RPU Equipment Mixers  
 Music/Production Libraries  
 Power Products, Generators, UPS  
 Profanity Delays  
 Promotional Equipment and Services  
 Racks and Furniture  
 Recording, Storage, Playback and Media  
 Remote Facility Control and  
 Event Controllers  
 RF Accessories, Connectors, Adapters  
 RF Feedline and Waveguide  
 RF Filters, Combiners  
 RF Monitoring

### PAGE 10

Sales Department Solutions  
 Satellite Equipment and Services  
 Scheduling Software  
 Software for Engineering and Mapping  
 Speakers, Headphones and Monitoring  
 Streaming, Internet, Mobile  
 Studio Support and Signaling  
 Subcarrier Equipment for FM  
 System Integrators  
 Telco Interfaces  
 Test and Measurement Equipment

### PAGE 12

Towers and Tower Services  
 Transmitters, Translators and Exciters  
 Vehicles for Remotes  
 Wire, Cables, Connectors and  
 Cable Management

## ACOUSTIC AND BUILDING MATERIALS

Broadcasters General Store  
 BSW  
 DB Elettronica Telecomunicazioni SPA  
 Do Keys  
 Full Compass Systems Ltd.  
 Primacoustic  
 SCMS Inc.  
 WhisperRoom Inc.

## ANTENNAS (BROADCAST)

Alan Dick Broadcast Ltd.  
 AM Ground Systems  
 Broadcast Warehouse Ltd.  
 Broadcasters General Store  
 BSW  
 Clear Channel Satellite  
 DB Elettronica Telecomunicazioni SPA  
 Dielectric LLC  
 Electronics Research Inc. (ERI)  
 Enrico Pietrosanti  
 Jampro Antennas Inc.  
 LBA Group  
 Micronetixx Communications  
 NicomUsa Inc.  
 OMB America  
 Progressive Concepts  
 RF Services Inc.  
 SCMS Inc.  
 Shively Labs  
 Transcom Corp.  
 Transradio SenderSysteme Berlin AG

## ASSOCIATIONS & ORGANIZATIONS

Grace Broadcast Sales

## AUDIO ACCESSORIES

AEQ Broadcast International Inc.  
 Audio-Technica U.S. Inc.  
 AudioScience Inc.  
 Broadcast Tools Inc.  
 Broadcast Warehouse Ltd.  
 Broadcasters General Store  
 BSW  
 DB Elettronica Telecomunicazioni SPA  
 DM Engineering  
 Do Keys  
 ESE  
 Full Compass Systems Ltd.  
 GatesAir  
 Glensound  
 JK Audio Inc.  
 Logitek Electronic Systems  
 Media Engineering  
 meduci  
 On-Air Lights  
 Progressive Concepts

## AUDIO ACCESSORIES

(CONTINUED)

SCMS Inc.  
Sierra Automated Systems & Engineering Corp.  
Sonifex Ltd.  
Wheatstone Corp.  
WhisperRoom Inc.  
Yellowtec USA

## AUDIO DELAY SYSTEMS

25-Seven Systems  
Axel Technology  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
Clear Channel Satellite  
DHD Deubner Hoffmann Digital GmbH  
Eventide  
Full Compass Systems Ltd.  
Junger Audio  
Logitek Electronic Systems  
Progressive Concepts  
SCMS Inc.  
Sonifex Ltd.

## AUDIO DISTRIBUTION, BETWEEN LOCATIONS

AEQ Broadcast International Inc.  
Arrakis Systems  
AudioScience Inc.  
AVT Audio Video Technologies GmbH  
Axia Audio, a Telos Alliance Company  
Broadcast Tools Inc.  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
Clear Channel Satellite  
DB Elettronica Telecomunicazioni SPA  
DEVA Broadcast LLC  
ENCO Systems Inc.  
Enrico Pietrosanti  
Full Compass Systems Ltd.  
GatesAir  
Glensound  
Inovonics

International Datacasting Corp. (IDC)  
Progressive Concepts  
RF Services Inc.  
SCMS Inc.  
Sierra Automated Systems & Engineering Corp.  
Sonifex Ltd.  
Telos Systems, a Telos Alliance company  
Tieline USA  
Wheatstone Corp.  
WorldCast Systems

## AUDIO LOGGERS

AudioScience Inc.  
Axel Technology  
Axia Audio, a Telos Alliance Company  
Broadcast Electronics / Commotion  
Broadcast Software International  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
DB Elettronica Telecomunicazioni SPA  
Digital JukeBox  
Enrico Pietrosanti  
Junger Audio  
OPNS  
Pristine Systems Corp.  
Progressive Concepts  
SCMS Inc.  
Sonifex Ltd.  
Telos Systems, a Telos Alliance company  
WinMedia

## AUDIO PROCESSING, ON-AIR

AEQ Broadcast International Inc.  
Arrakis Systems  
AudioScience Inc.  
Axel Technology  
Broadcast Software International  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
DaySequerra  
DB Elettronica Telecomunicazioni SPA

DEVA Broadcast LLC  
DHD Deubner Hoffmann Digital GmbH  
DM Engineering  
Enrico Pietrosanti  
Inovonics  
Junger Audio  
Logitek Electronic Systems  
Media Engineering  
Nautel  
Netia-Globecast Group  
Omnia Audio  
OPNS  
Orban  
Progressive Concepts  
SCMS Inc.  
Sierra Automated Systems & Engineering Corp.  
Wheatstone Corp.  
WorldCast Systems

## AUDIO PROCESSING, PRODUCTION

AEQ Broadcast International Inc.  
Arrakis Systems  
AudioScience Inc.  
AVT Audio Video Technologies GmbH  
Axel Technology  
Broadcast Software International  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
Crane Song Ltd.  
DaySequerra  
DB Elettronica Telecomunicazioni SPA  
DEVA Broadcast LLC  
DM Engineering  
Enrico Pietrosanti  
Eventide  
Inovonics  
Junger Audio  
Media Engineering  
Netia-Globecast Group  
Omnia Audio  
OPNS  
Orban  
PreSonus Audio Electronics  
Progressive Concepts  
Radial Engineering Ltd.  
SCMS Inc.  
Sierra Automated Systems & Engineering Corp.  
Wheatstone Corp.  
Yellowtec USA

## AUDIO ROUTING AND DISTRIBUTION WITHIN A FACILITY

AEQ Broadcast International Inc.  
Arctic Palm Technology Inc.  
Arrakis Systems  
Audinate  
AudioScience Inc.  
Axia Audio, a Telos Alliance Company  
Broadcast Tools Inc.  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
Clear Channel Satellite  
DHD Deubner Hoffmann Digital GmbH  
DM Engineering  
Enrico Pietrosanti  
GatesAir  
Junger Audio  
Lectrosonics Inc.  
Logitek Electronic Systems  
Media Engineering  
Pristine Systems Corp.  
Progressive Concepts  
Radial Engineering Ltd.  
SCMS Inc.  
Sierra Automated Systems & Engineering Corp.  
Sonifex Ltd.  
Wheatstone Corp.

## AUTOMATION SYSTEMS

AEQ Broadcast International Inc.  
Arrakis Systems  
AudioScience Inc.  
Axel Technology  
Broadcast Electronics / Commotion  
Broadcast Software International  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
DB Elettronica Telecomunicazioni SPA  
Digital JukeBox  
Do Keys  
Efficio Solutions Inc.  
ENCO Systems Inc.  
Enrico Pietrosanti  
Music 1 Inc.  
Netia-Globecast Group  
OPNS  
Pristine Systems Corp.  
Progressive Concepts  
RCS  
SCMS Inc.



**RF Specialties<sup>®</sup>**  
**Group**  
www.rfspecialties.com



## STAC VIP

VoIP TELEPHONE TALKSHOW SYSTEM



**Change is inevitable.** Antiquated POTS phones are being replaced by smartphones and VoIP. This is a great thing for radio provided that you have a caller management system designed to take advantage of the new technology. Enter the STAC VIP Telephone Talkshow System. With features like PBX integration, advanced web-based call screening and high-quality (HD Voice) caller audio, STAC VIP brings heroic performance and value to your station. Take traditional POTS calls while allowing VoIP and SIP callers to sound like they're in the studio with you. *Contact a COMREX dealer to learn more!*

19 Pine Road, Coopers NJ 07434 [www.comrex.com](http://www.comrex.com)

**COMREX**  
BROADBAND RELIABLE  
World Radio History

[info@comrex.com](mailto:info@comrex.com) 1-800-232-1776



## **AUTOMATION SYSTEMS**

(CONTINUED)

Sierra Automated Systems  
& Engineering Corp.  
Smarts Broadcast Systems  
StationPlaylist.com  
Streann Media  
WinMedia

## **CODECS, HARDWARE AND SOFTWARE**

AEQ Broadcast International Inc.  
AudioScience Inc.  
AVT Audio Video  
Technologies GmbH  
Axel Technology  
Broadcast Tools Inc.  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
Clear Channel Satellite  
Comrex Corp.  
Enrico Pietrosanti  
GatesAir  
Glensound  
International Datacasting Corp.  
(IDC)  
JK Audio Inc.  
Junger Audio  
Media Engineering  
OPNS  
Pristine Systems Corp.  
Progressive Concepts  
SCMS Inc.  
Sierra Automated Systems &  
Engineering Corp.  
Sonifex Ltd.  
Telos Systems,  
a Telos Alliance company  
Tieline USA  
WorldCast Systems

## **COMPUTERS AND PERIPHERALS**

ACScout  
AudioScience Inc.  
Broadcast Software International  
Broadcasters General Store  
BSW  
Digital JukeBox  
Do Keys  
Glensound  
PreSonus Audio Electronics  
Pristine Systems Corp.  
Progressive Concepts  
SCMS Inc.  
WinMedia

## **CONSULTANTS AND SERVICES**

AEQ Broadcast International Inc.  
AM Ground Systems  
Broadcast Engineering  
Services of Tom Driggers  
Broadcast Warehouse Ltd.  
Continental Electronics Corp.  
Evans Engineering Solutions  
Grace Broadcast Sales  
Graham Brock Inc.  
JHBC Broadcast Consulting GmbH  
LBA Group  
Media Engineering  
Media Masters  
meduci  
OPNS  
Progressive Concepts

## **CONTENT SYNDICATION AND FORMATS**

Grace Broadcast Sales  
Media Masters

## **DATACASTING AND DATA MULTIPLEXING**

Arctic Palm Technology Inc.  
Broadcast Electronics / Commotion  
Clear Channel Satellite  
Inovonics  
International Datacasting Corp.  
(IDC)  
Transradio SenderSysteme  
Berlin AG  
WorldCast Systems

## **DEALERS AND DISTRIBUTORS**

Broadcast Engineering  
Services of Tom Driggers  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
DB Elettronica  
Telecomunicazioni SPA  
DoubleRadius Inc.  
Enrico Pietrosanti  
Full Compass Systems Ltd.  
Glensound  
Independent Audio, Inc.  
Media Engineering  
meduci  
Progressive Concepts  
SCMS Inc.  
Transcom Corp.

## **DIGITAL AUDIO EDITORS**

Axel Technology

Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
Full Compass Systems Ltd.  
Netia-Globecast Group  
PreSonus Audio Electronics  
Pristine Systems Corp.  
SCMS Inc.

## **ELECTRONIC AND ELECTRIC COMPONENTS**

ACScout  
AudioScience Inc.  
BSW  
Do Keys  
Econco  
Elenos SRL  
meduci  
Progressive Concepts

## **EMERGENCY SIGNALING AND ALERTING, EAS**

Broadcasters General Store  
BSW  
Digital Alert Systems  
DM Engineering  
Gorman Redlich Mfg. Co.  
Progressive Concepts  
Sage Alerting Systems  
SCMS Inc.  
Sonifex Ltd.  
Transradio SenderSysteme  
Berlin AG

## **EQUIPMENT RENTAL AND LEASING**

AEQ Broadcast International Inc.  
Enrico Pietrosanti  
Glensound  
SCMS Inc.

## **HD RADIO ANTENNAS**

Alan Dick Broadcast Ltd.  
Broadcasters General Store  
BSW  
Dielectric LLC  
Electronics Research Inc. (ERI)  
Enrico Pietrosanti  
Jampro Antennas Inc.  
LBA Group  
Micronetixx Communications  
RF Services Inc.  
SCMS Inc.  
Shively Labs  
Transcom Corp.  
Transradio SenderSysteme  
Berlin AG

## **HD RADIO TRANSMITTERS**

Broadcast Electronics / Commotion  
Broadcasters General Store  
BSW  
Continental Electronics Corp.  
Elenos SRL  
Enrico Pietrosanti  
GatesAir  
Nautel  
RF Services Inc.  
Rohde & Schwarz GmbH & Co. KG  
SCMS Inc.  
Transradio SenderSysteme  
Berlin AG

## **MICROPHONE ACCESSORIES**

Audio-Technica U.S. Inc.  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
DB Elettronica  
Telecomunicazioni SPA  
DM Engineering  
DPA Microphones  
Full Compass Systems Ltd.  
Glensound  
Heil Sound Ltd.  
JK Audio Inc.  
Lectrosonics Inc.  
Progressive Concepts  
SCMS Inc.

## **MICROPHONES**

Audio-Technica U.S. Inc.  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
DB Elettronica  
Telecomunicazioni SPA  
DPA Microphones  
Electro-Voice  
Full Compass Systems Ltd.  
Heil Sound Ltd.  
Lectrosonics Inc.  
PreSonus Audio Electronics  
Progressive Concepts  
SCMS Inc.

## **MICROWAVE, STL AND RPU EQUIPMENT**

AVT Audio Video  
Technologies GmbH  
Broadcast Electronics / Commotion  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW

INTRODUCING

# AARON 650

FM REBROADCAST RECEIVER



## For Challenging Reception Scenarios.



### OFF AIR PROWESS

Our unique Software Defined Radio (SDR) front-end delivers unparalleled sensitivity, selectivity, and RF shielding. And with Composite-Regeneration mode snuffing out unwanted baseband noise, you get cleaner audio in locations you never thought possible.



### RECEPTION TOOLS

Zoom in on frequency issues with the built in BandScanner™ and MPX FFT, or use Active and Manual reception processing for total control over Bandwidth, Blend, Multipath Mitigation and more.



### AUDIO PROTECTION

Whether you utilize 'Hijack' prevention, SD Card or Web Stream Audio Failover, you'll never have dead air. Plus with remote Web listening, Email/SMS notifications and SNMP you'll know (and be able to verify) immediately when things go wrong.

Live **YouTube** demo @ [www.inovonicsbroadcast.com/model/650](http://www.inovonicsbroadcast.com/model/650)

More in/output options:



# PRODUCT DIRECTORY

## RF MONITORING

(continued)

Davicom, a division of Comlab Inc.  
DaySequerra  
DEVA Broadcast LLC  
Dielectric LLC  
Enrico Pietrosanti  
GatesAir  
Inovonics  
Jampro Antennas, INC.  
LBA Group  
Media Engineering  
meduci  
OMB America  
Progressive Concepts  
Rohde & Schwarz GmbH & Co. KG  
SCMS Inc.  
Transcom Corp.  
WorldCast Systems

## SALES DEPARTMENT SOLUTIONS

DB Elettronica  
Telecomunicazioni SPA  
Efficio Solutions Inc.  
Enrico Pietrosanti  
Grace Broadcast Sales  
Matrix Solutions  
WinMedia

## SATELLITE EQUIPMENT AND SERVICES

Broadcast Tools Inc.  
Broadcasters General Store  
BSW  
Clear Channel Satellite  
DVEO division of  
Computer Modules Inc.  
International Datacasting Corp.  
(IDC)  
SCMS Inc.  
TeamCast

## SCHEDULING SOFTWARE

AEQ Broadcast International Inc.  
Arctic Palm Technology Inc.  
Arrakis Systems  
Axel Technology  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
Digital JukeBox  
ENCO Systems Inc.  
Inovonics  
Media Masters  
Music 1 Inc.  
MusicMaster Software  
Netia-Globecast Group

OPNS  
Pristine Systems Corp.  
Progressive Concepts  
RCS  
StationPlaylist.com  
Streann Media  
WinMedia

## SOFTWARE FOR ENGINEERING AND MAPPING

Arrakis Systems  
BSW  
Elenos SRL  
Enrico Pietrosanti  
OPNS

## SPEAKERS, HEADPHONES AND MONITORING

AEQ Broadcast International Inc.  
Audio-Technica U.S. Inc.  
Broadcast Tools Inc.  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
DaySequerra  
DM Engineering  
Full Compass Systems Ltd.  
GlenSound  
Heil Sound Ltd.  
JK Audio Inc.  
PreSonus Audio Electronics  
Progressive Concepts  
SCMS Inc.  
Sierra Automated Systems & Engineering Corp.  
Sonifex Ltd.

## STREAMING, INTERNET, MOBILE

Arctic Palm Technology Inc.  
AVT Audio Video  
Technologies GmbH  
Broadcast Electronics / Commotion  
Broadcast Software International  
Broadcast Tools Inc.  
Broadcast Warehouse Ltd.  
BSW  
Clear Channel Satellite  
Comrex Corp.  
DEVA Broadcast LLC  
Digital JukeBox  
DVEO division of  
Computer Modules Inc.  
Elenos SRL  
Enrico Pietrosanti  
Hipcricket  
Inovonics

JK Audio Inc.  
Media Engineering  
Omnia Audio  
Orban  
Progressive Concepts  
SCMS Inc.  
Securenet Systems  
Sierra Automated Systems & Engineering Corp.  
Sonifex Ltd.  
StationPlaylist.com  
StreamGuys  
Streann Media  
Telos Systems,  
a Telos Alliance company  
Tieline USA  
Wheatstone Corp.

## STUDIO SUPPORT AND SIGNALING

AEQ Broadcast International Inc.  
Broadcast Tools Inc.  
Broadcasters General Store  
BSW  
Clear Channel Satellite  
DM Engineering  
Media Engineering  
On-Air Lights  
Progressive Concepts  
Rohde & Schwarz GmbH & Co. KG  
SCMS Inc.  
Sierra Automated Systems & Engineering Corp.  
Sonifex Ltd.  
Yellowtec USA

## SUBCARRIER EQUIPMENT FOR FM

Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
DEVA Broadcast LLC  
Enrico Pietrosanti  
Inovonics  
Progressive Concepts  
SCMS Inc.

## SYSTEM INTEGRATORS

AEQ Broadcast International Inc.  
Axel Technology  
Broadcast Engineering Services  
of Tom Driggers  
Digital JukeBox  
DoubleRadius Inc.  
Elenos SRL  
Enrico Pietrosanti  
Media Engineering

Sierra Automated Systems & Engineering Corp.  
Transradio SenderSysteme  
Berlin AG

## TELCO INTERFACES

AEQ Broadcast International Inc.  
Arctic Palm Technology Inc.  
AVT Audio Video  
Technologies GmbH  
Broadcast Tools Inc.  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
Clear Channel Satellite  
Comrex Corp.  
DM Engineering  
DVEO division of  
Computer Modules Inc.  
GlenSound  
JK Audio Inc.  
Media Engineering  
Progressive Concepts  
SCMS Inc.  
Sierra Automated Systems & Engineering Corp.  
Sonifex Ltd.  
Telos Systems  
a Telos Alliance company  
Yellowtec USA

## TEST AND MEASUREMENT EQUIPMENT

ACScout  
Audio Precision  
Axel Technology  
Belar Electronics Laboratory Inc.  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
Burk Technology  
Coaxial Dynamics  
Crown Broadcast IREC  
DB Elettronica  
Telecomunicazioni SPA  
DEVA Broadcast LLC  
Enrico Pietrosanti  
ESE  
Full Compass Systems Ltd.  
Gorman Redlich Mfg. Co.  
Inovonics  
Junger Audio  
LBA Group  
Media Engineering  
NicomUsa Inc.  
Progressive Concepts  
Rohde & Schwarz GmbH & Co. KG

ON THE AIR

## SANITIZED FOR YOUR PROTECTION

SOME WORDS SHOULD BE OBSCENE AND NOT HEARD



Eventide Broadcast Delays are designed to keep profanity off your air, and angry listeners, embarrassed advertisers, and the FCC off your back. We invented the obscenity delay and have a solution for stations large and small that provides up to 80 seconds of the highest quality revenue and license-protecting delay.

Our new HD compatible BD600, 24-bit delay, comes standard with AES/EBU, and provides up to 80 seconds of memory — twice as much as other delays. There are fully adjustable Delay and Dump functions, and a Sneeze function which "edits" audio entering the delay, allowing the host to sneeze, cough, or make a short comment without being heard on air.

The BD600 offers two different methods of delay buildup and

reduction: Eventide's catch-up and catch-down system, and an exclusive fast-entry-and-exit feature which allows starting a broadcast with the delay already built up to a safe amount and ending it with a rapid reduction of delay.

For HD, the BD600 offers MicroPrecision Delay™ mode which allows up to 10 seconds of delay to be adjusted in real time in 100 nanosecond increments. This is useful for synchronizing analog and digital signals while on-air, without audible artifacts, to maintain a seamless user experience.

Whatever your size, whatever your format, you can't expect to protect the integrity of your air and the foundation of your business without an Eventide Broadcast Delay in your rack.

# Eventide

HD COMPATIBLE

Eventide is a registered trademark and MicroPrecision Delay is a trademark of Eventide Inc. ©2005 Eventide Inc.  
World Radio History

# PRODUCT DIRECTORY

## TEST AND MEASUREMENT EQUIPMENT

(continued)

SCMS Inc.  
WorldCast Systems

## TOWERS AND TOWER SERVICES

Alan Dick Broadcast Ltd.  
AM Ground Systems

Broadcasters General Store  
DoubleRadius Inc.  
Electronics Research Inc. (ERI)  
Jampro Antennas Inc.  
LBA Group  
Progressive Concepts  
Sabre Towers and Poles  
SCMS Inc.  
Thermo Bond Buildings, LLC

## TRANSMITTERS, TRANSLATORS AND EXCITERS

AM Ground Systems  
Broadcast Electronics / Commotion  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
Clear Channel Satellite  
Continental Electronics Corp.

Crown Broadcast IREC  
Davicom, a division of Comlab Inc.  
DB Elettronica  
Telecomunicazioni SPA  
DEVA Broadcast LLC  
Econco  
Elenos SRL  
Enrico Pietrosanti  
GatesAir  
Media Engineering  
Nautel  
NicomUsa Inc.  
Progressive Concepts  
Rohde & Schwarz GmbH & Co. KG  
SCMS Inc.  
TeamCast  
Transcom Corp.  
Transradio SenderSysteme  
Berlin AG  
WorldCast Systems

## VEHICLES FOR REMOTES

Enrico Pietrosanti  
Glensound

## WIRE, CABLES, CONNECTORS AND CABLE MANAGEMENT

AEQ Broadcast International Inc.  
Broadcast Warehouse Ltd.  
Broadcasters General Store  
BSW  
Clear Channel Satellite  
DB Elettronica  
Telecomunicazioni SPA  
Full Compass Systems Ltd.  
Heil Sound Ltd.  
LBA Group  
OMB America  
Progressive Concepts  
SCMS Inc.  
Transcom Corp.

# THIS WILL KEEP YOU ON THE AIR



The ARC Plus Touch is designed front to back with one important mission... **Keeping you on the air.** From the intuitive touch screen to the new tablet-ready web page, from SmartPhone to dialup, you are never out of touch.

No time to install a new system? No problem. With Burk's new ARC Plus Touch and Plus-X Adapters there's no rewiring. **Just swap plugs and go.** The new adapters replace an ARC-16, GSC 3000, VRC 2500, VRC 2000, VRC 1000, TC-8, or even a Sine RFP-1, **in less than an hour.**

**Easy install. No wiring changes. Less downtime.**

SOLUTIONS YOU CAN USE.  
EXPERIENCE YOU CAN TRUST.

**BURK**  
TECHNOLOGY  
[www.burk.com/upgrade](http://www.burk.com/upgrade)

Call today.  
978-486-0086 x7200  
[www.burk.com/upgrade](http://www.burk.com/upgrade)  
[upgrade@burk.com](mailto:upgrade@burk.com)



#

## 25-SEVEN SYSTEMS

1241 Superior Ave.  
Cleveland, OH 44114  
Geoff Steadman, President of  
25-Seven Systems  
Phone: 216-241-7225

E-mail: [geoff.steadman@telosalliance.com](mailto:geoff.steadman@telosalliance.com)  
Website: [www.telosalliance.com](http://www.telosalliance.com)

**Products and Services:** 25-Seven Systems specializes in audio technologies and products that address unique problems facing radio broadcasters, networks and content providers. Our broadcast delays, time management and processing products result in more efficient and profitable radio operations.

## 2WCOM SYSTEMS

Am Sophienhof 8 DE-24941  
Flensburg, Germany  
Barbara Petersen, Sales & Marketing  
Phone: +49 461 6628300  
E-mail: [contact@2wcom.com](mailto:contact@2wcom.com)  
Website: [www.2wcom.com](http://www.2wcom.com)

**Products and Services:** 2wcom is an established worldwide manufacturer and supplier of professional broadcast products in the fields of FM, RDS, DAB, DAB+, DVB-S, DVB-S2 and DVB-T. We offer complete DVB-S/S2 audio/IP satellite system solutions from end to end including professional encoders, modulators and a highly reliable IRD product range.

A

## AC TRANSFORMER CORP.

89 Madison St  
Newark, NJ 07105  
866-306-0643  
[acinfo@actransformer.com](mailto:acinfo@actransformer.com)  
[www.actransformer.com](http://www.actransformer.com)

**Products/Services:** Custom transformer manufacturing

## ACSCOUT

7020 Huntley Rd., Suite A  
Columbus, OH 43229  
Phone: 614-436-2300  
E-mail: [sales@acscout.com](mailto:sales@acscout.com)  
Website: [www.acscout.com](http://www.acscout.com)

**Products and Services:** ACScout provides simple and affordable AC power monitoring solutions for residential, commercial, local, and remote applications.

## ACOUSTICSFIRST

2247 Tomlyn Street, Richmond, VA 23230  
Nick Colleran  
Phone: 804-342-2900  
E-mail: [nick@acousticsfirst.com](mailto:nick@acousticsfirst.com)  
Website: [www.acousticsfirst.com](http://www.acousticsfirst.com)

## AEQ BROADCAST INTERNATIONAL INC.

4121 Southwest 47th Ave., Suite 1303  
Fort Lauderdale, FL 33314  
Peter Howarth, Management,  
Business Coordination  
Phone: 800-728-0536  
E-mail: [sales@aeqbroadcast.com](mailto:sales@aeqbroadcast.com)  
Website: [www.aeqbroadcast.com](http://www.aeqbroadcast.com)

**Products and Services:** For more than 30 years AEQ has been developing communications equipment, audio mixers, routing systems and other solutions for the broadcasting industry. AEQ is a well known equipment and service provider at international sport events. AEQ has worldwide presence through distributor network and holds offices in USA, Portugal and Spain.

## ALAN DICK BROADCAST LTD.

Unit 1.2 Andoversford Industrial Estate  
Cheltenham, Gloucestershire GL54 4LB  
United Kingdom  
Sonia Del Castillo,  
Sales & Marketing Administrator  
Phone: +44 1242 820976  
E-mail: [sonia.delcastillo@alandickbroadcast.com](mailto:sonia.delcastillo@alandickbroadcast.com)  
Website: [www.alandickbroadcast.com](http://www.alandickbroadcast.com)

**Products and Services:** UK-based Alan Dick Broadcast (ADBL) is a long-established global leader in the manufacture of antennas, combiners/filters, towers and broadcast infrastructure services for digital and analog video and audio systems. Our portfolio starts at concept and runs through planning site development, station equipment, towers, antennas, full implementation and testing service.

## ALDENA TELECOMUNICAZIONI SRL

Via per Vighignolo 6/8  
Settimo Milanese (MI), Italy 20019 Italy  
Carlo Perotta, Sales  
Phone: +39 290390461  
E-mail: [aldena@aldena.it](mailto:aldena@aldena.it)  
Website: [www.aldena.it](http://www.aldena.it)  
*Aldena Telecomunicazioni SRL continued >*



## Ignite the Airwaves

It starts with producing great content. It ends with engaging your audience.

We emphasized the value of turnkey broadcast solutions as Harris Broadcast – a history that continues today with GatesAir.

Networked solutions to work efficiently and creatively across studios. Cutting-edge transport solutions to reliably move program audio across any network or connection. Cost-reducing transmission architectures to maximize revenue-generating opportunities across analog and digital broadcasts.

Realize your over-the-air potential with GatesAir.



**Connecting What's Next**

1.513.459.3400  
[www.gatesair.com](http://www.gatesair.com)

*Alдена Telecomunicazioni SRL continued* ▶

**Products and Services:** ALDENNA has more than 30 years experience in broadcasting. Products: radio & television antenna systems, tower spines & mechanical structures, patch panels, filters & combiners, cables connectors & accessories, RF design EMLAB software. Services: antenna design, network planning, on site support, commissioning, in factory tests and training.

## **ALERT FM**

308 E. Pearl St., Suite 202  
Jackson, MS 39201-3419  
Matt Straeb, Exec Vice President  
Phone: 601-709-4240  
E-mail: [mstraeb@gssnet.us](mailto:mstraeb@gssnet.us)  
Website: [www.alertfm.com](http://www.alertfm.com)

**Products and Services:** Alert FM/Alert Studio are text/voice-based emergency notification systems used by state/local governments. Alert Studio can originate CAP-based messages through media broadcasting, FM data subcarriers, SMS, email, smart phone applications, and social media. Alert FM uses FM radio stations to provide redundant emergency notification capability.

## **ALTRONIC RESEARCH INC.**

621 Hwy. 202 W., PO Box 249  
Yellville, AR 72687  
Doug Starkey, Sales  
Phone: 870-449-4093  
E-mail: [dstarkey@altronic.com](mailto:dstarkey@altronic.com)  
Website: [www.altronic.com](http://www.altronic.com)

**Products and Services:** RF Coaxial Dummy Loads from 1kW to 1500kW available in air-cooled, water-cooled, soda/water systems and self-contained heat exchangers operating from 60hz to 870Mhz. Water cooled calorimetry systems available also as stand alone or built in to dummy load. High power cermet resistor available.

## **AM GROUND SYSTEMS**

51 Ridge Lane  
Lawrenceburg, TN 38464  
Kevin Kidd, Owner  
Phone: 866-227-2346  
E-mail: [agscradio2014@amgroundsystems.com](mailto:agscradio2014@amgroundsystems.com)  
Website: [www.amgroundsystems.com](http://www.amgroundsystems.com)  
**Products and Services:** Physical AM site services featuring AM Ground System construction, inspection and repair. Specialties include MoM preparation, due diligence and theft remediation.

## **ARCTIC PALM TECHNOLOGY INC.**

11 Camelot Cres  
London, Ontario N5V 3L4 Canada  
Stu Buck, President  
Phone: 519-452-0002  
E-mail: [sales@arcticpalm.com](mailto:sales@arcticpalm.com)  
Website: [www.arcticpalm.com](http://www.arcticpalm.com)

**Products and Services:** Specializing in software for broadcasting including our award winning Center Stage Live and its advanced datacasting features, our paperless studio products for contest and prize scheduling, copy writing, call screening and automated file transfers. Since 1997 Arctic Palm has been committed to providing reliable feature filled products with great service.

## **ARMSTRONG TRANSMITTER CORP.**

4835 N. St. Rd.  
Marcellus, NY 13108  
Kevin Smith, Sales Technician  
Phone: 315-673-1269  
E-mail: [kevin@armstrongtx.com](mailto:kevin@armstrongtx.com)  
Website: [www.armstrongtx.com](http://www.armstrongtx.com)

**Products and Services:** Armstrong Transmitter manufactures AM & FM Broadcast Exciters and Transmitters, STL Transmitters and Receivers. Manufactures NWS Transmitters for the National Weather Service.

## **ARRAKIS SYSTEMS**

6604 Powell St.  
Loveland, CO 80538  
Ben Palmer, Sales Manager  
Phone: 970-461-0730  
E-mail: [sales@arrakis-systems.com](mailto:sales@arrakis-systems.com)  
Website: [www.arrakis-systems.com](http://www.arrakis-systems.com)

**Products and Services:** Arrakis Systems has been engineering state of the art radio station equipment for over 30 years. We are the leader in Digital Radio Automation, Broadcast Consoles, and Studio Furniture

## **AUDINATE**

1732 NW Quimby St., Suite 215  
Portland, OR 97209  
Ervin Grinberg, Director of Marketing  
Phone: 503-224-2998  
E-mail: [ervin.grinberg@audinate.com](mailto:ervin.grinberg@audinate.com)  
Website: [www.audinate.com](http://www.audinate.com)

**Products and Services:** Audinate revolutionizes AV systems to enable our customers to thrive in a networked world. Audinate's Dante media networking technology has been adopted by the leading OEM manufacturers and the dominant networking technology in the professional audio/visual industry. Dante is used extensively for live events, commercial installation, broadcast, and communications systems.

## **AUDIO PRECISION**

5750 SW Arctic Dr.  
Beaverton, OR 97005  
Phone: 800-231-7350  
E-mail: [sales@ap.com](mailto:sales@ap.com)  
Website: [www.ap.com](http://www.ap.com)

**Products and Services:** Audio Precision is the recognized standard in audio test. Since 1984, AP has offered high performance audio analyzer instruments and applications to help engineers worldwide design and manufacture all types of consumer, professional and industrial audio products.

## **AUDIO-TECHNICA U.S. INC.**

1221 Commerce Dr.  
Stow, OH 44224  
David Marsh, Director of Sales and Marketing  
Phone: 330-686-2600  
E-mail: [mediaproduction@atus.com](mailto:mediaproduction@atus.com)  
Website: [www.audio-technica.com](http://www.audio-technica.com)  
**Products and Services:** Audio-Technica, established in 1962, is a leading innovator in transducer technology. Renowned for the design and manufacture of high-quality audio products, the company offers a complete range of wired and wireless microphones, headphones, and accessories for every broadcast, live-sound, recording, and installed-sound need.

## **AUDIOARTS ENGINEERING**

600 Industrial Dr.  
New Bern, NC 28562  
Jay Tyler, Director of Sales  
Phone: 252-638-7000  
E-mail: [jay@wheatstone.com](mailto:jay@wheatstone.com)  
Website: [www.audioartsengineering.com](http://www.audioartsengineering.com)  
**Products and Services:** Located in New Bern, North Carolina, USA, Audioarts Engineering (a subsidiary of Wheatstone Corporation) designs and manufactures professional broadcast audio equipment, including digital audio consoles and control surfaces, analog audio consoles, and networked audio-over-IP systems.

## **AUDIOSCIENCE INC.**

42 Reads Way  
New Castle, DE 19720  
Richard Gross, President  
Phone: 302-324-5333  
E-mail: [rgross@audioscience.com](mailto:rgross@audioscience.com)  
Website: [www.audioscience.com](http://www.audioscience.com)  
**Products and Services:** AudioScience designs and manufactures advanced DSP based digital audio peripherals for the OEM, broadcast, installed sound, and entertainment markets. We support industry standards such as PCI Express, MPEG audio compression, CobraNet, Livewire and Avnu AVB audio networking, and the Windows and Linux operating systems.

## **AUDIOTX**

1098 Stratford Rd Hall Green  
Birmingham, WM B28 8AD  
United Kingdom  
Mo Dutta, Head of Sales  
Phone: +44 121 256 0200  
E-mail: [sales@audiotx.com](mailto:sales@audiotx.com)  
Website: [www.audiotx.com](http://www.audiotx.com)  
**Products and Services:** AudioTX provides a range of software and hardware solutions for professional grade, robust, live audio over IP and internet. From STL to remotes, and distribution of audio both within and outside of a facility.

## **AURALEX ACOUSTICS INC.**

9955 Westpoint Dr., Suite 101  
Indianapolis, IN 46256  
Robb Wenner, Marketing Manager  
Phone: 800-959-3343  
E-mail: [marketing@auralex.com](mailto:marketing@auralex.com)  
Website: [www.auralex.com](http://www.auralex.com)

**Products and Services:** Auralex Acoustics was founded in 1977 with a mission to provide top-performing acoustical treatment products at the best possible value. Thousands of satisfied Auralex customers have experienced improved acoustics, expert advice and exceptional customer service. Auralex products enjoy widespread use among prominent artists, producers, engineers, corporations and government agencies worldwide.

## **AVT AUDIO VIDEO TECHNOLOGIES GMBH**

Nordostpark 12  
Nuernberg, 90411 Germany  
Ulrike Lauterbach, Sales Manager  
Phone: +49 911 5271 0  
E-mail: [info@avt-nbg.de](mailto:info@avt-nbg.de)  
Website: [www.avt-nbg.de](http://www.avt-nbg.de)

**Products and Services:** AVT manufactures high-quality IP, ISDN & E1 Audio Codecs as well as Telephone Hybrids/Talkshow Systems and DAB/DAB+ equipment. The MAGIC Telephone Hybrids are available for POTS, ISDN and VoIP for 2 - 16 caller lines with Screening function, HD Voice (G.722), Voice Disguise and Pretalk Streaming (Audio over LAN).

## **AXEL TECHNOLOGY**

Via Caduti di Sabbiano 6/F  
Bologna 40011 Italy  
Anzola Emilia  
Phone: +39 051 736 555  
E-mail: [sales@axeltechnology.com](mailto:sales@axeltechnology.com)  
Website: [www.axeltechnology.com](http://www.axeltechnology.com)  
**Products and Services:** Axel Technology is the leading Manufacturer Italian Broadcasting company for professional radio and television solutions since 1996. Innovation, research and development are the main sources of a competitive presence in the worldwide market. Axel Technology's equipment and solutions are in over 120 nations thanks also to a widespread sales network.

## **AXIA AUDIO, A TELOS ALLIANCE COMPANY**

1241 Superior Ave.  
Cleveland, OH 44114  
Clark Novak, Marketing Manager  
Phone: 216-241-7225  
E-mail: [cnovak@axiaaudio.com](mailto:cnovak@axiaaudio.com)  
Website: [www.axiaaudio.com](http://www.axiaaudio.com)  
**Products and Services:** Axia Audio builds Ethernet-based professional IP-Audio products for broadcast and commercial audio applications. Along with Fusion, Element, iQ, Radius, DESQ and RAQ AoIP consoles for on-air, commercial production, audio workstations and personal studios, Axia products include intercoms, digital audio routers, DSP mixers and processors, and software for networked audio systems.

**B****BALSYS WOOD ARTS**

930 Carter Rd., #228-234

Winter Garden, FL 34787

Phone: 407-654-7611

E-mail: [furniture@balsys.com](mailto:furniture@balsys.com)Website: [www.balsys.com](http://www.balsys.com)**Products and Services:** Balsys Wood Arts designs and fabricates high quality custom broadcast furnishings.**BARIX TECHNOLOGY**

553 Hayward Ave. North, Suite 240

Oakdale, MN 55128

Brenda Stadheim, Vice President

Phone: 866-815-0866

E-mail: [info@barix.com](mailto:info@barix.com)Website: [www.barix.com](http://www.barix.com)**Products and Services:** Barix AG specializes in research and development of IP based communication and control technology. Barix products are standalone and able to remotely connect worldwide over standard networks/Internet, offering solutions for commercial audio distribution, communication and automation applications.**BAY COUNTRY BROADCAST EQUIPMENT INC.**

7117 Olivia Rd.

Baltimore, MD 21220

Steve Scarborough, Owner

Phone: 877-722-1031

E-mail: [sales@baycountry.com](mailto:sales@baycountry.com)Website: [www.baycountry.com](http://www.baycountry.com)**Products and Services:** Sales of quality used radio broadcast equipment.**BELAR ELECTRONICS LABORATORY INC.**

1140 McDermott Dr., Suite 105, PO Box 1689

West Chester, PA 19380

Arno Meyer, President

Phone: 610-687-5550

E-mail: [sales@belar.com](mailto:sales@belar.com)Website: [www.belar.com](http://www.belar.com)**Products and Services:** Belar Electronics Laboratory Inc. is the world's leading manufacturer of modulation monitors, which are used by radio and television stations to monitor important technical aspects of their broadcast signal. Belar also makes frequency monitors, specialized AM receiving antennas, and other related equipment for the broadcast industry.**BELL TOWER CORP.**

6037 South Industrial Rd.

Chelsea, OK 74016

Bruce Burris, Sales Director

Phone: 918-789-9020

E-mail: [belltowersales@sbcglobal.net](mailto:belltowersales@sbcglobal.net)Website: [www.belltowercorp.com](http://www.belltowercorp.com)Bell Tower Corp. [www.belltowercorp.com](http://www.belltowercorp.com)**RF Specialties<sup>®</sup>  
Group**[www.rfspecialties.com](http://www.rfspecialties.com)

# Acoustics First<sup>®</sup>.com

Materials to Control Sound & Eliminate Noise.™

Meet the new  
**A<sup>1</sup> DIFFUSOR<sup>®</sup>**  
**Model D**

The Future is here!

Toll-Free Number:  
**888-765-2900**

Photo: WBWV 66.7 FM Beck, NY

**X Series AM Transmitters**

500 W &amp; 1.0 kW

- ▶ High Efficiency
- ▶ Proven Performance
- ▶ Redundant Architecture
- ▶ Plug-in Modules
- ▶ Exceptional Value

[www.armstrongtx.com](http://www.armstrongtx.com) 315.673.1269**Remote Control Solutions**

- ▶ Proven Reliability
- ▶ Voice & Ethernet Capability
- ▶ Expandable to 64 Channels
- ▶ Robust Lightning Protection
- ▶ 2,500+ Systems in use
- ▶ Exceptional Value

**Sine Systems**[www.sinesystems.com](http://www.sinesystems.com) 315.673.3570

# COMPANY CONTACTS

*Bell Tower Corp. continued* ▶

**Products and Services:** Bell Tower is a full-service tower company that offers engineering, manufacturing and construction on an international scale. Our commitment to quality, service and safety is second to none and our extensive experience in all types of tower design and construction sets a standard for the entire industry.

## **BESCO INTERNATIONAL**

1631 Aurora Drive  
Richardson TX, 75081  
Rob Malany, Owner  
321-960-4001  
sales@besco-int.com  
www.besco-int.com

**Products/Services:** AM and FM transmitter sales

## **BEXT INC.**

1045 10th Ave.  
San Diego, CA 92101  
Phone: 619 239 8462  
E-mail: bext@bext.com  
Website: www.bext.com

**Products and Services:** FM Transmitters up to 35,000 W. FM Exciters or Stand Alone Transmitters from 30 to 5000 W. FM Translators and Boosters. STL systems, audio processors. FM antennas, (directional or omnidirectional, vertically, horizontally or circularly polarized). Digital or analog TV transmitters from 4 to 40,000 watts, TV exciters, translators and boosters, RF filters and combiners.

## **BOHN BROADCAST SERVICES**

169 Chelsea Station Drive  
Chelsea, AL 35043  
844-549-2646  
info@bohnbroadcast.com  
www.bohnbroadcast.com

**Products/Services:** Broadcast engineering services, equipment sales and repair

## **BROADCAST BIONICS**

Brooklands Barn Rocky Lane  
Haywards Heath, West Sussex RH16 4RR  
United Kingdom  
Kirsten Smith  
Phone: +44 1444 473999

E-mail: sales@phonebox.com  
Website: www.phonebox.com

**Products and Services:** Broadcast Bionics are authors of world-renowned talkshow software PhoneBOX, PhoneBOXVX and PhoneBOX Solo. As specialist broadcast software developers bespoke projects are also undertaken. Distributors of Telos, Axia, Omnia, Lawo, Wide Orbit Automation for Radio, Music Master, Sterlitz, 25-Seven & Newsboss for the UK providing quality solutions and superb customer service.

## **BROADCAST DEVICES INC.**

3199 Albany Post Rd., Suite 122  
Buchanan, NY 10511  
Bob Tarsio, President  
Phone: 914-737-5032  
E-mail: bob@broadcast-devices.com  
Website: www.broadcast-devices.com

**Products and Services:** BDI offers RF power measurement, RF switch controllers, antenna protection systems, remote monitoring systems in addition to a wide variety of digital and analog audio switching and distribution equipment. BDI also offers RF support equipment such as RF precision RF directional couplers.



## **BROADCAST ELECTRONICS / COMMOTION**

4100 N. 24th St.  
Quincy, IL 62305  
Tom Beck, Director, Sales & RF Products  
Phone: 217-224-9600  
E-mail: bdcast@bdcast.com  
Website: www.bdcast.com

**Products and Services:** Broadcast Electronics offers studio automation and complete RF systems for radio. BE manufactures AM, FM and HD Radio transmitters and studio systems for managing audio programming and automating radio text as well as web interactive tools for social networks and mobile devices. BE has been a global company since 1959.

## **BROADCAST ENGINEERING SERVICES OF TOM DRIGGERS**

971 N. Rogers Ave.  
Clovis, CA 93611  
Thomas Driggers, Owner  
Phone: 707-529-7755  
E-mail: tom@fmam.tv  
Website: www.fmam.tv

**Products and Services:** Engineering services and equipment sales.

## **BROADCAST SOFTWARE INTERNATIONAL**

909 International Way  
Springfield, OR 97477  
Marie Summers, Sales Manager  
Phone: 541-338-8588  
E-mail: sales@bsiusa.com  
Website: www.bsiusa.com  
**Products and Services:** Radio automation software, play out and multi-channel logging / skimming solutions. Developed and supported in the United States by a dedicated team of broadcast professionals, our software has helped BSI become one of the leading suppliers of radio automation with distributors in every continent.

## **BROADCAST TOOLS INC.**

131 State St.  
Sedro Woolley, WA 98284  
Donald Winget, President  
Phone: 360-854-9559  
E-mail: support@broadcasttools.com  
Website: www.broadcasttools.com

**Products and Services:** Broadcast Tools specializes in the design and manufacture of affordable and innovative problem solving tools for the radio and television broadcast industries.

## **BROADCAST WAREHOUSE LTD.**

Unit 27, IO Centre 57 Croydon Rd.  
Croydon, Surrey CR0 4WQ  
United Kingdom  
Brendan Lofty, Sales  
Phone: +44 208 256 0280  
E-mail: info@broadcastwarehouse.com  
Website: www.broadcastwarehouse.com

**Products and Services:** The world's premier FM Radio and Studio supplier, Broadcast Warehouse is your only solution for all industry leading brands and products. Whether it is LPFM, a National Broadcaster or a tailor made custom solution.

## **BROADCASTERS GENERAL STORE**

2480 SE 52nd St.  
Ocala, FL 34480  
Jonathan Shute, Sales  
Phone: 352-622-7700  
E-mail: jon@bgs.cc  
Website: www.bgs.cc

**Products and Services:** Since 1979, BGS has supplied equipment to the broadcast industry ranging from legendary stations to the smallest facilities. Whether it's a complete studio rebuild or just connectors BGS takes care of everything. With over 500 manufacturers' product lines represented, we are your one stop shop. Family owned and operated.

## **BROADVIEW SOFTWARE**

207 Adelaide St., East Suite 201  
Toronto, ON M5A 1M8 Canada  
Jerry Katz, Regional Sales Director  
Phone: 416-778-0623  
E-mail: sales@broadviewsoftware.com  
Website: www.broadviewsoftware.com  
**Products and Services:** Over 400 channels worldwide have streamlined their operation with the industries only fully integrated sales, programming and traffic software solution. BroadView's rock-solid 7th-generation technology manages needs in traffic, sales and accurately reports avails in real-time plus automated reporting. Fully integrated, end-to-end radio, TV and cable management system.

## **BSW**

2237 S. 19th St.  
Tacoma, WA 98405  
Tim Schwieger, President  
Phone: 800-426-8434  
E-mail: sales@bswusa.com  
Website: www.bswusa.com

**Products and Services:** As one of the world's premiere broadcast equipment suppliers, BSW (Broadcast Supply Worldwide) is uniquely qualified to offer thousands of products at very competitive prices. For over 38 years, broadcast and audio professionals around the globe trust BSW for all their equipment needs.

## **BURK TECHNOLOGY**

7 Beaver Brook Rd.  
Littleton, MA 01460  
Matt Leland  
Phone: 978-486-0086  
E-mail: sales@burk.com  
Website: www.burk.com

**Products and Services:** Burk Technology is the industry leader in broadcast facility and transmitter control systems. The ARC Plus Remote Control offers Jet Active Flowcharts, Roll-up Alarms and a new Smartphone interface. A simple, cost effective adapter now makes it possible to easily upgrade from legacy remote control systems.

## **BURLI SOFTWARE INC.**

4664 Loughheed Highway, Suite 264  
Burnaby, BC V5C 5T5 Canada  
Ian Gunn, General Manager  
Phone: 604-684-3140  
E-mail: sales@burli.com  
Website: www.burli.com

**Products and Services:** The Burli Newsroom System is a widely-used news production system for radio that includes integrated text and audio editors, mobile and enterprise-wide news editing tools, and integration with broadcast automation and digital CMS systems. See why Burli is one of the world's top choices for news production.

## **BW BROADCAST**

Unit 27, IO Centre 57a Croydon Rd.  
London, Surrey CR04WQ United Kingdom  
Katie Murphy, Sales Supervisor  
Phone: 44 2082530290  
E-mail: info@bwbroadcast.com  
Website: www.bwbroadcast.com

**Products and Services:** Innovative, award winning and industry leading FM Transmitters, Audio Processors, FM Receivers, FM Amplifiers and RDS Encoders from BW Broadcast can be found in all corners of the globe. With emphasis on efficiency and reliability, you can trust BW Broadcast to make your station number one in the market.

## **C**

## **CIRCUITWERKES INC.**

2805 Northwest Sixth St.  
Gainesville, FL 32609  
Kyle Magrill, Pres  
Phone: 352-335-6555  
E-mail: info@circuitwerkes.com  
Website: www.circuitwerkes.com

*CircuitWerkes Inc. continued* ▶



# Power Tools for AES

MADE IN USA 

## AESDA

The AESDA provides extremely high quality AES Digital to Analog conversion while providing diagnostic analysis of the incoming digital signal to help in troubleshooting signal faults.

- 110 Ohm balanced and 75 Ohm unbalanced inputs.
- Dual function level meters display either digital input signal level or analog output level.
- Dual function LEDs display digital input information or signal condition/fault type.
- Separate balanced XLR and 3.5mm headphone outputs, each output has its own volume control.

## AESAD

The AESAD is a portable battery powered device for converting mic or line level analog audio into an AES/EBU digital audio stream.

- The AESAD has two high quality transformer based mic preamps and outputs a single, variable level, AES/EBU digital signal. Phantom power is available to power condenser microphones.
- The output sample rate is selectable by the user and a word clock input is provided for synchronization with other AES/EBU equipment.
- Metering is provided to monitor both the analog input and digital output signal levels.
- The AESAD has a headphone output with level control.
- Operates from 4 AA batteries or the supplied wall power supply.

## AES QBOX

Generate into or monitor from your AES digital sound system with this handy tool. Also doubles as a quality A/D and D/A converter and impedance transformer.

### Receive Section

- Receives 32k, 44.1k, 48k, 88.2k, 96k, 176.4k, and 192kHz.
- Identifies Pro/Consumer mode, sample rate and faults.

- Converts AES digital to analog and outputs the analog via built in speaker or Line Out / Headphone jack.

### Transmit Section

- Transmits 48k, 96k and 192kHz.
- Generate AES digital from analog Line In jack, built in dual tone generator or built in condenser microphone.



## INTRODUCING AES-SP1x2

The Whirlwind AES Splitter 1x2 is a passive unit that delivers two identical AES/EBU signals from a single stream, maintaining excellent data integrity, and exceptionally high amounts of isolation between outputs.

**whirlwind**

# COMPANY CONTACTS

*CircuitWerkes Inc. continued* ▶

**Products and Services:** Manufacturers of problem solving devices like tone encoders/decoder, award winning Internet and dial-up remote controls, streaming audio encoders/decoders, telephone couplers & interfaces, relay boxes, silence sensors and custom made products designed to the user's specs.

## CLEAR CHANNEL SATELLITE

76 Inverness Dr. East, Suite B  
Englewood, CO 80112  
Tina Knisley, Sales Assistant  
Phone: 800-345-8728  
E-mail: [sales@clearchannelsatellite.com](mailto:sales@clearchannelsatellite.com)  
Website: [www.clearchannelsatellite.com](http://www.clearchannelsatellite.com)

## COAXIAL DYNAMICS

6800 Lake Abrem Dr.  
Middleburg Hts., OH 44130  
Al Prinz, Sales  
Phone: 440-243-1100  
E-mail: [coaxial@apk.net](mailto:coaxial@apk.net)  
Website: [www.coaxial.com](http://www.coaxial.com)  
**Products and Services:** Coaxial Dynamics manufactures RF Test Equipment used in TV and FM broadcast transmission lines. Main products include RF wattmeters, line sections, and termination loads.



## STAC VIP VOIP CALL MANAGEMENT SYSTEM

The STAC VIP VoIP Call Management System removes the hassle from on-air call coordination with a smooth user interface, available in either 6 or 12 line configurations. STAC VIP works with Web RTC, a plug-in found in most browsers, making it possible to conduct browser-based calls and send low-delay, studio-quality audio in two directions, with no software to install. Plus, STAC VIP integrates with VoIP apps on smartphone interfaces, to make quick cut-ins sound like in-studio guests. And because STAC VIP uses low-cost VoIP technology, broadcasters can save thousands of dollars annually by eliminating traditional analog phone lines.

Tel: +978 784-1776 | Fax: +978 784-1717  
[info@comrex.com](mailto:info@comrex.com)  
[www.comrex.com](http://www.comrex.com)

# COMREX

BROADCAST RELIABLE

## COMREX CORP.

19 Pine Rd.  
Devens, MA 01434-5068  
Chris Crump, Sr. Director of  
Sales & Marketing  
Phone: 978-784-1776  
E-mail: [info@comrex.com](mailto:info@comrex.com)  
Website: [www.comrex.com](http://www.comrex.com)

**Products and Services:** Since 1961, Comrex Corporation has been designing and manufacturing high quality professional broadcast products used by radio and television broadcasters worldwide. Comrex specializes in audio and video codecs for remote broadcast transmission and STL applications as well as POTS and VoIP telephone interface products.



*Continental Electronics Corporation*

## CONTINENTAL ELECTRONICS CORP.

4212 South Buckner Blvd.  
Dallas, TX 75227  
Michael Rosso, VP Sales & Marketing  
Phone: 214-275-2306  
E-mail: [mrosso@contelec.com](mailto:mrosso@contelec.com)  
Website: [www.contelec.com](http://www.contelec.com)  
**Products and Services:** Dallas, Texas based Continental Electronics Corporation (CEC) is a world-class manufacturer of radio frequency (RF) broadcast transmission equipment. We specialize in the design, development and manufacture of leading-edge transmitter systems for the global market offering a full range of products for high-power FM, HF, VHF, UHF LF, and VLF applications.

## CPI/EIMAC OPERATIONS

607 Hansen Way  
Palo Alto, CA 94304  
Linda Di Lorenzo, Exhibits Manager  
Phone: 650-846-2900  
E-mail: [powergrid@cpii.com](mailto:powergrid@cpii.com)  
Website: [www.cpii.com](http://www.cpii.com)  
**Products and Services:** CPI/Eimac Operations is the world leader in the design and manufacture of power grid tubes for broadcast, communications, radar, industrial heating, semiconductor processing, science and medical applications.

## CRANE SONG LTD.

2117 East Fifth St.  
Superior, WI 54880  
David Hill, President  
Phone: 715-398-3627  
E-mail: [cranesong@centurytel.net](mailto:cranesong@centurytel.net)  
Website: [www.cranesong.com](http://www.cranesong.com)  
**Products and Services:** Audio processing including compressors, limiters and equalizers

## CROWN BROADCAST IREC

25166 Leer Dr.  
Elkhart, IN 46514  
Kent Koselke, Sales Marketing Manager  
Phone: 866-262-8972  
E-mail: [kkoselke@irec1.com](mailto:kkoselke@irec1.com)  
Website: [www.crownbroadcast.com](http://www.crownbroadcast.com)

**Products and Services:** Highly robust and simple to deploy FM transmitters from 30 watts to 10 kW's featuring 5-Year warranty and optional built-in audio processor/ stereo generator. FM Translators with built in digital AM/FM receiver with best-in-class performance. Standalone digital triple AM/FM/WR Tuner for translator use or monitoring with optional modulation analyzer.

## DAN DUGAN SOUND DESIGN

290 Napoleon St., Studio E  
San Francisco, CA 94124  
Dan Dugan, President  
Phone: 415-821-9776  
E-mail: [dan@dandugan.com](mailto:dan@dandugan.com)  
Website: [www.dandugan.com](http://www.dandugan.com)  
**Products and Services:** Dan Dugan is the inventor of the automatic mic mixer. Dugans are used in talk shows, town hall meetings, conferences and other live events to handle multiple mics. Dugan Automatic Mixing Controllers eliminate upcutting and allow operators to focus on quality rather than having to ride faders.

## DAVICOM, A DIVISION OF COMLAB INC.

2300 Leon-Harmel, Suite 220  
Quebec, QC G1N 4L2 Canada  
Guy Fournier, Sales Manager  
Phone: 418-682-3380  
E-mail: [dvsales@davicom.com](mailto:dvsales@davicom.com)  
Website: [www.davicom.com](http://www.davicom.com)  
**Products and Services:** Leading broadcasters and telecom operators around the world rely on Davicom solutions to remotely monitor and control their transmitter sites and unattended studios, via SNMP, modbus and GPIO for example, thus allowing them to reduce their operating costs and downtime. Davicom units provide automation and access to real-time site information.

## DAVID SYSTEMS GMBH

Erika-Mann-Strae 67  
Munich, Bavaria 80636 Germany  
Phone: +49 89 540 139 0  
E-mail: [office@davidsystems.com](mailto:office@davidsystems.com)  
Website: [www.davidsystems.com](http://www.davidsystems.com)  
**Products and Services:** DAVID Systems is a leading international developer and supplier of end-to-end content production and distribution solutions for broadcasters. DAVID is known for open, customizable and scalable software for individual workflows and third-party integration. Its products are story-centric, providing journalists and broadcasters a smooth transition to a cross-media world.

## DAYSEQUERRA

154 Cooper Rd., Building 902  
West Berlin, NJ 08091  
Phone: 856-719-9900  
E-mail: [info@daysequerra.com](mailto:info@daysequerra.com)  
Website: [www.daysequerra.com/](http://www.daysequerra.com/)  
**Products and Services:** DaySequerra provides high performance audio solutions for radio, TV and Internet broadcasters. Technology applications include measuring and solving loudness issues in stereo, surround DTV and radio broadcasts using exclusive DTS Neural algorithms.

## DAYTON INDUSTRIAL

2237 Industrial Blvd.  
Sarasota, FL 34234-3119  
Gary Williams, Sales  
Phone: 941-351-4454  
E-mail: [sales@daytonindustrial.com](mailto:sales@daytonindustrial.com)  
Website: [www.daytonindustrial.com](http://www.daytonindustrial.com)  
**Products and Services:** Dayton Industrial has been designing and manufacturing quality radio receivers/monitors since 1982. Our receiver products include EAS receivers, AM, FM, FM Stereo, FM/SCA/RDS, NOAA Weather, Public Service and special purpose receivers. All of our products are designed and manufactured in the USA.

## DB ELETTRONICA TELECOMUNICAZIONI SPA

Riviera Maestri del Lavoro 20/1  
Padova, Italy 35127 Italy  
Guglielmo Feliziani, CEO  
Phone: +39 049 8700588  
E-mail: [sales@dbbroadcast.com](mailto:sales@dbbroadcast.com)  
Website: [www.dbbroadcast.com](http://www.dbbroadcast.com)  
**Products and Services:** Founded in Italy in 1975, DB Elettronica Telecomunicazioni is a leading in broadcast communications and turnkey solution for radio and television. DB provides turnkey systems from studio to antenna, immediate delivery of products and 24/7 service on every continent.

## DCSTOOLS.COM

8494 Saratoga Lane  
Eden Prairie, MN 55347  
Rich Habedank, Owner  
Phone: 952-949-9450  
E-mail: [rich@c-imedia.com](mailto:rich@c-imedia.com)  
Website: [www.dcstools.com](http://www.dcstools.com)  
**Products and Services:** XStudio radio automation system supports live, local automation, satellite and a unique emergency mode of operation. Software tools for legacy DCS and Maestro automation systems, including voice-tracking, log editing, web billboard, RDS and merging of music and traffic logs.

## DENON PROFESSIONAL

D&M Professional Kingsbridge House,  
Padbury Oaks, 581 Bath Rd.  
Longford, Middlesex UB7 0EW  
United Kingdom  
David Morbey, Product Marketing Manager  
Phone: +44 1753680023  
E-mail: [info@dm-pro.eu](mailto:info@dm-pro.eu)  
Website: [www.d-mpro.com](http://www.d-mpro.com)

**Products and Services:** Drawing on our trusted 25-year heritage in industry-leading playback technology, the latest Denon Professional equipment enable broadcasters to replace traditional media devices with high-quality networked media playback products that offer superior reliability and maintenance-free operation under the most challenging conditions.

#### DEVA BROADCAST LLC

7782 NW 46th St.  
Miami, FL 33166  
Todor Ivanov, President  
Phone: 305-767-1207  
E-mail: [sales@devabroadcast.com](mailto:sales@devabroadcast.com)  
Website: [www.devabroadcast.com](http://www.devabroadcast.com)  
**Products and Services:** DEVA Broadcast is an international communications and high-technology company which serves the broadcast and corporate markets worldwide. DEVA Broadcast has been developing and producing a wide range of RDS/RBDS Encoders and Decoders, Modulation Monitors, Remote Controls, Off-Air Monitoring Receivers and other systems for the Broadcast Industry.

#### DHD DEUBNER HOFFMANN DIGITAL GMBH

Haferkornstr. 5  
Leipzig, 04129 Germany  
Phone: +49 341 589702 0  
E-mail: [info@dhd-audio.de](mailto:info@dhd-audio.de)  
Website: [www.dhd-audio.com](http://www.dhd-audio.com)  
**Products and Services:** DHD Deubner Hoffmann Digital GmbH was founded in 1996. It manufactures digital mixers, audio routers and other professional audio devices for radio and TV. DHD products are used world-wide in thousands of installations at public and private radio stations.

#### DIELECTRIC LLC

22 Tower Rd.  
Raymond, ME 04071  
Cory Edwards, Global Sales  
Phone: 800-341-9678  
E-mail: [cory.edwards@dielectric.com](mailto:cory.edwards@dielectric.com)  
Website: [www.dielectric.com](http://www.dielectric.com)  
**Products and Services:** Dielectric has been leading the broadcast industry since 1942. We manufacture a full complement of products, including HD antennas, components, transmission line, and RF switches, systems, and monitoring.

#### DIGIGRAM

82-84 Allée Galilée Innovalée  
Montbonnot, n/a 38330 France  
Christelle Nay, Sales Manager  
Phone: +33 476524747  
E-mail: [sales@digigram.com](mailto:sales@digigram.com)  
Website: [www.digigram.com](http://www.digigram.com)  
**Products and Services:** Sound Cards, IP audio codecs, Video encoders & AV networking technologies. We offer building blocks for the avant-garde of broadcast and professional AV/IT systems.

#### DIGITAL ALERT SYSTEMS

100 Housel Ave.  
Lyndonville, NY 14098  
Bill Robertson, V.P. Business Development  
Phone: 585-765-1155  
E-mail: [sales@digitalalertsystems.com](mailto:sales@digitalalertsystems.com)  
Website: [www.digitalalertsystems.com](http://www.digitalalertsystems.com)  
**Products and Services:** Digital Alert Systems provides the ultimate single-box EAS/CAP solutions for broadcasters with the fully FCC /FEMA compliant DASDEC family; a highly flexible IP-based architecture supporting a variety of 3rd party switching, graphics and automation systems streamlining connectivity and operations. Optional integrated AM/FM/WX receivers save valuable rack space and wiring clutter.

#### DIGITAL JUKEBOX

3651 Lindell Rd., D466  
Las Vegas, NV 89103  
Ron Paley, President & Sales Manager  
Phone: 702-487-3336  
E-mail: [sales@digitaljukebox.com](mailto:sales@digitaljukebox.com)  
Website: [www.digitaljukebox.com](http://www.digitaljukebox.com)  
**Products and Services:** Since 1995, Digital JukeBox has developed, installed & supported radio automation software solutions with over 1,000 users worldwide. Our software solutions are specifically designed to make radio station programming and operations very efficient.

#### DIGITAL RADIO MONDIALE (DRM)

c/o BBC Global News, Third Floor Brock House 19 Langham St.  
London, London W1A 1AA United Kingdom  
DRM Project Office, Project Office  
Phone: +44 203612310  
E-mail: [projectoffice@drm.org](mailto:projectoffice@drm.org)  
Website: [www.drm.org](http://www.drm.org)  
**Products and Services:** Digital Radio Mondiale is the global, open, green, cost efficient, digital radio standard for all frequencies (AM and VHF). The DRM system covers large geographic areas, rural and local markets and when listeners are on the move. A local power local service option is also available.

## ACCURATE 24:7

Trust the name broadcasters have counted on for precision master clocks and timing-related products for over 40 years—ESE. Our products accurately synchronize broadcast operations using a choice of GPS, NTP, Modem, Crystal or line frequency for affordable, reliable, perfect time—all the time.

Visit [www.es-web.com](http://www.es-web.com) to witness world-class timing systems designed for easy installation, set-up and operation.

142 Sierra Street,  
El Segundo, CA 90245  
(310) 322-2136

**ESE**  
[www.es-web.com](http://www.es-web.com)

# COMPANYCONTACTS

## DM ENGINEERING

2174 Chandler St.  
Camarillo, CA 93010-4611  
Dave Mandelbaum, Pres.  
Phone: 800-249-0487

*E-mail:* [dave@dmengineering.com](mailto:dave@dmengineering.com)  
*Website:* [www.dmengineering.com](http://www.dmengineering.com)

**Products and Services:** Manufacture and sales of EAS Multi-Station, Remote Controls, Automation Interface and supplies, Audio-Pod Mic controller and Headphone Amp modules for studio, remotes and conference apps, Single Line and Multi-Line Phone Flashers, Auxiliary Relay Packs for both Studio audio and AC applications, Silence Sense devices.

## DO KEYS

924 Brandermill Dr.  
Chesapeake, VA 23322  
Jerry Dell, President  
Phone: 757-620-2136

*E-mail:* [clydesdell@verizon.net](mailto:clydesdell@verizon.net)

**Products and Services:** Install, Modify or Repair QRS, Piano Disc digital player piano systems for acoustic pianos. Digital & Acoustic Piano Repairs.

## DORROUGH ELECTRONICS

5221 Collier Place  
Woodland Hills CA 91364-3617  
Phone: 818-998-2824

*E-mail:* [dorroughel@aol.com](mailto:dorroughel@aol.com)  
*Website:* [www.dorrough.com](http://www.dorrough.com)

## DOUBLERADIUS INC.

2022 Van Buren Ave.  
Indian Trail, NC 28079  
Jeff Holdenrid, Sales Engineer  
Phone: 704-927-6085

*E-mail:* [jeffh@doubleradius.com](mailto:jeffh@doubleradius.com)  
*Website:* [www.doubleradius.com](http://www.doubleradius.com)

**Products and Services:** IP Microwave Specialists. We design, supply, license, and integrate IP Wireless solutions.

## DOUG VERNIER, TELECOMMUNICATIONS CONSULTANTS

401 Main St., Suite 213  
Cedar Falls, IA 50613  
Doug Vernier, Senior Engineer, President  
Phone: 319-266-8402

*E-mail:* [consulting@v-soft.com](mailto:consulting@v-soft.com)  
*Website:* [www.v-soft.com/web/services.html](http://www.v-soft.com/web/services.html)

**Products and Services:** Broadcast engineering consulting, including the preparation of AM, FM and TV FCC applications, systems design, microwave analysis and PCN coordination.

## DPA MICROPHONES

1500 Kansas Ave., Suite 3A  
Longmont, CO 80501  
James Capparelle, Sales & Marketing  
Phone: 303-485-1025

*E-mail:* [info-usa@dpamicrophones.com](mailto:info-usa@dpamicrophones.com)  
*Website:* [www.dpamicrophones.com](http://www.dpamicrophones.com)

**Products and Services:** DPA Microphones is the leading Danish microphone manufacturer of high-quality condenser microphone solutions for professional applications. DPA's ultimate goal is to provide its customers with the finest possible microphone solutions for the professional audio markets which are globally praised for their exceptional clarity, unparalleled specifications, and pure, uncolored sound.

## DVEO DIVISION OF COMPUTER MODULES INC.

11409 West Bernardo Court  
San Diego, CA 92127  
Laszlo Zoltan, Vice President  
Phone: 858-613-1818

*E-mail:* [laszlo@dveo.com](mailto:laszlo@dveo.com)  
*Website:* [www.dveo.com](http://www.dveo.com)

**Products and Services:** DVEO is a rapidly growing provider of a broad line of IP video solutions. Our radio and audio product line includes our real time, broadcast quality, remotely manageable, multichannel audio transcoder, the Polycoder Audio 40ch/ IP, which captures up to 40 simultaneous analog audio inputs and transcodes them to different audio formats.

## E

### ECONCO

1318 Commerce Ave.  
Woodland, CA 95776  
Debbie Storz, Sales  
Phone: 800-532-6626

*E-mail:* [debbie.storz@cpii.com](mailto:debbie.storz@cpii.com)  
*Website:* [www.econco.com](http://www.econco.com)

**Products and Services:** Rebuilt transmitter tubes.

### EFFICIO SOLUTIONS INC.

520 South State St., Suite 244B  
Westerville, OH 43081  
David Einstein, Co-President  
Phone: 877-333-4246

*E-mail:* [sales@efficiosolutions.com](mailto:sales@efficiosolutions.com)  
*Website:* [www.efficiosolutions.com](http://www.efficiosolutions.com)

**Products and Services:** Efficio is a fully integrated media CRM and sales management solution that provides sales intelligence and analytics via the cloud and syncs with media traffic systems. Efficio offers CRM, account management, inventory & rate maximization, proposal building and connects the sales cycle from prospect to billing account.

### ELECTRO-VOICE (BOSCH SECURITY SYSTEMS INC.)

12000 Portland Ave. South  
Burnsville, MN 55337  
Phone: 952-884-4051

*E-mail:* [buvo.orders@us.bosch.com](mailto:buvo.orders@us.bosch.com)  
*Website:* [www.electrovoice.com](http://www.electrovoice.com)

**Products and Services:** An industry pioneer since the earliest days of radio and television, Electro-Voice microphones continue to be among the most trusted tools of broadcast professionals everywhere. The RE20 is used by around 80% of on-air talent in the U.S., and sets the standard for the sound of the FM radio voice.

### ELECTRONICS RESEARCH INC. (ERI)

7777 Gardner Rd.  
Chandler, IN 47610  
Joe Meleski, Director of Sales  
Phone: 812-925-6000

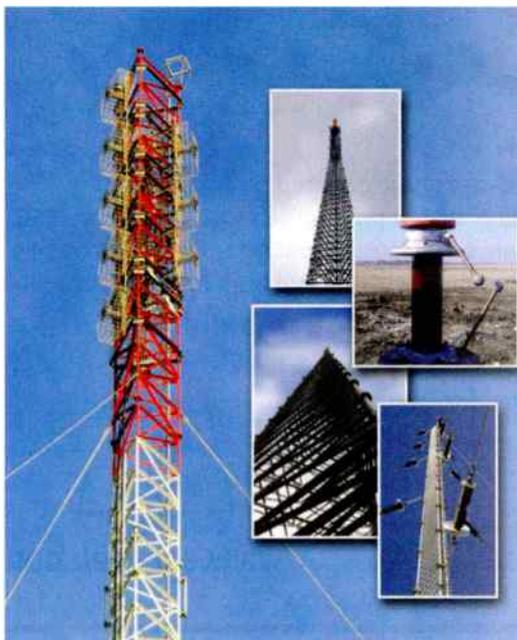
*E-mail:* [sales@eriinc.com](mailto:sales@eriinc.com)  
*Website:* [www.eriinc.com](http://www.eriinc.com)

**Products and Services:** ERI delivers high quality, innovative, integrated solutions for radio and television broadcasters including the best antennas, transmission line, filters, and towers. In addition to manufacturing the full range of components and accessories, ERI offers a suite of engineering and field services to plan, install, optimize, and maintain your broadcast facility.

### ELENOS SRL

Via G.Amendola 9  
Poggio Renatico, Ferrara 44028 Italy  
Gianluca Busi, Marketing Manager  
Phone: +39 0532 829965

*E-mail:* [marketing@elenos.com](mailto:marketing@elenos.com)  
*Website:* [www.elenos.com](http://www.elenos.com)



Sabre designs, manufactures and installs towers to meet your broadcast specifications. We offer everything from custom FM support sections to turnkey AM installations. Committed to customer service, we deliver quality products at competitive prices with the shortest lead times.

Call Sabre today for all your tower needs.

**Sabre Industries™**  
Towers and Poles

**1-800-369-6690**

[towerinfo@sabreindustries.com](mailto:towerinfo@sabreindustries.com)

**Products and Services:** With 40,000 FM transmitters installed in more than 100 countries, ELENOS is known for its reliable equipment. Exceptional efficiency not only saves electric costs, but also means lower cooling, reduced maintenance and longer operational service. Planar technology and compact design make ELENOS transmitters scalable and rack-mountable, with powers up to 40kW.

#### ENCO SYSTEMS INC.

29444 Northwestern Highway  
Southfield, MI 48034  
Ken Frommert, GM  
Phone: 248-827-4440  
E-mail: sales@enco.com  
Website: www.enco.com

**Products and Services:** ENCO is the premier global provider of audio playout and automation solutions. The world renowned and award winning DAD is the most flexible, powerful, and reliable radio automation system on the planet. Thousands of radio stations rely on ENCO every day for their automation, playout, scheduling, and distribution needs.

#### ENRICO PIETROSANTI

Via Remo La Valle, 105  
Fiumicino, Roma 00054 Italy  
Enrico Pietrosanti, Owner  
Phone: +39 0691 6505771  
E-mail: info@enicopietrosanti.com  
Website: www.enricopietrosanti.com  
**Products and Services:** Italian distributors of broadcast products for Radio and TV stations, including antennas, cables, transmitter, filters and combiners.

#### ESE

142 Sierra St.  
El Segundo, CA 90245  
Bill Rajaniemi, Sales  
Phone: 310-322-2136  
E-mail: ese@ese-web.com  
Website: www.ese-web.com  
**Products and Services:** Master clock systems, digital and analog displays. GPS, WWV, modem, crystal or line frequency based units. Stand alone clocks and timers. Audio level interfaces and indicators.

#### EVANS ENGINEERING SOLUTIONS

216 Green Bay Rd., Suite 105  
Thiensville, WI 53092-1625  
Ben Evans, President  
Phone: 262-518-0002  
E-mail: ben@evansengsolutions.com  
Website: www.evansengsolutions.com  
**Products and Services:** Full-service broadcast engineers with over 30 years of experience specializing in FCC applications, design, field engineering, tower detuning, new station startups, upgrade, relocation, and exposure studies, AM directional array tuning and proof, microwave planning and licensing, and on-site maintenance.

#### EVENTIDE

One Alsan Way  
Little Ferry, NJ 07643  
Ray Maxwell  
Phone: 201-641-1200  
E-mail: rmaxwell@eventide.com  
Website: www.eventide.com

#### FULL COMPASS SYSTEMS LTD.

9770 Silicon Prairie Parkway  
Madison, WI 53593  
Customer Service  
Phone: 800-356-5844  
E-mail: customer@fullcompass.com  
Website: www.fullcompass.com

**Products and Services:** Full Compass is a leader in Professional Audio, Video, AV, Lighting and Musical Instrument sales. Our goal is to provide the best value with exceptional customer service and we offer over 700 top brands. Full Compass is an authorized service center and parts distributor for most major manufacturers we carry.

#### G

#### GATESAIR

5300 Kings Island Dr., Suite 101  
Mason, OH 45040  
Catherine Poulsen,  
Global Marketing Leader  
Phone: 513-459-3552  
E-mail: americas@gatesair.com  
Website: www.gatesair.com  
**Products and Services:** GatesAir Inc. provides complete solutions for over-the-air radio and television broadcasting, leveraging wireless spectrum to maximize performance for multichannel, mission-critical services. Powering over-the-air networks worldwide with unparalleled reliability for nearly 100 years, GatesAir leads the industry in innovation and design breakthroughs, improving efficiency and reducing total cost of ownership.

#### GBS-GIESLER BROADCASTING SUPPLY INC.

PO Box 416  
Alvin, TX 77512  
Dan Giesler, Sales  
Phone: 800-634-8601  
E-mail: dan@gbs-giesler.com  
Website: www.gbs-giesler.com  
**Products and Services:** Full service radio equipment dealer.

#### GEMINI SOUND

280 Raritan Center Parkway  
Edison, NJ 08837  
Alan Cabasso, President  
Phone: 732-346-0061  
E-mail: sales@geminiound.com  
Website: www.geminiound.com  
Gemini Sound continued >

## Coaxial Dynamics

A CDI INDUSTRIES, INC. COMPANY  
Specialists in RF Test  
Equipment & Components



Digital Broadcast

Directional Wattmeters



Line Sections

Plug-In Elements



Loads and Attenuators



Signal Samplers

Meters

Accessories



Low Pass Filters

Power Sensors



Custom OEM

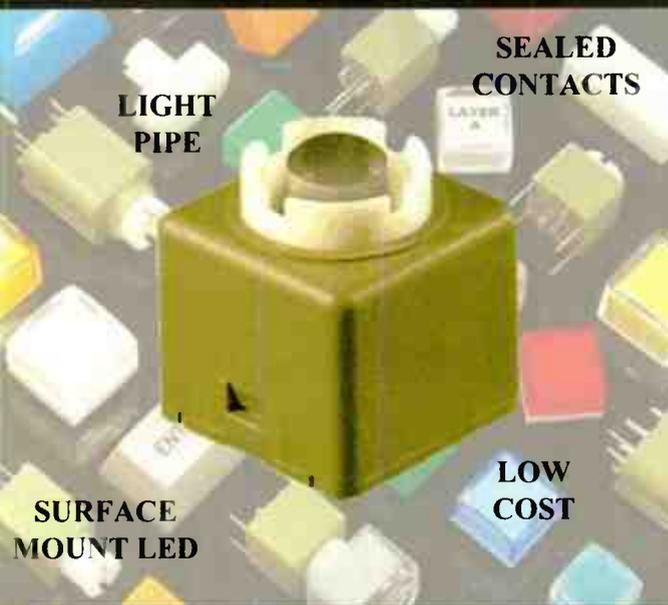
Coaxial Dynamics (a CDI Industries, Inc. Company)

6800 Lake Abram Drive • Middleburg Hts, OH 44130

Phone: 440-243-1100 Toll Free: 800-COAXIAL Fax: 440-243-1101

sales@coaxial.com • www.coaxial.com

## Now Available NEW 09 Series Switch



sales@veetronix.com  
800-445-0007  
www.veetronix.com



ARRAKIS SYSTEMS INC.

# ALWAYS THE LEADER

For more than 30 years, Arrakis Systems has led the way with ground breaking innovations in Radio console, automation, and studio furniture technologies. Now with Bluetooth inside, you have wireless Call phone & Streaming ... no Hybrid needed!



ARC-8  
only \$799



ARC-10  
from \$1,599



ARC-15  
from \$3,495

MARC 15  
from \$4,999



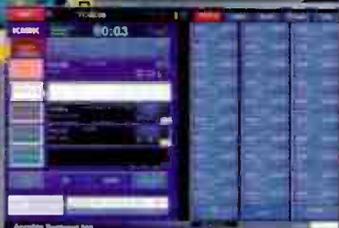
Bluetooth  
inside



ARC 10  
ARC 15



Digilink-Xtreme



ARC-15

ACCENT furniture



Digilink-HD



NEW...

ARRAKIS SYSTEMS INC.

ARRAKIS 2171547 113

# ARC-8 Blue

**Bluetooth, wireless,  
Cell phone interface &  
Stereo streaming**

- Eight channels
- Stereo Program output
- 2 mic, 4 stereo line, PC, & Phone in
- USB interface for play and record from a PC
- Mix minus in-out for an external Telephone hybrid
- BOTH balanced and unbalanced inputs and output for flexibility

The BEST of both analog and digital. With the NEW Bluetooth built in, the ARC-8 features a wireless Cell phone interface for telephone talk shows and wireless audio streaming from any Bluetooth device such as an MP3 player. The ARC-8 Blue also features a built in USB sound card to play and record in digital directly from both Windows & Apple \*PCs. With BOTH balanced and unbalanced inputs and outputs, the ARC-8 works out of the box in any Radio application.



**NO Hybrid  
required**

long life switches.  
conductive plastic faders.  
Socketed ICs for fast on site repair.



Fast, easy installation:

- RCAs for unbalanced IO.
- Cat5s for balanced inputs.
- XLRs for mics & Program output

**Bluetooth enabled !!!** The #1 selling ARC-8 advanced Radio console has gone 'Blue'... Bluetooth enabled that is! This means that Channel seven on the console can be paired to any Bluetooth enabled audio device such as your Cell phone, MP3 player, MP3 recorder-editor, and more. Just pair your cell phone to the ARC-8 and answer your incoming calls with the 'Call' button and drop them with the 'Drop' button, just like a standard phone hybrid. The Caller receives the console bus mix ('minus' the caller audio) so there is no feedback. OR... you can pair any Bluetooth enabled audio device such as an Ipad, Tablet device, or MP3 player and stream full bandwidth, high quality stereo (A2DP) audio to channel seven on the console. If a paired Cell phone call comes in, then the stereo stream is dropped and the call can be answered. While an external hybrid is not needed, Arrakis does all of this while still allowing an external phone hybrid to be connected if desired. Your imagination is the only limit with this amazing console !!!

list price **\$1,099**

\*USB sound card supports USB HID compatible PCs

[www.arrakis-systems.com](http://www.arrakis-systems.com)

870.461.0730

# COMPANY CONTACTS

*Gemini Sound continued* ▶

**Products and Services:** Gemini has been established since 1974. Producing and shipping Pro Audio and DJ products to over 126 countries. Products consist of CD and Media Players, Mixers, Power Amps, Digital Controllers, Mobile and Club Speakers, Digital Recorder, Wireless Mic Systems, Studio Monitors, Headphones and Turntables.

## **GENELEC OY**

Olivitie 5  
Iisalmi, FI-74100 Finland  
Saija Luontama, Marketing  
Communications Mgr  
Phone: +358 17 83881  
E-mail: [genelec@genelec.com](mailto:genelec@genelec.com)  
Website: [www.genelec.com](http://www.genelec.com)

**Products and Services:** Genelec has been designing and manufacturing active studio monitors for more than 35 years. The range of monitors covers every possible audio monitoring need. The company's addition of Smart Active Monitors to the range is a groundbreaking invention that puts the user in control of his monitor environment.

## **GEPSCO INTERNATIONAL/ GENERAL CABLE**

1770 Birchwood Ave.  
Des Plaines, IL 60018  
Phone: 800-966-0069  
E-mail: [gepco@gepco.com](mailto:gepco@gepco.com)  
Website: [www.gepco.com](http://www.gepco.com)

**Products and Services:** Gepco International, an industry-leading brand of General Cable, is committed to the development and manufacture of cable and connectivity products for the broadcast and professional AV markets. Discover solutions for reliable content delivery with Gepco Brand, SheerWire and other General Cable products.

## **GLENSOUND**

6 Brooks Place  
Maidstone, Kent ME14 1HE  
United Kingdom  
Marc Wilson, Sales & Marketing Manager  
Phone: +44 1622 753662  
E-mail: [sales@glen-sound.co.uk](mailto:sales@glen-sound.co.uk)  
Website: [www.glen-sound.co.uk](http://www.glen-sound.co.uk)

**Products and Services:** UK designer and manufacturer of broadcast audio products including commentary/announcer systems. Broadcasters' Mobile Phones, telephone hybrids, 4 wire systems, audio mixers, codecs, digital converters, digital snake, audio monitoring, and headphone and microphone amplifiers. Specialists in custom product and system design with most of the range starting as a bespoke project.

## **GORMAN REDLICH MFG. CO.**

257 West Union St.  
Athens, OH 45701  
James Gorman  
Phone: 740-593-3150  
E-mail: [jimg@gorman-redlich.com](mailto:jimg@gorman-redlich.com)  
Website: [www.gorman-redlich.com](http://www.gorman-redlich.com)

**Products and Services:** Gorman-Redlich has over 35 years of experience in the emergency alerting industry. We manufacture EAS encoder-decoders with and without a built-in character generator. The CAP-DEC1 decoder unit is a standalone unit that will translate received CAP V1.2 alerts into EAS headers. Other equipment — NOAA weather receivers and digital antenna monitors.

## **GRACE BROADCAST SALES**

225 SW Skyline Dr.  
Pullman, WA 99163  
Rod Schwartz, Owner  
Phone: 509-332-8423  
E-mail: [ros@gracebroadcast.com](mailto:ros@gracebroadcast.com)  
Website: [www.gracebroadcast.com](http://www.gracebroadcast.com)

**Products and Services:** Grace Broadcast Sales provides :30- and :60-second features for holidays, seasonal celebrations, special events, and for specific retail and professional business categories, designed for customization by the station for its advertising clients and prospects. FREE demos and sales presentations for making risk-free presentations to prospective sponsors are available at [GraceBroadcast.com/products.htm](http://GraceBroadcast.com/products.htm)

## **GRAHAM BROCK INC.**

5971B New Jesup Highway  
Brunswick, GA 31523  
Stu Graham, President  
Phone: 912-638-8028  
E-mail: [rsg@grahambrock.com](mailto:rsg@grahambrock.com)  
Website: [www.grahambrock.com](http://www.grahambrock.com)

**Products and Services:** Graham Brock, a full service consulting firm, provides technical expertise to the broadcast industry across the continental US, Hawaii, Alaska, Puerto Rico, American Samoa, and the Virgin Islands. GBI provides AM and FM services from the allocation and application processes to the implementation of the station.

## **GRAHAM STUDIOS**

1805 East Lincoln Ave.  
Fort Collins, CO 80524  
Rod Graham, Founder  
Phone: 970-225-1956  
E-mail: [rod@graham-studios.com](mailto:rod@graham-studios.com)  
Website: [www.graham-studios.com](http://www.graham-studios.com)

**Products and Services:** Graham Studios designs and manufactures two lines of high quality broadcast studio furniture, as well as custom applications. We've got national as well as international experience, garnered from three decades of service to the broadcast industry. Our products are offered by the nation's top dealers and integrators. Join us.

## **H**

### **HATFIELD & DAWSON CONSULTING ENGINEERS**

9500 Greenwood Ave. North  
Seattle, WA 98103  
Ben Dawson, President  
Phone: 206 783 9151  
E-mail: [hatdaw@hatdaw.com](mailto:hatdaw@hatdaw.com)  
Website: [www.hatdaw.com](http://www.hatdaw.com)

**Products and Services:** Hatfield & Dawson is an engineering consultancy specializing in applied radio physics for broadcasting and other telecommunications uses. The firm performs antenna and propagation analysis and design, facility design and specification, licensing, testing, measurement, and commissioning of RF systems from VLF to microwave at all power levels.

### **HEIL SOUND LTD.**

5800 North Illinois  
Fairview Heights, IL 62208  
Bob Heil, CEO  
Phone: 618-257-3000  
E-mail: [info@heilsound.com](mailto:info@heilsound.com)  
Website: [www.heilsound.com](http://www.heilsound.com)

**Products and Services:** Heil Sound is a manufacturer of high performance dynamic microphones. Heil Sound products fit a wide range of applications including broadcast, live sound, and recorded sound. Company founder, Bob Heil is an innovator in both concert and broadcast sound reproduction. He currently hosts a podcast on the Twit. Network.

### **HENRY ENGINEERING**

PO Box 3796  
Seal Beach, CA 90740  
Hank Landsberg, CEO  
Phone: 562-493-3589  
E-mail: [info@henryeng.com](mailto:info@henryeng.com)  
Website: [www.henryeng.com](http://www.henryeng.com)

**Products and Services:** We Build Solutions!...products for digital and analog audio interface, USB audio, distribution, mixing, headphones and mic control, tally light and logic control. Our new Talent Pod solves the problems of headphone mixing and mic control for talent at remote broadcasts.

### **HIPCRICKET**

350 7th Ave., 2nd Fl  
New York, NY 10001  
Phone: 855-423-5433  
E-mail: [info@hipcricket.com](mailto:info@hipcricket.com)  
Website: [www.hipcricket.com](http://www.hipcricket.com)

**Products and Services:** Hipcricket provides a unified mobile engagement platform that draws awareness, sales and loyalty. Its AD LIFE platform has been used by internationally recognized brands, agencies and media conglomerants to power more than 400,000 campaigns across SMS, 2D/QR codes, mobile websites, advertising networks, social media and branded apps.

### **HUGHEY & PHILLIPS**

240 West Twain Ave.  
Urbana, OH 43078  
Kay Nance, Sales  
Phone: 937-652-3500  
E-mail: [knance@hugheyandphillips.com](mailto:knance@hugheyandphillips.com)  
Website: [www.hugheyandphillips.com](http://www.hugheyandphillips.com)

**Products and Services:** Hughey & Phillips is a global leader in the design and manufacturing of aircraft warning lighting technology. The company engineers and designs a complete line of low, medium and high intensity lighting technology solutions that provide illumination for radio, television, and communication towers, wind turbines, and buildings to aerial navigation.

### **ICE KRACKERS INC.**

273 Circle Dr.  
Springfield, IL 02703  
Phone: 800-747-8921  
Website: [www.icecrackers.com](http://www.icecrackers.com)

**Products and Services:** The Ice Cracker is used on guy wires of towers to protect the anchoring hardware and dampeners from damage due to ice slides coming down the guy wires. The Ice Cracker is galvanized and comes with mounting hardware. The Ice Cracker is installed just 3 feet above hardware being protected.

### **INDEPENDENT AUDIO INC.**

43 Deerfield Rd.  
Portland, ME 04101  
Fraser Jones, President  
Phone: 207-773-2424  
E-mail: [info@independentaudio.com](mailto:info@independentaudio.com)  
Website: [www.independentaudio.com](http://www.independentaudio.com)

**Products and Services:** Independent Audio was founded in 1993 by Brit, Fraser Jones, who saw an opportunity to launch cutting-edge European manufactured professional audio products that previously had no exposure in the U.S. marketplace. Jones established a network of pro audio dealers throughout the USA, and introduced them to some fine audio products.

### **INOVONICS**

5805 Hwy 9  
Felton, CA 95018  
Lukas Hurwitz, Sales & Marketing Manager  
Phone: 831-458-0552  
E-mail: [sales@inovonicsbroadcast.com](mailto:sales@inovonicsbroadcast.com)  
Website: [www.inovonicsbroadcast.com](http://www.inovonicsbroadcast.com)

**Products and Services:** Inovonics manufactures high quality, cost-effective products for the broadcast professional. From our exceptionally successful range of audio processing products and RDS/RBDS encoders to test/monitoring equipment, Inovonics continues to explore the latest developments in broadcast technology and practices, and is dedicated to building products that are smart, powerful and easy.

## INTERNATIONAL DATACASTING CORPORATION (IDC)

50 Frank Nighbor  
Kanata, Ontario K2V 1B9 Canada  
Walter Capitani, VP, Marketing  
Phone: 613-596-4120

E-mail: [sales@datacast.com](mailto:sales@datacast.com)  
Website: [www.datacast.com](http://www.datacast.com)

**Products and Services:** Product Lines and/or Services: International Datacasting Corporation (TSX: IDC) is a technology provider for the world's premiere broadcasters in radio, television, data and digital cinema. IDC's products and solutions are in demand for radio and television networks, targeted ad insertion, digital cinema, 3D live events, satellite news gathering, sports contribution, VOD, and IPTV.

## ISDNAUDIO.COM

3 Barnsley Rd.  
Birmingham, B17 8EB England,  
United Kingdom

Mo Dutta, Head of Sales  
Phone: 44-121-256-200  
E-mail: [sales@isdnaudio.com](mailto:sales@isdnaudio.com)  
Website: [www.isdnaudio.com](http://www.isdnaudio.com)

**Products and Services:** Specialist and distributor in broadcast ISDN and IP codec systems. We sell new and second-hand systems and offer specialist advice on custom solutions/larger requirements.

## J

### JAMPRO ANTENNAS INC.

6340 Sky Creek Dr.  
Sacramento, CA 95828  
Sonia Del Castillo, Sales &  
Marketing Administrator  
Phone: 916-383-1177

E-mail: [sonia@jampro.com](mailto:sonia@jampro.com)  
Website: [www.jampro.com](http://www.jampro.com)

**Products and Services:** Jampro Antennas, Your partner for HD Radio-IBOC Solutions has over 50 years of experience manufacturing antennas, combiners, filters and RF components. Jampro provides broadcasters with reasonably priced, quality systems. More than 25,000 systems delivered worldwide. Towers and installation services also provided.

### JHBC BROADCAST CONSULTING GMBH

Kleine Homeyerstrasse 11  
Berlin, Germany 13156  
Jochen Huber, president  
Phone: +49 170 5247265

E-mail: [info@jhbc-berlin.de](mailto:info@jhbc-berlin.de)

**Products and Services:** Broadcast solutions for all requirements, tender drafting, studies, buyers guide and sales distribution, repair and restoration of historic radio and transmission equipment

### JK AUDIO INC.

1311 East Sixth St.  
Sandwich, IL 60548

Phone: 815-786-2929

E-mail: [info@jkaudio.com](mailto:info@jkaudio.com)  
Website: [www.jkaudio.com](http://www.jkaudio.com)

**Products and Services:** JK Audio provides award winning audio interfaces for broadcast professionals. Analog and digital hybrids for interviews and talk shows, RemoteMix series field mixers for remote broadcasts and interviews, and a full line of interface tools to get the job done.

### JUNGER AUDIO

Justus von Liebig Str. 7  
Berlin 12489 Germany  
Jochen Wainwright, Sales Director

Phone: +49 306777210

E-mail: [sales@junger-audio.com](mailto:sales@junger-audio.com)  
Website: [www.junger-audio.com](http://www.junger-audio.com)

**Products and Services:** Since 1990, Berlin Germany based Junger Audio have been designing and manufacturing high-quality audio dynamic processors. We offer a unique range of audio processing solutions (in 2, 4 and 8 channels or modular frame versions) used by the world's top Radio and TV broadcasters, recording studios and post production facilities.

## K

### KATHREIN-WERKE KG

Anton-Kathrein-Strasse 1-3  
Rosenheim, D-83022 Germany  
Georg Klausner, Dipl.-Ing.  
Phone: +49 8031 184958

E-mail: [broadcast@kathrein.de](mailto:broadcast@kathrein.de)  
Website: [www.kathrein.de](http://www.kathrein.de)

**Products and Services:** Kathrein-Werke KG is an international enterprise active in antenna and communications technology. For more than 90 years the group of companies has been developing, producing and marketing a wide range of antenna systems and signal processing products.



"I enjoy knowing the people that run Smarts, because it makes me feel confident that they will address my concerns. They are problem solvers. They help my radio station."

- Laurie Prax, KVAK AM & FM/Valdez, AK

"I can't say enough good things about Smarts Broadcast. They have saved my company lots of money over the years, and they've also made it a lot easier to operate a radio station. I can't remember the last time we had a problem. It runs that seamlessly."

- Mark Jensen, MWB Broadcasting/York, NE



Broadcasters trust us to get it right.

SmartsBroadcast.com - 1-800-747-6278



# COMPANYCONTACTS

## KINTRONIC LABS INC.

PO Box 845, Bristol, TN 37621-0845  
Tom King, President  
Phone: 423-878-3141  
E-mail: [kt@kintronic.com](mailto:kt@kintronic.com)  
Website: [www.kintronic.com](http://www.kintronic.com)

**Products and Services:** Kintronic Labs is a world leader in the design, fabrication, installation and commissioning of AM/ Medium Wave HD or DRM terrestrial radio broadcast transmission systems. In addition Kintronic offers a wide range of innovative RF solutions for telecommunications, industrial and other applications.

## KLZ INNOVATIONS LTD.

680 Watt St.  
Winnipeg MB R2K 2S7 Canada  
Phone: 204-334-9640  
Website: [www.klz.com](http://www.klz.com)

## LAWO NORTH AMERICA CORP.

1361 Huntingwood Dr. #16  
Toronto, ON M1S 3J1 Canada  
Herbert Lemcke, President  
Phone: 416-292-0078  
E-mail: [herbert.lemcke@lawo.ca](mailto:herbert.lemcke@lawo.ca)  
Website: [www.lawo.ca](http://www.lawo.ca)

**Products and Services:** Lawo designs and manufactures pioneering audio and video technology for TV and radio broadcast production, post-production, as well as live performance and theatrical applications. Products include digital audio mixing consoles, routers, video processing tools, IP-based video and audio transport solutions. All products are developed and manufactured in Rastatt, Germany.

## LBA GROUP

3400 Tupper Dr.  
Greenville, NC 27834  
Mike Britner, President  
Phone: 252-757-0279  
E-mail: [mike.britner@lbagroup.com](mailto:mike.britner@lbagroup.com)  
Website: [www.lbagroup.com](http://www.lbagroup.com)

**Products and Services:** Worldwide, since 1963 LBA is: Lawrence Behr Associates - communications consulting engineering, FCC compliance, AM detuning & collocation, workplace & site RF safety evaluation. LBA Technology - AM antenna systems, isocouplers, vacuum capacitors, RF parts, RF shielding, lightning protection, test equipment. LBA University - online & onsite safety training.

## LECTROSONICS INC.

581 Laser Rd. NE  
Rio Rancho, NM 87124  
Gordon Moore, VP of Sales  
Phone: 505-892-4501  
E-mail: [sales@lectrosonics.com](mailto:sales@lectrosonics.com)  
Website: [www.lectrosonics.com](http://www.lectrosonics.com)

**Products and Services:** Lectrosonics is a US manufacturer making wireless microphone systems and audio processing solutions for professional use. Applications include ENG, filmmaking, conferencing, theater, sound reinforcement and research.

## LIGHTNER ELECTRONICS INC.

1771 Beaver Dam Rd.  
Claysburg, PA 16625  
Matthew Lightner, President  
Phone: 814-239-8323  
E-mail: [sales@lightnerelectronics.com](mailto:sales@lightnerelectronics.com)  
Website: [www.lightnerelectronics.com](http://www.lightnerelectronics.com)

**Products and Services:** Lightner Electronics Inc. is a full-service broadcast engineering, audio/visual integration and equipment supply firm providing design, repair, fabrication, sales, and installation. We offer professional bench repair of all types of broadcast equipment. We also offer an online store that specializes in refurbished broadcast equipment.

## LOGITEK ELECTRONIC SYSTEMS

5622 Edgemoor Dr.  
Houston, TX 77081  
Frank Grundstein, Director of Sales  
Phone: 713-664-4470  
E-mail: [info@logitekaudio.com](mailto:info@logitekaudio.com)  
Website: [www.logitekaudio.com](http://www.logitekaudio.com)

**Products and Services:** Manufacturer of digital audio routing and audio console systems for on-air, production and news. Products include the Jetstream and Jetstream Plus AoIP audio networking platforms, the Audio Engine TDM platform, and a variety of control surfaces and accessory products.

## M

## MAINESOURCE INC.

PO Box 1312  
Richmond, IN 47375  
Chuck Maines, President  
Phone: 866-282-9061  
E-mail: [sales@mainesource.us](mailto:sales@mainesource.us)  
Website: [www.mainesource.us](http://www.mainesource.us)

**Products and Services:** Broadcast Equipment Sales - 30+ Years Serving The Broadcast Industry. Focused On Providing Equipment That Provides High Value/ ROI For FM Radio Stations Worldwide. Everything Needed For Commercial, Educational, Non-Comm, LPFM, Translator & Booster Stations.

## MAGER CONCEPTS

31 West Lone Cactus #11  
Phoenix, AZ 85027  
Mager Kizziah  
Phone: 602-791-0045  
E-mail: [mager@magerconcepts.com](mailto:mager@magerconcepts.com)  
Website: [www.magerconcepts.com](http://www.magerconcepts.com)

## MARANTZ PROFESSIONAL

D&M Professional Kingsbridge House,  
Padbury Oaks, 581 Bath Rd.  
Longford, Middlesex UB7 0EW  
United Kingdom  
David Morbey, Product Marketing Manager  
Phone: +44 1753680023  
E-mail: [info@dm-pro.eu](mailto:info@dm-pro.eu)  
Website: [www.d-mpro.com](http://www.d-mpro.com)  
**Products and Services:** For many years, Marantz Professional has provided the professional solution for audio acquisition. As familiar in the broadcast, commercial installation and corporate markets as it is in education, legal and professional audio, Marantz Professional continues to supply its customers with the latest in high-quality digital audio acquisition technology.

## USB AUDIO IS THIS EASY WITH USB MATCHBOX II



TO YOUR PC

TO THE REAL WORLD

The ease of USB audio without hum, buzz, or sound-card headaches! Get true professional levels with lots of headroom, and an AES digital output too.



DIGITAL SOLUTIONS. ANALOG SOLUTIONS. FUNCTIONAL. RELIABLE. AFFORDABLE.



Visit [www.henryeng.com](http://www.henryeng.com) for all of Henry's solutions!  
NEW Phone: 562.493.3589 • email: [Info@henryeng.com](mailto:Info@henryeng.com)



**RF Specialties**<sup>®</sup>  
**Group**  
[www.rfspecialties.com](http://www.rfspecialties.com)

Radio Automation...

ARRAKIS SYSTEMS INC.

ARRAKIS SYSTEMS INC.

ARRAKIS SYSTEMS INC.

# Digilink-Xtreme

ON AIR SOFTWARE FOR LIVE ON AIR, HARD DISK, AND SATELLITE AUTOMATION ... 16 CHANNEL ROUTING SWITCHER FOR NETWORK PLAY AND RECORD ... SCHEDULING SOFTWARE FOR YOUR TRAFFIC STUDIO ... EDITOR/RECORDER SOFTWARE FOR PRODUCTION ... PHONER RECORDER/EDITOR ... VOICE TRACKER ... UNATTENDED GAMES ... MUSIC SCHEDULER ... FREE SOFTWARE UPGRADES ... FREE TELEPHONE SUPPORT ... FREE TRAINING ... JUST ADD PC'S AND STIR.



Get a complete Automation solution with software, hardware, upgrades, support, and training for...

**only \$100 /month**

Join the HUNDREDS of others on air around the World with Digilink-Xtreme. Full featured, it is easy to install, use, and maintain. Choose from either the no contract \$100 per month 'Solutions Program' or buy 'Xtreme-Complete' outright for only \$6,500.

With the \$100 per month 'Solutions Program,' you receive Xtreme software (On Air, Production, & Scheduling) and "Bridge" hardware PLUS training, support, and upgrades for your ENTIRE radio station. You supply the PCs or we can supply them for you. For less than the cost of a good cell phone contract you can be on air tomorrow with Xtreme.

With 'Xtreme-Complete' for \$6,500, you purchase a complete system ready for air: DELL business PC, Arrakis 'Bridge', and Xtreme software for on air, production, scheduling, voice tracking and more. The system comes with a full year of the 'Solutions Program' with training, support, upgrades, and next business day 'Bridge' replacement if it should fail. The DELL PC comes with 3 years of next business day, on site service from DELL.

Order your system today and receive it tomorrow... call us at 970-461-0730 ext 309

[www.arrakis-systems.com](http://www.arrakis-systems.com)

970.461.0730

World Radio History

# COMPANYCONTACTS

## MARKETRON

101 Empty Saddle Trail  
Hailey, ID 83333  
Phone: 800-476-7226  
Website: [www.marketron.com](http://www.marketron.com)

**Products and Services:** Marketron is the media industry's leading provider of business software solutions and services. Its Mediascape Platform drives innovation to create new growth opportunities that produce the maximum value for clients. With over 7,000 media organizations served, Marketron solutions manage an estimated \$15 billion in annual advertising revenue in the US.

## MATRIX SOLUTIONS

901 Pennsylvania Ave.  
Pittsburgh, PA 15233  
Brenda Hetrick, VP Sales & Marketing  
Phone: 412-697-3000  
E-mail: [sales@matrixformedia.com](mailto:sales@matrixformedia.com)

Website: [www.matrixformedia.com](http://www.matrixformedia.com)  
**Products and Services:** Matrix Solutions provides a media-specific CRM & Sales Intelligence software platform that streamlines sales management processes and maximizes advertising dollars efficiently. The system provides users with valuable insight across multiple platforms enterprise-wide. Proactive notifications alert users to both areas that need attention and are sales opportunities.

## MEDIA ENGINEERING BROADCASTING SYSTEMS & APPLICATIONS

Hettlerstrasse 11  
Weiningen ZH CH-8104 Switzerland  
Markus Stocker, CEO / President  
Phone: +41 44 750 66 88  
E-mail: [mail@mediaengineering.com](mailto:mail@mediaengineering.com)  
Website: [www.mediaengineering.com](http://www.mediaengineering.com)

**Products and Services:** Media Engineering Markus Stocker is offering project engineering services to radio sound broadcasters and distributes Davicom, Prodys, StudioHub+, Switchcraft and Wheatstone/Vorsis products in Germany, Austria and Switzerland.

## MEDIA MASTERS

Petefijeva 8, Zrenjanin, 23000 Serbia  
Vladimir Musicki, Founder & CEO  
Phone: +381 21 4746036  
E-mail: [studio@mediamasters.rs](mailto:studio@mediamasters.rs)  
Website: [www.mediamastrs.rs](http://www.mediamastrs.rs)  
**Products and Services:** Media Masters is the creator of AdMaster, simple but very powerful traffic scheduler for radio, and Thermometer, software that provides automatic payout of temperature value read from any website. We also provide syndicated contents, remote music scheduling, consulting and staff training services to radio stations worldwide.

## MEDUCI

PO Box 781330  
Orlando, FL 32878-1330  
Jeff Deck, Sales Engineer  
E-mail: [amstereo@meduci.com](mailto:amstereo@meduci.com)  
Website: [www.meduci.com](http://www.meduci.com)  
**Products and Services:** Manufacturer and direct sales for AM stereo tuners and decoders

## MERGING TECHNOLOGIES

Le Verney 4  
Puidoux, Non USA or Canada 1070  
Chris Hollebhone, Sales Manager  
Phone: +41 21 946 0444  
E-mail: [chollebone@merging.com](mailto:chollebone@merging.com)  
Website: [www.merging.com](http://www.merging.com)

**Products and Services:** Merging Technologies manufactures Pyramix and Ovation workstations for recording, editing and on air playback. The revolutionary Horus Networked Audio converter is available with both products or as stand alone. Native or powerful MassCore versions are available with both products.

## MICRONETIXX COMMUNICATIONS

1 Gendron Dr.  
Lewiston, ME 04240  
Bill Ammons,  
Director of Marketing and Sales  
Phone: 207-786-2000  
E-mail: [bammons@micronetixx.com](mailto:bammons@micronetixx.com)  
Website: [www.micronetixxantennas.com](http://www.micronetixxantennas.com)  
**Products and Services:** We build FM (Band II) antennas, Featured are the FML Omni-directional C/P antenna, FMP C/P omnidirectional and the LPF8 FM log-periodic antenna (50 or 75 Ohm) versions available. New: 3 and 5 element FM Yagi.

## MICROPOWER CORP./ POWERGOLD

8500 West Markham St., Suite 201  
Little Rock, AR 72205-2455  
Brenda Burt, Sales Manager  
Phone: 501-821-1123  
E-mail: [sales@powergold.com](mailto:sales@powergold.com)  
Website: [www.powergold.com](http://www.powergold.com)  
**Products and Services:** Combining the art and science of music scheduling, Powergold brings you the intelligent technology you need to turn your music scheduling tasks into an art form. Visit [www.powergold12.com](http://www.powergold12.com) to experience the latest features of the all-new Powergold12 and discover how to program your station's unique sound signature quickly and creatively.

## MIDDLE ATLANTIC PRODUCTS

300 Fairfield Rd  
Fairfield, NJ 07004  
Phone: 800-266-7225  
E-mail: [info@middleatlantic.com](mailto:info@middleatlantic.com)  
Website: [www.middleatlantic.com](http://www.middleatlantic.com)  
**Products and Services:** Middle Atlantic Products is part of the Commercial AV division of Legrand, North America, and manufactures exceptional support and protection products to mount integrated AV systems in Residential, Commercial, Broadcast, and Security applications.

## MOORETRONIX

5311 South Green Avenue  
Fremont, Michigan 49412  
231-924-7818  
[rmoorejr@aol.com](mailto:rmoorejr@aol.com)  
[www.mooretronix.com](http://www.mooretronix.com)  
**Products/Services:** Repair and refurbishment of analog PR&E consoles

## MOSELEY ASSOCIATES INC.

82 Coromar Dr.  
Santa Barbara, CA 93117  
Bill Gould, Broadcast Sales Engineer  
Phone: 805-968-9621  
E-mail: [sales@moseleysb.com](mailto:sales@moseleysb.com)  
Website: [www.moseleybroadcast.com](http://www.moseleybroadcast.com)  
**Products and Services:** Moseley Broadcast is the pioneer and world's leading manufacturer of digital aural microwave links. The first to bring a totally transparent studio-to-transmitter link to the crowded, hostile RF environment, Moseley Broadcast now has over 15,000 microwave systems in service around the world.



## MAGER CONCEPTS

THE BEST IN SOUND FURNITURE



## Quality Custom Studio Furniture

ACCOMMODATING ANY BUDGET FROM ECONOMY TO SHOWPLACE FOR OVER 35 YEARS  
602-791-0045 [Mager@magerconcepts.com](mailto:Mager@magerconcepts.com) [www.magerconcepts.com](http://www.magerconcepts.com)

## MUSIC 1 INC.

210 West Sierra Circle  
San Marcos, TX 78666-2523  
Steve Warren  
E-mail: [steve@gomusic1.com](mailto:steve@gomusic1.com)  
Website: [www.gomusic1.com](http://www.gomusic1.com)  
Products and Services: Music Libraries

## MUSICAMUSA

670 North Beers St., Building 4  
Holmdel, NJ 07733  
Chris Tobin, Solutionist  
Phone: 732-739-5600  
E-mail: [info@musicamusa.com](mailto:info@musicamusa.com)  
Website: [www.musicamusa.com](http://www.musicamusa.com)  
Products and Services: MusicamUSA provides solutions for Broadcast audio/video/ICT/T1 E1 contribution, distribution and OB events to name a few applications. Since 1995 CCS MusicamUSA has introduced best of class ISDN, POTS and IP solutions for Radio, TV and New Media markets. MusicamUSA offers the best of class codecs, over 20,000 codecs in use worldwide.

## MUSICMASTER SOFTWARE

330 South Executive Dr., Suite 205  
Brookfield, WI 53005  
Shane Finch, Sales & Support Director  
Phone: 262-717-2480  
E-mail: [shane.finch@musicmaster.com](mailto:shane.finch@musicmaster.com)  
Website: [www.musicmaster.com](http://www.musicmaster.com)  
Products and Services: Music Scheduling Software

## MYAT INC.

360 Franklin Turnpike  
Mahwah, NJ 7430  
Philip Cindrich  
Phone: 201-684-0100  
E-mail: [pcindrich@myat.com](mailto:pcindrich@myat.com)  
Website: [www.myat.com](http://www.myat.com)

## N

## NAUTEL

10089 Peggy's Cove Rd.  
Hackett's Cove, Nova Scotia B3Z 3J4  
Canada  
Phone: 902-823-5131  
E-mail: [sales@nautel.com](mailto:sales@nautel.com)  
Website: [www.nautel.com](http://www.nautel.com)  
Products and Services: Nautel offers the industry's broadest portfolio of digital/analog solid-state transmission platforms including 1k W to 2000 kW MW/LW transmitters, and 300 W to 88 kW FM transmitters. Over 12,000 deployments in 177 countries rely on our award-winning control and monitoring, class-defining designs, clear technical leadership, and unmatched customer support.

## NETIA-GLOBECAST GROUP

10 E. 40th St. 11th Floor  
New York, NY 10016-0201  
Jeff Jaworski, North American  
Sales Manager  
Phone: 212-332-2141

E-mail: [j.jaworski@netia.com](mailto:j.jaworski@netia.com)  
Website: [www.netia.com](http://www.netia.com)  
Products and Services: NETIA is a leading provider of software solutions that enable efficient management and delivery of audiovisual content to today's full array of media platforms. Relied on by more 15,000 users in 200 installations around the world, NETIA solutions allow content producers and owners to manage content from ingest to delivery.

## NEUMANN BERLIN

Ollenhauerstr. 98  
Berlin, 13403 Germany  
Phone: +49 30 41 77 24 0  
E-mail: [headoffice@neumann.com](mailto:headoffice@neumann.com)  
Website: [www.neumann.com](http://www.neumann.com)  
Products and Services: Neumann is well known as one of the world's leading manufacturers of microphones. From 2010, Neumann offers the expertise in electro-acoustic transducer technologies to the studio monitoring market. The company has manufacturing facilities in Germany and Ireland. Neumann is a Sennheiser Group company.

## NEUTRIK USA INC.

4115 Taggart Creek Rd.  
Charlotte, NC 28208-5479  
Pete Milbery, President  
Phone: 704-972-3050  
E-mail: [info@neutrikusa.com](mailto:info@neutrikusa.com)  
Website: [www.neutrik.com](http://www.neutrik.com)



## NEWBAY MEDIA

28 E. 28th St., 12th Floor  
New York, NY 10016  
Phone: 212-378-0400  
Website: [www.nbmedia.com](http://www.nbmedia.com)  
Products and Services: NewBay proudly serves some of the broadest B-to-B professional and enthusiast communities in the world through over 60 print and digital publications, 100 integrated web and mobile applications, 100+ conferences and conventions, custom marketing services, and e-commerce capabilities.

## NEWSBOSS

PO Box 277  
Lindfield, NSW 2070 Australia  
Kurt Lass, Director Product Marketing  
Phone: +61 2 6493-2785  
E-mail: [sales@newsboss.com](mailto:sales@newsboss.com)  
Website: [www.newsboss.com](http://www.newsboss.com)  
Products and Services: NewsBoss is the most powerful newsroom system designed specifically for radio and is used by nearly 500 radio broadcast facilities world-wide. Specialized tools for News Gathering, Content Creation, Newscast Management and On-Air Presentation enable the efficient and accurate delivery of the highest quality radio news content possible.

## Three New Digital Audio Switching Solutions - An Interface for Every Application

### Introducing the **AES-400 Series** Digital and Analog Audio Switchers from BDI



**AES-402** 2 Input Digital Audio Switcher— Provides four AES3 output DA and analog L/R +4 dBm balanced output. Automatic features include silence and error switching which are all user configurable. Now with serial and parallel remote control interface. Includes a front panel headphone output too!



**AES-403** 2 Input Digital Audio Switcher— Accepts two AES3 inputs or one input can be configured to accept analog L/R + 4dBm input. Provides 2 - AES3 outputs and analog L/R + 4 dBm output. Use for EAS insertion or to insert analog into your digital path. Has AES-402 functionality including automatic features.



**AES-404** 4 Input Digital Audio Switcher— Provides two AES3 outputs and analog L/R +4 dBm balanced output. A great general purpose digital switcher where more than two inputs need to be accommodated. Serial and parallel remote control and front panel headphone output.

[www.broadcast-devices.com](http://www.broadcast-devices.com) Tel. (914) 737-5032 [sales@broadcast-devices.com](mailto:sales@broadcast-devices.com)

# COMPANY CONTACTS

## NEWTEK INC.

5131 Beckwith Blvd.  
San Antonio, TX 78255  
Michael Parkhill, Inside Sales  
Manager, Worldwide  
Phone: 210-370-8000

*E-mail:* mparkhill@newtek.com  
*Website:* www.newtek.com

**Products and Services:** NewTek is transforming how people create network-style television content and share it with the world. From radio, live entertainment, and Web-based talk shows to any venue where people want to capture and publish live video, we give our customers the power to grow their audiences, and businesses, faster than ever.

## NICOM USA INC.

1690 Cactus Rd.  
San Diego, CA 92154  
Dina Giannone, Sales  
Phone: 619-671-9500

*E-mail:* info@nicomusa.com  
*Website:* www.nicomusa.com

**Products and Services:** Nicom USA Inc. offers a wide range of high quality broadcasting products at extremely competitive prices. Our various lines of products include FM transmitters, translators, audio processors and STL systems. Nicom manufactures antennas for many different applications and also offers reconditioned test equipment for most of your laboratory needs.

## NOTT LTD.

3801 La Plata Highway  
Farmington, NM 87401  
Randy Klock, Marketing Director  
Phone: 505-327-5646

*E-mail:* rklock@nottltd.com  
*Website:* www.nottltd.com

**Products and Services:** Nott Ltd. detune systems, AM unipole systems, elevated radial systems, dissipators

## NTI AMERICAS

PO Box 231027  
Tigard, OR 97281  
Phone: 503-684-7050

*E-mail:* ntisales@ntiam.com  
*Website:* www.nti-audio.com

**Products and Services:** NTI manufactures a complete line of test instruments for set-up, maintenance and monitoring of professional audio and broadcast including: analog MR2, MR-PRO generators, XL2, AL1, ML1 audio/acoustic analyzers, STI-PA for XL2, AL1, digital DR2 generator, digital DL1 analyzer, TalkBox acoustical source, Flexus FX100 R&D and production bench top analyzer/generator systems.

## O

## OMB AMERICA

3100 NW 72 Ave., Unit 112  
Miami, FL 33122  
Rafael Arreaza, Sales Manager  
Phone: 305-477-0973

*E-mail:* arreaza@omb.com  
*Website:* www.omb.com

**Products and Services:** OMB America is the international Sales Office for OMB Spain, manufacturer of Radio FM and TV transmitters, antennas, STL systems, analog and digital. Over 40 years in the broadcasting market and sells all over the world.

## OMNIA AUDIO

1241 Superior Ave.  
Cleveland, OH 44114  
Denny Sanders, Omnia Brand Manager  
Phone: 216-622-0247

*E-mail:* denny.sanders@telosalliance.com  
*Website:* www.telosalliance.com

**Products and Services:** Omnia Audio, a Telos Alliance company, is world-renowned for high-quality audio processing solutions for all applications. Omnia Audio processing for FM, AM, HD Radio/DAB/DRM, Internet, satellite and studio production continues to set new standards for professional audio quality.

## OMNIRAX BROADCAST FURNITURE

PO Box 1792  
Sausalito, CA 94966  
Philip Zittell, Director  
Phone: 800-332-3393

*E-mail:* philip@omnirax.com  
*Website:* www.omnirax.com

**Products and Services:** Our Innova line of Custom Broadcast Furniture combines modular components with custom tailored shapes to fit your particular requirements of On-Air, Production and Talk Studios. Our Phoenix line offers several versatile production versions of Innova's most popular designs that, if they fit your room, can save you 40% - 50%.

## OMT TECHNOLOGIES

Unit 1-1717 Dublin Ave.  
Winnipeg, MB R3H 0H2 Canada  
Scott Farr, Business Development  
Phone: 888-665-0501

*E-mail:* sales@imediatouch.com  
*Website:* www.imediatouch.com

**Products and Services:** OMT Technologies Inc. is a solutions provider to the broadcast and media industries. OMT's suite of content management and digital audio software includes iMediaTouch broadcast automation and radio's #1 selling digital logger, iMediaLogger. OMT's technology is heard daily by millions of people worldwide through television, radio, satellite, and internet broadcasts.

## ON AIR DIGITAL GMBH

Buelowstrasse 66  
Berlin, Berlin 10783 Germany  
Rainer Eichhorn, CEO  
Phone: +49 30 8595590

*E-mail:* info@onair.de  
*Website:* www.onair.de

**Products and Services:** On Air Digital is the international distributor for the music scheduling software MusicMaster as well as the online music research software Airtime. On Air Digital also produces the MusicMaster extensions mCloud, mVisual and mArchive

## Low Power or Full Power the easiest path to EAS/CAP compliance



### the DASDEC-II from Digital Alert Systems

When you're looking to expand or streamline operations and EAS/CAP compliance seems to be an issue you need the product and the people that know how to make it easier and there's no better partner than Digital Alert Systems.

With multiple award winning products, a flexible platform that supports direct network integration with the top automation companies like RCS™ and WideOrbit™ no one can match the power and experience of Digital Alert Systems.

Isn't it time to make EAS/CAP compliance easier? With prices starting at just \$1995 you don't need to waste any more time. The DASDEC - here today, and ready for tomorrow.

 **Digital Alert  
Systems**

(585)765-1155 [www.digitalalertsystems.com](http://www.digitalalertsystems.com)

Call or click today and learn why more broadcasters select Digital Alert Systems as their CAP/EAS partner.

# Who says a console can't be smart *and* sexy?



What matters most: beauty, or brains? Some networked consoles need a Masters degree to operate; others look like refugees from 1985. What to do?

Don't settle. Fusion, from Axia Audio (the guys who invented AoIP), delivers sophistication and style in one sexy package. Intelligent features like automatic mix-minus for phones and codecs, built-in talent talkback, source EQ and voice dynamics, 99 Show Profile snapshots, plus Custom Source Profiles with detailed control over the behavior of every input, deliver the fastest, most error-free talent workflow ever.

Good looks? Fusion's stunningly elegant design sets off any studio. Fusion is engineered with only top-drawer components. Like super-sharp OLED channel displays. Textured, machined metal work surfaces with double-anodized markings that can't rub off – ever. Optical encoders, aerospace-quality switches and super premium faders rated for millions of flawless operations. And only Axia backs you with the industry's only 5-year warranty, 24/7 Support, and experience gained from over 6,500 AoIP consoles on the air.

Brains or beauty? Choose both! Fusion – the perfect union of design and technology.



**Broadcasters  
General Store**



(352) 622-7700 | [bgs.cc](http://bgs.cc) | [AxiaAudio.com](http://AxiaAudio.com)

©2014 TLS Corp. Axia®. The Telos Alliance®. All Rights Reserved A14/18001

World Radio History

# COMPANYCONTACTS

## ON-AIR LIGHTS

12585 Kirkham Court  
Poway, CA 92064  
Mike Buchanan, Sales Manager  
Phone: 858-536-2927  
E-mail: [info@cbt-net.com](mailto:info@cbt-net.com)  
Website: [www.cbt-net.com/onair](http://www.cbt-net.com/onair)

**Products and Services:** ON-AIR Lights is a manufacturer of high quality, architectural, studio warning lights in many styles to fit the professional broadcast, recording, and live production decor. The bright, polished, retro, Classic light fixture, as all our fixtures, are available in red, blue, or black lenses with standard or custom text.

## OPNS

Rue Theodore Verhaegen, 196  
Brussels, 1060 Belgium  
Marc Boitel, CEO  
Phone: +32 2 542 87 87  
E-mail: [info@opns.be](mailto:info@opns.be)  
Website: [www.opns.be](http://www.opns.be)

**Products and Services:** Founded in 1989 and located in Brussels, OPNS has always been active in providing products and services for the broadcasting industry. Our main products: DigiPlanPro (multichannel ads scheduler), AudioSpy (professional audiologger) and SoundID (global stream analyser and automated recognition/identification).

## ORBAN

8350 East Evans Rd., Suite C-4  
Scottsdale, AZ 85283  
David Rusch, Media Director  
Phone: 480-403-8300  
E-mail: [drusch@orban.com](mailto:drusch@orban.com)  
Website: [www.orban.com](http://www.orban.com)

**Products and Services:** Orban is a worldwide leader in audio processing for AM, FM, TV and Internet broadcasting. With over 45 years of experience in the field, major networks and individual stations sound their best with the audio processing of the Orban.

## P

## PHASETEK INC.

550 California Rd., Suite 11  
Quakertown, PA 18951  
Robin Nelson, Administrative Assistant  
Phone: 215-536-6648  
E-mail: [sales@phasetekinc.com](mailto:sales@phasetekinc.com)  
Website: [www.phasetekinc.com](http://www.phasetekinc.com)

**Products and Services:** Manufacturer of custom AM Broadcast Equipment: Phasors, Diplexers, ATU's as well as FCC Filing. Committed to excellence and customer satisfaction in the Radio industry.

## POTOMAC INSTRUMENTS

7309 Grove Rd., Unit D  
Frederick, MD 21704  
Guy Berry, Manager  
Phone: 301-696-5550  
E-mail: [sales@pi-usa.com](mailto:sales@pi-usa.com)  
Website: [www.pi-usa.com](http://www.pi-usa.com)

**Products and Services:** Potomac Instruments manufactures and services Medium Wave Antenna monitoring systems, Field Strength Meters and related test equipment used in the Broadcast market.

## PRESONUS AUDIO ELECTRONICS

18011 Grand Bay Court  
Baton Rouge, LA 70809  
Steve Oppenheimer,  
Public Relations Manager  
Phone: 225-216-7887  
E-mail: [soppenheimer@presonus.com](mailto:soppenheimer@presonus.com)  
Website: [www.presonus.com](http://www.presonus.com)

**Products and Services:** PreSonus Audio Electronics Inc., is a leading designer and manufacturer of audio-recording and live-sound software, hardware, and related accessories. PreSonus's software, microphone preamps, signal processors, digital audio interfaces, digital mixers, control surfaces, loudspeakers, and other products are used worldwide for recording, sound reinforcement, broadcast, sound design, and Internet audio.

## PRIMACOUSTIC

1588 Kebet Way  
Port Coquitlam, British Columbia V3C 5M5  
Canada  
Phone: 604-942-1001  
E-mail: [info@primacoustic.com](mailto:info@primacoustic.com)  
Website: [www.primacoustic.com](http://www.primacoustic.com)

**Products and Services:** Primacoustic is a leading manufacturer of high performance acoustic materials. Our ground-breaking Broadway acoustic panels not only grace the studio walls of international artists, they were used to control the acoustics at the Vancouver 2010 Winter Olympics by US giant NBC and Canada's CTV in the International Broadcast Center.

## PRISTINE SYSTEMS CORP.

1891 N. Gaffey St., Suite i  
San Pedro, CA 90731  
Kevin Loper, CEO  
Phone: 310-831-2234  
E-mail: [sales@pristinesys.com](mailto:sales@pristinesys.com)  
Website: [www.pristinesys.com](http://www.pristinesys.com)

**Products and Services:** Established in 1983, Pristine Systems Corp. offers a complete line of Live Assist, Satellite Automation, and Music-on-Hard-Drive Solutions. Each designed to be very user friendly, yet powerful enough to handle the most demanding tasks. Advanced metadata capabilities, easy operation, cutting edge features, unsurpassed tech support and affordable pricing.

## PRO-COMM INC.

1105 Industrial Parkway  
Brick, NJ 08724  
Carol Butti, Admin Asst  
Phone: 732-206-0660  
E-mail: [procomm222@aol.com](mailto:procomm222@aol.com)  
Website: [www.procomm222.com](http://www.procomm222.com)

**Products and Services:** Design high power RF microwave devices. RF amplifiers, triode cavity oscillators, sources, transmitters, test equipment for cellular, military, medical, sterilization, university, and private labs, etc. Operating frequencies 600 MHz to 3000 MHz with powers from 500W peak to 50kW peak nominal. Also design manufacture and service RF drivers.

## PROGRESSIVE CONCEPTS

305 South Bartlett Rd.  
Streamwood, IL 60107  
Eric Hoppe, Owner  
Phone: 630-736-9822  
E-mail: [sales@progressive-concepts.com](mailto:sales@progressive-concepts.com)  
Website: [www.progressive-concepts.com](http://www.progressive-concepts.com)

**Products and Services:** Featuring a complete line of FM Radio Broadcast and LPFM Radio Broadcast Transmitters, Coaxial Cables, Antennas, Towers, Microphones, Mixing Consoles, Audio Processors, Accessories, and More! If you have any questions about our products send us an e-mail or give us a call. We're here to help.

## PROPAGATION SYSTEMS INC. - PSI

719 Pensacola Rd., PO Box 113  
Ebensburg, PA 15931  
Doug Ross, President  
Phone: 814-472-5540  
E-mail: [sales@psibroadcast.com](mailto:sales@psibroadcast.com)  
Website: [www.psibroadcast.com](http://www.psibroadcast.com)

**Products and Services:** PSI designs & manufactures high-quality solutions for FM & TV broadcasting. Products include FM & TV broadcast antennas, combiners, filters, & transmission lines. Antenna designs available for, all power levels, directional or non-directional, pattern optimization, customization & multi-station requirements. Also Full FM & TV Turnkey Transmission Systems.

## PTEK

1723-D Little Orchard St.  
San Jose, CA 95125  
Rosy Ryan, Marketing  
Phone: 888-889-2958  
E-mail: [rosy@ptekpower.com](mailto:rosy@ptekpower.com)  
Website: [www.ptekpower.com](http://www.ptekpower.com)

**Products and Services:** PTEK is America's favorite transmitter manufacturer offering solid state transmitters from 150-10,000 watts. PTEK offers superior technical support that sets us apart from worldwide competition. All products are designed and manufactured in America.

## Q

## QUU INC.

7683 SE 27th St., #432  
Mercer Island, WA 98040  
Joe Harb, CEO  
Phone: 864-697-8801  
E-mail: [info@myquu.com](mailto:info@myquu.com)  
Website: [www.quuinteractive.com](http://www.quuinteractive.com)

**Products and Services:** Quu is an advertising and content management platform that recognizes over-the-air commercials and displays synchronized text on RDS and HD Radio, as well as rich messaging online and on mobile platforms from a single, easy-to-use interface. ALI content is synchronized with interactive online playlist and Mobile Application.

## R

## R.V.R. ELETTRONICA S.P.A

via del Fonditore 2/2C  
Bologna, 40138 Italy  
Pier Luigi Mandrioli,  
International Sales Manager  
Phone: +30 6905160105  
E-mail: [info@rvr.it](mailto:info@rvr.it)  
Website: [www.rvr.it](http://www.rvr.it)

**Products and Services:** R.V.R. Elettronica was founded in 1979 and during these 33 years RVR has formed an established group of companies consolidating its leader position in the FM and TV worldwide market. RVR supplies analog and digital, air or liquid cooled FM and TV transmitters, antennas, filters, combiners and accessories.

## RADIAL ENGINEERING LTD.

1588 Kebet Way  
Port Coquitlam, British Columbia V3C 5M5  
Canada  
Phone: 604-942-1001  
E-mail: [info@radialeng.com](mailto:info@radialeng.com)  
Website: [www.radialeng.com](http://www.radialeng.com)

**Products and Services:** Radial Engineering Ltd. is a manufacturer of professional audio products based in Vancouver, British Columbia, Canada. Brands include: Radial, Primacoustic, Reamp, Hafler and Jensen. Quality construction and exceptional audio performance are the underpinnings that have served to make Radial one of the most respected and trusted brands in the industry.



**RF Specialties<sup>®</sup>**  
**Group**  
[www.rfspecialties.com](http://www.rfspecialties.com)



Broadcast Software International

# Simian Gateway

## Remote Control for Simian 2.2 **PRO** Radio Automation



Simian Remote is available for PC, iPhone, and iPad

### Simian Gateway opens a portal into your Simian 2.2 **PRO** Radio Automation, enabling real-time remote control and advanced Remote Voice Track creation over the internet.

#### Live Remote Control

The Simian Gateway offers a TCP/IP portal into your Simian 2.2 Pro automation system so that Simian Remote for PC and Simian Remote for iPad can connect to your automation system. The Simian Gateway manages up to ten connections from Simian Remote clients to a single Simian 2.2 Pro On-Air or Production installation over your local area network or across the internet. Each person in a multi-talent program can have their own interface!

#### Full Featured Remote Voice Tracking

With Simian Gateway and Simian Remote clients, you now have the ability to create and insert voice tracks remotely! We aren't talking a simple insertion of a recorded audio file. Simian Remote's advanced voice track editor can download intro and segue cuts that the Simian Gateway creates for the songs surrounding your voice track so that you can fully preview and set cross-over points for your voice track!

#### Cost Effective

Simian Gateway comes at a very affordable add-on price to Simian 2.2 Pro. Contact BSI Sales for pricing information.

Simian Remote clients are completely free. All you need is the Simian Gateway and you can install and run a Simian Remote client on as many devices as you wish. There are Simian Remote client versions for both Windows PC and iPad.



### Simian Gateway runs alongside Simian 2.2 **PRO** to manage TCP/IP communications between Simian Remote clients & Simian 2.2 **PRO**.

For More Information Call: 1-888-BSI-USA-1 ~ Email: sales@bsiusa.com ~ Web: www.bsiusa.com

# COMPANYCONTACTS

## RADIO MAGAZINE

710 East Garfield, Suite 249  
Laramie, WY 82070  
Shane Toven, Editor  
Phone: 212-378-0400 x518  
E-mail: [stoven@nbmedia.com](mailto:stoven@nbmedia.com)  
Website: [radiomagonline.com](http://radiomagonline.com)  
**Products and Services:** Radio magazine is part of NewBay Media's Broadcast and Video group. We reach over 9,000 subscribers with deep technical content written by industry professionals, for industry professionals. Our goal is to give readers the comprehensive up-to-date information that they need to make informed decisions about their facilities on a daily basis.

## RADIO SYSTEMS

601 Heron Dr.  
Logan Township, NJ 08085  
Jo-Ann Dunn, Sales Manager  
Phone: 856-467-8000  
E-mail: [sales@radiosystems.com](mailto:sales@radiosystems.com)  
Website: [www.radiosystems.com](http://www.radiosystems.com)  
**Products and Services:** Manufacturer of analog, hybrid and digital consoles, distribution amplifiers, clocks and timers, telephone interfaces and StudioHub+ CAT-5 complete studio wiring system.

## RADIONOMY

225 Bush St., 12th Floor  
San Francisco, CA 94104  
Jonathan Westerling,  
Audience Manager, US  
Phone: 415-722-9182  
E-mail: [broadcasters@radionomy.com](mailto:broadcasters@radionomy.com)  
Website:  
[www.radionomyforbroadcasters.com](http://www.radionomyforbroadcasters.com)  
**Products and Services:** Radionomy is a streaming solution for small to mid-size broadcasters who want to take their online signal from a cost center to a revenue generator. Our no-cost, listener monetizing platform offers superior sound, in-stream server-side ad injection, powerful statistics, and access via any industry standard listening technology.

## RADIOTRAFFIC.COM

307 Brown St.  
Waxahachie, TX 75165  
Dave Scott, CEO  
Phone: 866-500-0500  
E-mail: [dave@radiotraffic.com](mailto:dave@radiotraffic.com)  
Website: [www.radiotraffic.com](http://www.radiotraffic.com)  
**Products and Services:** Traffic and billing software for order entry, log generation, invoice generation, receiving bank deposits, reports, projections, copy and production entry, maintenance and billing affidavits. Affordable yet fully featured.

## RAM SYSTEMS

27992 West Route 120  
Suite 138  
Lakemoor, IL 60051  
Ron Mitchell, President  
Phone: 847-487-7575  
E-mail: [sales@ramsystemsonline.com](mailto:sales@ramsystemsonline.com)  
Website: [www.ramsystemsonline.com](http://www.ramsystemsonline.com)  
**Products and Services:** RAM Systems is a systems integration company that caters to the Broadcast and Recording Industries. RAM manufactures Studio furniture and represents many other companies whose products are used in the integration process.

## RCS

445 Hamilton Ave.  
White Plains, NY 10601  
Phillipe Generali, President/CEO  
Phone: 914-428-4600  
E-mail: [sales@rcsworks.com](mailto:sales@rcsworks.com)  
Website: [www.rcsworks.com](http://www.rcsworks.com)  
**Products and Services:** RCS is a technology company that has been inventing solutions for the broadcasting industry for over 30 years. As innovations, our products and services are used at more than 9,000 radio stations, TV music channels, cable companies, satellite radio networks and Internet stations worldwide.

## RDL

659 Sixth St.  
Prescott, AZ 86301  
Chuck Smith, National Sales Manager  
Phone: 928-443-9391  
E-mail: [sales@rdlnet.com](mailto:sales@rdlnet.com)  
Website: [www.rdlnet.com](http://www.rdlnet.com)  
**Products and Services:** RDL is the world's premier manufacturer of high-quality audio, video and control modules. RDL's product offering includes broadcast quality digital audio products, audio/video over twisted pair, mic preamps and hundreds of audio/video interface products for a wide variety of applications.

## RF PARTS

435 South Pacific St.  
San Marcos, CA 92078  
Phone: 800-737-2787  
E-mail: [rpf@rfparts.com](mailto:rpf@rfparts.com)  
Website: [www.rfparts.com](http://www.rfparts.com)  
**Products and Services:** Since 1967 RF Parts Company has been the front runner for genuine and quality parts for all your radio needs. RF Parts only sells the highest quality, and best parts available.

## RF SERVICES INC.

7301 Ranch Rd. 620 N, Suite 155  
Austin, TX 78726  
Greg Shapiro, Consulting Engineer  
Phone: 512-687-3636  
E-mail: [greg@broadcastengineer.com](mailto:greg@broadcastengineer.com)  
Website: [www.broadcastengineer.com](http://www.broadcastengineer.com)

## RF SOFTWARE, INC.

617 NW 20th Avenue  
Gainesville, Florida 32609  
352-367-1700  
[alex@rfsoftware.com](mailto:alex@rfsoftware.com)  
[www.rfsoftware.com](http://www.rfsoftware.com)  
**Products/Services:** Software for RF signal mapping

## RF SPECIALTIES OF MISSOURI (KEARNEY OFFICE)

22406 NE 159th St.  
Kearney, MO 64060  
Chris Kreger  
Phone: 800-628-5959  
E-mail: [rfmo@uniteone.net](mailto:rfmo@uniteone.net)  
Website: [www.rfspecialties.com](http://www.rfspecialties.com)

## RF SPECIALTIES OF MISSOURI (RAYMORE OFFICE)

307 West Royal St.  
Raymore, MO 64083  
John Sims  
Phone: 877-331-4930  
E-mail: [johnsims@comcast.net](mailto:johnsims@comcast.net)  
Website: [www.rfspecialties.com](http://www.rfspecialties.com)

## RF SPECIALTIES OF TEXAS (NEWARK OFFICE)

PO Box 1010  
Newark, TX 76071  
Dan Sessler  
Phone: 817-489-2730  
E-mail: [rfstx@swbell.net](mailto:rfstx@swbell.net)  
Website: [www.rfspecialties.com](http://www.rfspecialties.com)

## RODE MICROPHONES

6385 Rose Ln  
Carpinteria, CA 93013  
Phone: 805-566-7777  
E-mail: [info@rodemic.com](mailto:info@rodemic.com)  
Website: [www.rodemic.com](http://www.rodemic.com)  
**Products and Services:** RODE Microphones is one of the world's leading manufacturers of professional broadcast microphones and accessories. RODE's products are used daily in studios the world over as well by artists, audio engineers, filmmakers, television and radio stations, houses of worship, and in any application where high-quality audio recording is required.

## DJB WebStream Digital Logger & WebStream Monitor

**WebStream monitoring & stream recovery made easy**

**Low cost – uses generic sound cards – Win 7 or 8**

**1-2-4 & 8 Ch. Versions**

**Digital JukeBox**



[www.digitaljukebox.com](http://www.digitaljukebox.com)

**Demo Available**

**702-487-3336**

## ROHDE & SCHWARZ GMBH & CO. KG

Muehldorfstr. 15  
Munich, 81671 Germany  
Patrizia Muehlbauer, PR  
Phone: +49 4129 0  
customersupport@rohde-schwarz.com  
Website: www.rohde-schwarz.com

**Products and Services:** Rohde & Schwarz is a leading supplier of solutions in the fields of broadcast and media. Established over 80 years ago, Rohde & Schwarz has a global presence and a dedicated service network in over 70 countries. Company headquarters are in Munich, Germany.

## ROHN PRODUCTS

1 Fairholm Ave.  
Peoria, IL 61603  
Mark Allen, Vice President  
Phone: 309-566-3000  
E-mail: sales@rohnnet.com  
Website: www.rohnnet.com

**Products and Services:** ROHN is a worldwide designer/supplier of towers and structures. Established in 1946, all products are manufactured in Peoria, IL, USA plants. We supply standard towers and custom guyed designs up to 2,000' high. Self-supporting towers to 900'. Broadcast towers a specialty. Go straight to the source, others have for 65 years!

## ROLAND SYSTEMS GROUP U.S.

5100 S. Eastern Ave., PO Box 910921  
Los Angeles, CA 90091  
Christian Delfino, VP of Sales  
Phone: 323-215-2111  
E-mail: info@rolandsystemsgroup.com  
Website: www.rolandsystemsgroup.com

**Products and Services:** Roland Systems Group U.S. (RSG) supplies the commercial and performance audio/video industries with application specific equipment from the Roland audio and video product lines. These product lines address applications for houses of worship, studios, radio and broadcast, theaters/performing arts centers, production houses and rental and staging companies.

## RTW INTERNATIONAL CORP.

20E East Roseville Rd.  
Lancaster, PA 17601  
Christopher Spahr, Director of Sales & Operations  
Phone: 877-938-7221  
E-mail: cspahr@rtw.com  
Website: www.rtw.com

**Products and Services:** For more than 45 years, RTW has accompanied the steady technological progress in the professional audio industry with innovative instruments and technologies for visual audio monitoring in broadcast, production, post production and quality control. RTW International Corp. houses all customer service, repair and final product assembly activities for U.S.-based customers.

## RUSHWORKS

800 Parker Square, Suite 200  
Flower Mound, TX 75028  
Rush Beesley, President  
Phone: 888-894-7874  
E-mail: rush@rushworks.tv  
Website: www.rushworks.tv

**Products and Services:** Rushworks provides low-cost, easy-to-use television production and automation systems for encoding and streaming meetings and events - as well as 24/7 content playback for both broadcast and streaming TV stations. We specialize in touch screen PTZ camera control to support single operator multi-camera productions.

## S

### SABRE TOWERS AND POLES

7101 Southbridge Dr., PO Box 658  
Sioux City, IA 51102-0658  
Terrence Becht,  
Broadcast Sales Representative  
Phone: 800-369-6690  
E-mail: towerinfo@sabreindustries.com  
Website: www.sabretowersandpoles.com

**Products and Services:** Providing towers for nearly all broadcast applications, Sabre Towers and Poles manufactures guyed and self-supporting towers with tubular, solid round or angle members. Our components division, Sabre Site Solutions, offers pre-engineered lightweight towers and tower accessories. Sabre offers concrete and lightweight shelters from Sabre Building Systems by CellXion.

### SAGE ALERTING SYSTEMS

800 Westchester Ave., Suite 641 North  
Rye Brook, NY 10573  
Harold Price, President  
Phone: 914-872-4069  
E-mail: info@sagealertingsystems.com  
Website: www.sagealertingsystems.com

## TWO CUTTING EDGE MONITORS TO HANDLE YOUR FM MONITORING NEEDS IN THE 21<sup>ST</sup> CENTURY FROM THE COMPANY YOU HAVE KNOWN AND TRUSTED FOR OVER 45 YEARS

### THE AWARD WINNING, ACCLAIMED

## FMHD-1

NOW WILL SIMULTANEOUSLY DECODE & DISPLAY  
4 HD AUDIO STREAMS!

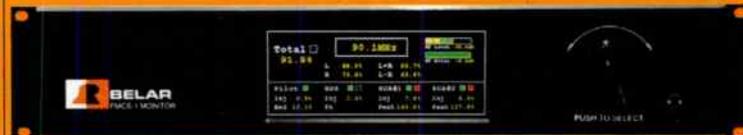


- Direct Sampling of the FM RF Carrier
- Digital FM Carrier Demodulation
- Frequency Agile on both Antenna & High Level RF Inputs
- RF Spectrum Analysis with FFT Power Band Calculations
- Adjustable RF Mask for High Power/Asymmetrical HD Sidebands
- Metering of Analog Total, Pilot, L, R, L+R, & L-R
- Metering of HD L/R/L+R/L-R Audio Streams
- Time Alignment Cross Correlations Analysis  $\pm 16384$  Samples,  $\pm 375$ ms
- HD Control and Status Information
- HD SIS and PAD Data
- BER (bit error rate) Measurements
- User Assignable Email, Relay & Display Alarms
- RJ-45 Ethernet Interface with Remote PC Software

### THE ALL NEW FM SOLUTION

## FMCS-1

All-in-One FM Modulation Monitor  
Now includes Peak Weighting! (with software update)



- Direct Sampling of FM RF Carrier
- Frequency Agile on both Antenna & High Level RF Inputs
- AM & Sync AM Noise Measurements
- Variable BW Digital IF Filtering
- Digital FM Demodulation with 100dB 75 $\mu$ s SNR
- Variable BW Composite Filtering
- Digital Stereo Demodulation with 100dB L/R Separations
- Full Metering of Analog Peak and RMS Values
- RDS Injection and Full Data Decoding
- Two Digital SCA Decoders
- RF, Composite and Audio FFT Spectrum Analysis
- User Assignable Email, Relay & Display Alarms
- RJ-45 Ethernet Interface with Remote PC Software



VISIT BELAR.COM FOR THE LATEST PRODUCT INFORMATION & SOFTWARE UPDATES!

"When accuracy counts, count on Belar" • 610-687-5550 • sales@belar.com • www.belar.com

# COMPANY CONTACTS

**Products and Services:** Sage Alerting Systems provides Emergency Alert System (EAS) and Common Alerting System (CAP) hardware and software for the international broadcast industry. Sage's flagship product, the Sage Digital ENDEC, provides combined EAS and CAP support in a fully certified solution. Sage has provided EAS solutions since 1996.

## SANDIES

225 Lincoln Highway, Suite 167  
Fairless Hills, PA 19030  
David Strode, Owner  
Phone: 215-547-2570  
E-mail: [service@sandiesusa.com](mailto:service@sandiesusa.com)  
Website: [www.sandiesusa.com](http://www.sandiesusa.com)

**Products and Services:** SANDIES manufactures the DYNAMAX MX Series of ON AIR Broadcasting Consoles in 4-18 channel configurations as well as the Model 340, 343 and 393 Series Studio Warning Lights displaying "ON AIR", "RECORDING" and custom text requests in a multitude of languages.

## SCISYS DEUTSCHLAND GMBH

Borgmannstrasse 2  
Bochum, 44894 Germany  
Harald Groeger, Business  
Communications & Sales  
Phone: +49 234 9258 0  
E-mail: [media@scisys.de](mailto:media@scisys.de)  
Website: [www.scisys.de](http://www.scisys.de)

**Products and Services:** SCISYS Deutschland GmbH has been offering solutions in the professional broadcast segments for more than 20 years. SCISYS implements turnkey systems for leading broadcasters based on the modular dila! product line and the SCISYS content management system for archives. Its customers include the BBC, major German and Arabic broadcasters.

## SCMS INC.

10201 Rodney Blvd.  
Pineville, NC 29710  
Bob Caithen, President  
Phone: 704-534-1333  
E-mail: [bobc@scmsinc.com](mailto:bobc@scmsinc.com)  
Website: [www.scmsinc.com](http://www.scmsinc.com)

**Products and Services:** Distributor of Radio and TV Studio and Transmitter Products.

## SECURENET SYSTEMS

356 SW 12th Ave.  
Deerfield Beach, FL 33442  
Kerry Brewer, Executive Management  
Phone: 954-481-9402  
E-mail: [info@securenetsystems.net](mailto:info@securenetsystems.net)  
Website: [www.radiostreamingservices.com](http://www.radiostreamingservices.com)

**Products and Services:** World's largest streaming provider for radio stations. Serving thousands of radio stations in over 40 countries and every US State, offering a range of Internet-centric services to the radio industry, including high-speed streaming in HE-AACv2, royalty accounting, free ad insertion, mobile listener apps, ad network revenue sharing and much more.

## SENNHEISER

One Enterprise Dr.  
Old Lyme, CT 06371  
Phone: 860-434-9190  
E-mail: [info@sennheiser.com](mailto:info@sennheiser.com)  
Website: [www.sennheiser.com](http://www.sennheiser.com)

**Products and Services:** Audio specialist Sennheiser manufactures studio, stage and broadcast microphones, headphones and headsets as well as wireless microphones and monitoring systems.

## SHIVELY LABS

188 Harrison Rd., PO Box 389  
Bridgton, ME 04009  
Angela Gillespie, Sales Manager  
Phone: 207-647-3327  
E-mail: [sales@shively.com](mailto:sales@shively.com)  
Website: [www.shively.com](http://www.shively.com)

**Products and Services:** Shively Labs manufactures a complete line of FM antennas, filters, combiners, coax components and related transmission products. Shively is the industry leader for supplying FM transmission equipment for HD Radio implementation, including interleaved antennas, dual antennas, dual feed multi-station systems and special filtering and combining techniques.

## SIERRA AUTOMATED SYSTEMS & ENGINEERING CORP.

2821 Burton Ave.  
Burbank, CA 91504  
Al Salci, VP Sales  
Phone: 818-840-6749  
E-mail: [al@sasaudio.com](mailto:al@sasaudio.com)  
Website: [www.sasaudio.com](http://www.sasaudio.com)

**Products and Services:** SAS provides complete solutions for audio routing, mixing, consoles, intercom/talkback, IFB and automation. SAS manufactures consoles, studio control panels, intercom stations, headphone amplifiers, USB audio interfaces and audio networks. Connect analog, digital, AoIP - they can all talk to each other! Extensive remote control, programming and diagnostic software.

## SINE SYSTEMS

4835 North St., Marcellus, NY 13108  
Kevin Smith, Sales/Technician  
Phone: 315-673-3570  
E-mail: [kevin@armstrongtx.com](mailto:kevin@armstrongtx.com)  
Website: [www.sinesys.com](http://www.sinesys.com)

**Products and Services:** Sine Systems produces the popular RFC-1/B Remote Control and monitoring equipment for Broadcast Transmitter sites.

## SMARTS BROADCAST SYSTEMS

2508 Main St.  
Emmetsburg, IA 50536  
Henry Mowry, Director of Marketing  
Phone: 800-747-6278  
E-mail: [sales@smartsbroadcast.com](mailto:sales@smartsbroadcast.com)  
Website: [www.smartsbroadcast.com](http://www.smartsbroadcast.com)  
**Products and Services:** Smarts Broadcast Systems was founded by a broadcaster, John Schad, to create software for broadcasters that need efficient and reliable systems to make stations more profitable. Family owned & operated since 1983. In spite of today's economic uncertainty, this company is still close to the roots of our business.

## SNC MANUFACTURING

101 West Waukau Avenue  
Oshkosh, WI 54902-7209  
920-231-7370  
[oem@sncmfg.com](mailto:oem@sncmfg.com)  
[www.sncmfg.com](http://www.sncmfg.com)  
**Products/Services:** Custom transformer manufacturing

## SONIFEX LTD.

61 Station Rd.  
Irthlingborough, Northamptonshire NN9 5QE United Kingdom  
Richard Butlin, Sales Manager  
Phone: +44 1933 650 700  
E-mail: [sales@sonifex.co.uk](mailto:sales@sonifex.co.uk)  
Website: [www.sonifex.co.uk](http://www.sonifex.co.uk)  
**Products and Services:** Sonifex has been manufacturing high quality audio and video equipment for radio and TV studios for 45 years and has a reputation for quality and reliability. The constant need to innovate is an integral part of the Sonifex culture, combining outward-looking ideas with sound and efficient practices.

## STACO ENERGY PRODUCTS

301 Gaddis Blvd.  
Dayton, OH 45403  
Phone: 937-253-1191  
Website: [www.stacoenergy.com](http://www.stacoenergy.com)

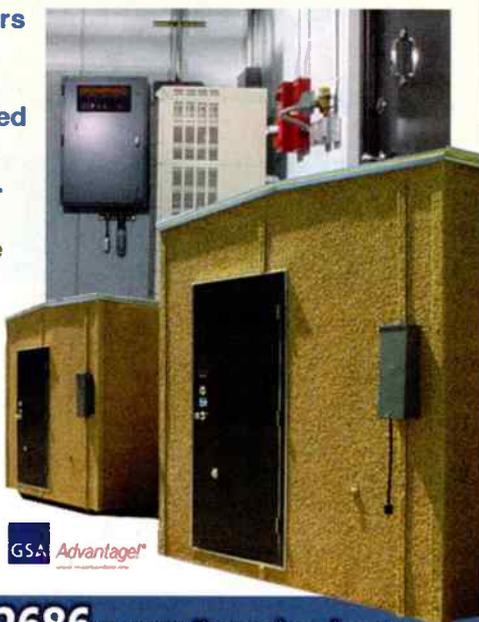
## STATIONPLAYLIST.COM

New Zealand  
E-mail: [sales@stationplaylist.com](mailto:sales@stationplaylist.com)  
Website: [www.stationplaylist.com](http://www.stationplaylist.com)  
**Products and Services:** StationPlaylist.com provides a very affordable and powerful radio broadcasting software solution for terrestrial radio or webcasting. We produce a music and a spot scheduler, live assist or automation ployout with manual or intelligent automatic crossfading, instant cart system, website integration, local and remote voice tracking, and much more.

## Quality, Flexibility, Value, Customization

Equipment shelters  
and cabinets  
designed, built,  
wired and delivered  
on time for your  
equipment needs.

- The First Choice of 32 State Governments and hundreds of Local 911 Services
- Full Equipment Integration
- Delivered on Time



1-800-356-2686 • [www.thermobond.com](http://www.thermobond.com)

**THERMOBOND**  
BUILDINGS

Fast. Friendly.  
Focused. Flexible.

### STREAMGUYS

2212 Jacoby Creek Rd.  
Bayside, CA 95524  
Jonathan Speaker, COO  
Phone: 877-287-2938  
E-mail: [info@streamguys.com](mailto:info@streamguys.com)  
Website: [www.streamguys.com](http://www.streamguys.com)  
**Products and Services:** In business since 2000, StreamGuys is a provider of audio and video streaming toolsets and services. The company has a reputation for outstanding customer service, a robust and reliable network, and competitive rates. More than 600 clients worldwide, across many industries, depend on their mission-critical service.

### STREANN MEDIA

3250 NE First Ave.  
Miami, FL 33137  
Antonio Calderon, CTO, Co-Founder  
Phone: 305-527-2619  
E-mail: [sales@streann.com](mailto:sales@streann.com)  
Website: [www.streann.com](http://www.streann.com)  
**Products and Services:** Streann Media is a media streaming service provider for the nanosecond world. Our streaming solutions have been deployed globally. In the last 6 years we have built a powerful platform based on proprietary CDN technology with advance unique features that give you full streaming control.

### STUDER PROFESSIONAL AUDIO GMBH

Riedthofstrasse 214  
CH-8105 Regensdorf, Switzerland  
Phone: +41 44 870 75 11  
E-mail: [studer@harman.com](mailto:studer@harman.com)  
Website: [www.studer.ch](http://www.studer.ch)  
**Products and Services:** Studer design and manufacture audio mixing systems and call management software for Radio, TV, and Production.

### STUDIO TECHNOLOGY

529 Rosedale Rd. #103  
Kennett Square, PA 19348  
Vince Fiola, President  
Phone: 610-925-2785  
E-mail: [vfiola@studiotechology.com](mailto:vfiola@studiotechology.com)  
Website: [www.studiotechology.com](http://www.studiotechology.com)  
**Products and Services:** Studio Technology designs, constructs, delivers and installs technical furniture for the broadcast industry nationwide. We provide both custom and standard furniture lines.

### SUPERIOR ELECTRIC

One Cowles Rd.  
Plainville, CT 06062  
Ted Gladis, Broadcast Sales  
Phone: 860-507-2056  
E-mail: [info@superiorelectric.com](mailto:info@superiorelectric.com)  
Website: [www.superiorelectric.com](http://www.superiorelectric.com)

**Products and Services:** Superior Electric has been manufacturing and marketing Power Quality Solutions for Broadcaster since 1938. The quality of our products has established Superior Electric as an industry leader. STABILINE Voltage Regulators, Power Conditioners, Surge Protective Devices and Uninterruptible Power Supplies are obtainable worldwide through and extensive network of Authorized Resellers.

### SYMETRIX INC.

6408 216th St. SW  
Mountlake Terrace, WA 98043  
Brooke Macomber, Director of Marketing  
Phone: 425-778-7728  
E-mail: [sales@symetrix.co](mailto:sales@symetrix.co)  
Website: [www.symetrix.co](http://www.symetrix.co)

### SYSTEMBASE LTD.

Jupes Field House Pettridge Lane, Mere  
Warminster, Wiltshire BA12 6DG  
United Kingdom  
Shima Varsani, Sales & Marketing Director  
Phone: +44 1747 861123  
E-mail: [sales@systembase.com](mailto:sales@systembase.com)  
Website: [www.systembase.com](http://www.systembase.com)  
**Products and Services:** Systembase is a leading supplier of professional Digital Audio Codecs to many international Television and Radio broadcasting companies. Established in 1991, Systembase has gained an excellent reputation for reliability and after sales support worldwide.

### SYSTEMSSTORE

2111 Stonebridge Way  
Clermont, FL 34711  
Phone: 407-656-3719  
E-mail: [sales@systemsstore.com](mailto:sales@systemsstore.com)  
Website: [www.systemsstore.com](http://www.systemsstore.com)  
**Products and Services:** Since 1999 SystemsStore has been a premium supplier of the various Cat5 & Cat6 Connectivity, Punch Blocks, Power Protection, Wire Management Devices, "Problem Solvers", Tools, Test Equipment, and Accessories required to create and maintain a Modern Technical Infrastructure.

### TEAMCAST

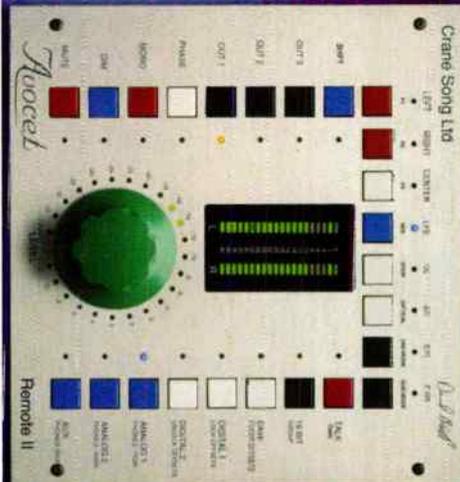
Centre Espace Performance Building T  
SAINT-GREGOIRE, 35769 France  
Phone: +33 223 25 26 80  
E-mail: [info@teamcast.com](mailto:info@teamcast.com)  
Website: [www.teamcast.com](http://www.teamcast.com)  
**Products and Services:** TeamCast is a renowned and highly active member of the Digital Radio & TV ecosystems worldwide, with innovative technology offerings based on a solid expertise in Satellite, Digital Radio, Digital TV and Mobile TV transmission. Digital radio products include DAB/DMB modulators, DVB-T2-Lite modulators, repeaters and gap-fillers, DVB-T2 professional receivers.

DAVE HILL DESIGNS

[www.davehilldesigns.com](http://www.davehilldesigns.com)  
Superior WI USA  
715 398 3627

A digital controlled analog compressor  
Out of this world sonic control  
From vintage fat, to transparent

TITAN



Accurately Control  
your Speaker  
System  
The  
Avocet II  
Monitor Controller  
less than 1ps jitter  
[www.cranesong.com](http://www.cranesong.com)  
Superior WI USA  
715 398 3627

CRANE SONG LTD



# COMPANYCONTACTS

## TELOS SYSTEMS, A TELOS ALLIANCE COMPANY

1241 Superior Ave.  
Cleveland, OH 44114  
Clark Novak, Marketing Manager  
Phone: 216-241-7225  
E-mail: [Clark.Novak@TelosAlliance.com](mailto:Clark.Novak@TelosAlliance.com)  
Website: [www.Telos-Systems.com](http://www.Telos-Systems.com)

**Products and Services:** Telos Systems is a Telos Alliance company. Headquartered in Cleveland, Ohio with offices in Europe, Telos is a leading manufacturer of audio codecs for ISDN and IP connections, and POTS and VoIP telephone interface products for talk-shows, teleconferencing, audio production, remote broadcasts, and intercom applications.

## TFT INC.

105 Bonaventura Dr., PO Box 641104  
San Jose, CA 95131-1708  
Darryl Parker, VP  
Phone: 408-943-9323  
E-mail: [info@tftinc.com](mailto:info@tftinc.com)  
Website: [www.tftinc.com](http://www.tftinc.com)

**Products and Services:** TFT Inc. has been manufacturing professional broadcast equipment for more than 40 years for AM, FM and TV monitoring, STL link equipment, and EAS products.

## THERMO BOND BUILDINGS LLC

109 East Pleasant St., PO Box 445  
Elk Point, SD 57025  
Jonathan Jansen, Sales and Marketing  
Phone: 800-356-2686  
E-mail: [jon@thermobond.com](mailto:jon@thermobond.com)  
Website: [www.thermobond.com](http://www.thermobond.com)

**Products and Services:** Thermo Bond Buildings prefabricated transmitter buildings

## TIELINE USA

7202 East 87th St., Suite #116  
Indianapolis, IN 46256  
John Lackness, VP Sales, Americas  
Phone: 317-845-8000  
E-mail: [sales@tieline.com](mailto:sales@tieline.com)  
Website: [www.tieline.com](http://www.tieline.com)

**Products and Services:** Digital IP audio codecs for remotes, STLs and multi-point audio distribution. Deliver broadcast quality 22 kHz FM audio over 3G/4G cellular networks, wired IP, Wi-Fi, Wi-Max, POTS, ISDN, GSM, satellite and X.21/V.35. Codecs include the Genie and Merlin families, Bridge-IT, Bridge-IT XTRA and Report-IT apps, plus the G3 codec range.

## TITUS TECHNOLOGICAL LABORATORIES

77 Kreiger Ln  
Glastonbury, CT 06033  
Lawrence Titus, Owner  
Phone: 800-806-8851  
E-mail: [sales2@tituslabs.com](mailto:sales2@tituslabs.com)  
Website: [www.tituslabs.com](http://www.tituslabs.com)

**Products and Services:** Manufacturer of Analog and Digital switching equipment, Warning light fixtures, and custom electronic equipment for radio, television, and network stations/facilities

## TORPEY TIME

580 Danforth Rd  
Toronto, ON M1K 1E3 Canada  
Website: [www.torpeytime.com](http://www.torpeytime.com)

## TRANSCOM CORP.

2655 Philmont Ave., Suite 200  
Huntingdon Valley, PA 19006  
Martin Cooper, President  
Phone: 215-938-7304  
E-mail: [transcom@fmamtv.com](mailto:transcom@fmamtv.com)  
Website: [www.fmamtv.com](http://www.fmamtv.com)

**Products and Services:** Transcom has been providing used transmitters to the Radio and TV broadcast industry since 1978. In addition, we offer new antenna, cable, STL/MW and other RF equipment.

## TRANSRADIO SENDERSYSTEME BERLIN AG

Mertensstrasse 63  
Berlin, Berlin 13587 Germany  
Jochen Huber, consultant  
Phone: +49 30 33978501  
E-mail: [info@tsb-ag.de](mailto:info@tsb-ag.de)  
Website: [www.transradio.de](http://www.transradio.de)

**Products and Services:** TRANSRADIO, the market leading company for state of the art high power DRM solutions offers complete digital transmission systems in the frequency range below 30 MHz, FM transmitters, antennas, tuning units and turn key radio and data broadcasting systems. TRANSRADIO has the most DRM systems in operation worldwide.

## TRYPHON

25A Rue des Iles  
La Motte, - 83920 France  
Florent Peyraud, Sales engineer  
Phone: +33 950538330  
E-mail: [contact@tryphon.eu](mailto:contact@tryphon.eu)  
Website: [www.tryphon.eu](http://www.tryphon.eu)

**Products and Services:** We design appliances for radios. We provide radio with support for their needs of computer networking and online transition through consulting and trainings. We produce prototypes, small and medium series of custom or catalog derivatives. We are also promoting and providing appliances for Rivendell Automation System in France and Europe.

## U

## UNATTENDEDWEATHER.COM

307 Brown St.  
Waxahachie, TX 75165  
Dave Scott, CEO  
Phone: 866-500-0500  
E-mail: [dave@scott.fm](mailto:dave@scott.fm)  
Website: [www.unattendedweather.com](http://www.unattendedweather.com)  
**Products and Services:** Automated 24/7 weather service that does not sound automated. Keeps your audio weather up to the minute at all times. Also notifies you in case of severe weather warnings by text, email or phone call, and your audience on your station. Several voices from which to choose. Affordable.

## UNCOMPRESSEDMUSIC.COM

307 Brown St.  
Waxahachie, TX 75165  
Dave Scott, CEO  
Phone: 866-500-0500  
E-mail: [dave@uncompressedmusic.com](mailto:dave@uncompressedmusic.com)  
Website: [www.uncompressedmusic.com](http://www.uncompressedmusic.com)



## Emergency Alerting

Questions?  
Call us:  
914-872-4069

**SAGE**

LPFM?   
Canadian CAP-CP?   
Still the best at CAP/EAS?

The FCC CAP rules took effect in 2012, and more radio stations chose the Sage Digital ENDEC 3644 than any other for CAP compliance. Building a new station? Ready to upgrade? LPFM? We have what you need.

Canada's new rules mandating its CAP based National Public Alerting System take effect in 2015. The Sage ENDEC supports CAP-CP with English and French Canadian text to speech, and is the top selling unit for Canadian broadcasters.

Sage Alerting Systems, Inc  
800 Westchester Avenue, Suite 641N, Rye Brook, NY 10573  
Phone 914 872 4069 [info@sagealertingsystems.com](mailto:info@sagealertingsystems.com)  
[www.sagealertingsystems.com](http://www.sagealertingsystems.com)

**Products and Services:** Music libraries for radio stations in uncompressed WAVE files with true CD quality. Includes cart label info (metadata) that imports automatically into your automation (specify brand). Virtually every format including classical, easy listening, all varieties and eras of pop, oldies, urban, country, Christian, etc.

## V

### V-SOFT COMMUNICATIONS

401 Main St., Suite 213  
Cedar Falls, IA 50613  
Doug Vernier, President  
Phone: 319-266-8402  
E-mail: [info@v-soft.com](mailto:info@v-soft.com)  
Website: [www.v-soft.com](http://www.v-soft.com)

### VIDIGO

De Ruyterkade 112  
Amsterdam, NH 1011 AB Netherlands  
Reinout Lempers, COO  
Phone: +31 20 62 00 811  
E-mail: [sales@vidigo.tv](mailto:sales@vidigo.tv)  
Website: [www.vidigo.tv](http://www.vidigo.tv)

**Products and Services:** For almost a decade VidiGo has been the visionary leader in the broadcast industry, with the first full software based AV-workflow running on standard IT hardware. VidiGo workflows focus on automation, flexibility and open architecture to make broadcasting easier, faster and cost effective.

## W

### WHEATSTONE CORP.

600 Industrial Dr.  
New Bern, NC 28562  
Jay Tyler, Director of Sales  
Phone: 252-638-7000  
E-mail: [jay@wheatstone.com](mailto:jay@wheatstone.com)  
Website: [www.wheatstone.com](http://www.wheatstone.com)

**Products and Services:** Located in New Bern NC, USA, Wheatstone Corporation designs and manufactures professional broadcast audio equipment under the Wheatstone and Audioarts Engineering brand names. Products include digital and analog audio consoles, networked digital audio systems, audio-over-IP, signal processing, and software.

### WHIRLWIND USA

99 Ling Rd.  
Greece, NY 14612  
Phone: 800-733-9473  
E-mail: [techsupport@whirlwindusa.com](mailto:techsupport@whirlwindusa.com)  
Website: [www.whirlwindusa.com](http://www.whirlwindusa.com)  
**Products and Services:** Custom wiring panels, snakes, direct boxes and other products for live sound or installation

### WHISPERROOM INC.

109 S. Northshore Dr., Suite 303  
Knoxville, TN 37919  
Debbie Sweany, Sales Manager  
Phone: 423-558-5364  
E-mail: [info@whisperroom.com](mailto:info@whisperroom.com)  
Website: [www.whisperroom.com](http://www.whisperroom.com)  
**Products and Services:** Portable/Modular Sound Isolation Booths. We have 20 sizes and two levels of sound isolation available, a Standard (Single-Wall) and an Enhanced (Double-Wall). Sizes range from a modest 3.5'x 2.5' one person unit to a room-size 8.5'x 15.5' unit. A wide-range of application-specific optional features are also available.

### WIDEORBIT

1160 Battery St., Suite 300  
San Francisco, CA 94111  
Mike Zinsmeister, VP of Sales  
Phone: 415-675-6700  
E-mail: [mzinsmeister@wideorbit.com](mailto:mzinsmeister@wideorbit.com)  
Website: [www.wideorbit.com](http://www.wideorbit.com)

**Products and Services:** WideOrbit is the leading provider of advertising management software for Media companies. WideOrbit provides innovative, fully integrated solutions across traffic, automation, sales, CRM, program management, billing and mobile. More than 1,000 radio stations worldwide use WideOrbit Traffic software and more than 3,200 radio stations operate on WideOrbit's radio automation platforms.

### WINMEDIA CANADA

63, Sauriol, Laval  
Québec H7N 3B2 Canada  
François Beaumier, C.E.O.  
Phone: 514-984-4912  
E-mail: [contact@winmedia.ca](mailto:contact@winmedia.ca)  
Website: [www.winmedia.ca](http://www.winmedia.ca)  
**Products and Services:** WinMedia is a software company that builds a complete software suite including production, scheduling, traffic, playout, logger. WinMedia sells into 65 countries with 24 languages. More Than 250 TV channels and 2,500 radio stations run Winmedia 24/7 with a worldwide support.

### WORLDCAST SYSTEMS

19595 NE 10th Ave., Suite A  
Miami, FL 33179  
Tony Peterle, US Manager  
Phone: 305-249-3110  
E-mail: [ussales@worldcastsystems.com](mailto:ussales@worldcastsystems.com)  
Website: [www.worldcastsystems.com](http://www.worldcastsystems.com)  
**Products and Services:** WorldCast Systems is a highly respected provider of professional, reliable and innovative broadcast systems to the Radio and Television markets worldwide. Encompassing the industry-leading brands of APT, Ecreso & Audemat, WorldCast Systems offers a wide range of products for content delivery, transmission and monitoring.

### WORLDDMB

55 New Oxford St.  
London, WC1A 1BS  
Bernie O'Neill, Project Director  
E-mail: [projectoffice@worldddb.org](mailto:projectoffice@worldddb.org)  
Website: [www.worldddb.org](http://www.worldddb.org)  
**Products and Services:** WorldDMB is the global forum for digital radio, facilitating the adoption and implementation of digital broadcast radio based on DAB, DAB+ and DMB. WorldDMB's membership is made up of senior executives and technical professionals from across the digital broadcasting industry involved in the rollout of digital radio including public and commercial broadcasters, network providers, receiver, chip and car manufacturers.

### WOWZA MEDIA SYSTEMS

31207 Keats Way, Suite 102  
Evergreen, CO 80439  
Phone: 888-778-7997  
E-mail: [sales@wowza.com](mailto:sales@wowza.com)  
Website: [www.wowza.com](http://www.wowza.com)  
**Products and Services:** Over 600 radio stations around the world rely on Wowza to broadcast their audio 24/7 to any connected device. Wowza Media Server is customizable, scalable, and secure software powering reliable streaming of the highest quality audio and video content to any device and any size audience.

## Y

### YELLOWTEC USA

1551 Vaquero Glen  
Escondido, CA 92026  
Michael Uhl, Director of Sales,  
US & Latin America  
Phone: 760-294-7314  
E-mail: [mike@yellowtecusa.com](mailto:mike@yellowtecusa.com)  
Website: [www.yellowtec.com](http://www.yellowtec.com)  
**Products and Services:** Yellowtec makes the best mic and monitor arms for broadcast, as well as a complete line of USB interfaces, warning lights and the best flash mic on the market.



**RF Specialties<sup>®</sup>**  
**Group**  
[www.rfspecialties.com](http://www.rfspecialties.com)



**DYNAMAX MX SERIES**

- 6 to 18 channel configurations
- 24 or 36 inch wide frames
- 2" or 3" wide module options
- 4 Output Buss (two Stereo and two Mono)
- Metering for all 4 Outputs
- 2 - 4X1 auxiliary inputs standard
- Mic preamp on first two channels

**MODEL 340** (ON AIR)

**MODEL 343** (ON ON AIR)

**MX12E**

**MX12LW**

215-547-2570  
[www.sandiesusa.com](http://www.sandiesusa.com)  
SANDIES

# GALLERY

**CircuitWerkes Web Power!**




**SiteSentry2 & 4 - Transmitter Controllers**  
 With 2 or 4 meter inputs, 2 status inputs, stereo audio sensor & onboard temperature sensor, you can monitor your site from any Web browser, anywhere! Six relays ( 2 DPDT & 4 SPST) give ample control for many stations. Low & high alarm handling with multi-step actions. Logging & e-mailing of logs/alarms included. Streaming audio option available.




**Sicon-8 - Web & Dial-up Remote Control**  
 The Sicon-8 lets you control your site via Internet with its internal Web server, via telephone, auto-answering cell phone or our free software. Setup is a breeze using the Siconcontroller software that also includes scripting, e-mail alerts, multi-site management, virtual metering & more!




**WAM-2 - Low Cost Audio Monitor w/Web**  
 Monitor your audio from any Web browser. When silence is detected, it can perform user-programmed, automated, sequences of relay actions & can also respond to user control via the network or via external status inputs. E-mailing of logs/alarms included. Streaming audio option available.

**Get info on these & other great remote control products at [www.circuitwerkes.com](http://www.circuitwerkes.com)**



**Our 14th Year**  
 Our client list continues to grow. Thank you for your confidence and equipment purchases.

**We Re-Condition**  
 Pacific Recorders BMX I-II-III, AMX, ABX and RMX, Stereo-Mixer and Mixer News-Mixer products.

**We Have**  
 Replacement Wind Screens and Blast Filters for the SM-5B microphone.

**We Repair & Re-Crystal**  
 STL Transmitters, STL Receivers, and RPU equipment.

See the "News-Update" page at our website.

**Tel: 800-300-0733 Fax: 231-924-7812**  
**WWW.MOORETRONIX.COM**  
 E-Mail us at: [rrmoorej@aol.com](mailto:rrmoorej@aol.com)

**PHASETEK, INC.**

PHASETEK'S manufacturing facility and components expertise are available to design and fabricate any type of inductor or special R.F. component.

Our experienced staff of engineers and production personnel are dedicated to provide the broadcast industry the highest quality custom designed phasing equipment.

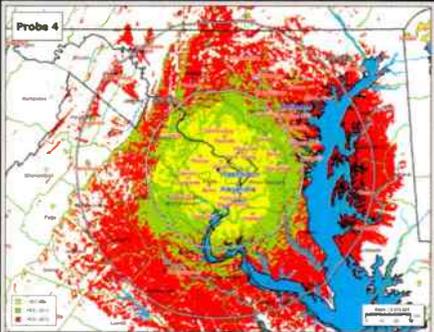


**CUSTOM PHASOR INSTALLATION**

**RADIO STATION WXYT, DETROIT, MICHIGAN  
 9 TOWER, 50 KW DA-2 PHASOR SYSTEM**

**PHASETEK, INC.**  
 550 CALIFORNIA RD, UNIT 11  
 QUAKERTOWN PA 18951  
 PHONE: 215-536-6648 FAX: 215-536-7180  
 TOLL-FREE: 800-742-7383

**Engineering Software**



- Create "real-world" coverage maps, interference studies, and population reports with Probe 4™
- Find STL broadcast auxiliary and Part 101 microwave frequencies and generate PCN letters with Microwave Pro™
- AM Pro 2™, used daily by FCC engineers, performs skywave and groundwave allocation studies and AM coverage mapping.
- Map FM stations and discover upgrade possibilities using FCC minimum separations and contour-to-contour methods with FMCommander™

**The Leader In Broadcast Engineering Software!**

**VSoft COMMUNICATIONS®**  
 R.F. Communications Software and Engineering Consulting

**www.V-Soft.com (800) 743-3684**

**BESCO INTERNACIONAL** World Leader in **AM-FM Transmitters**

Complete Inventory at:  
**www.Besco-Int.com**  
 Pre-Owned AM-FM units in stock!

Now carrying new rack mount Amps and FM transmitters from 30 watts to 14Kw of solid state power for FM Analog and HD IBOC carriers.

New and used FM antenna with coax and connectors tuned to needed frequency.

**Rob Malany - President**  
 Sales: (321) 960-4001  
 Email: [Sales@Besco-Int.com](mailto:Sales@Besco-Int.com)



**ON-AIR LIGHTS**

- ON-AIR
- RECORDING
- APPLAUSE



Made in the USA from polished aluminum and sign-grade Lexan for the ultimate professional look.

[www.cbt-net.com/onair](http://www.cbt-net.com/onair)  
[info@cbt-net.com](mailto:info@cbt-net.com)  
 858-536-2927



Fine Used AM & FM Transmitters  
 Authorized Representatives for all major equipment manufacturers

**Used FM Transmitters**

100 W	2008	BE FM100C
500 W	2000	BE FM 500C
3.5 KW	2000	Harris Z3.5CD, solid-state
5 KW	1995	Harris HT5CD
5 KW	1999	Harris Z5CD, solid-state
5 KW	2006	Harris Z5, solid-state, unused
7.5 KW	2002	Harris Z7.5CD, solid-state, S PH
20 KW	1989	BE FM20B
25 KW	1996	Harris HT25CD
27.5 KW	1994	Continental 816R-4B, SS IPA
30 KW	1988	Harris FM30K
35 KW	1991	BE FM35B

**Used AM Transmitters**  
 Please call or email for current listing



**Exciters**  
 Please see our current listings on our website

**New TV Transmitters**  
 Visit our website for the latest sales  
 Special Discount Pricing On:  
 VHF and UHF Transmitters and  
 Antennas (100w to 10 kW)  
 TV STL

**Used Misc. Equipment**  
 BE FC30, SCA Generator  
 Bird Model 8936, 10 kW air-cooled RF Load  
 Harris N + 1 Controller  
 Harris THE-1, FM exciter  
 Marti ME 40, FM exciter  
 MCI 4 Port 1-5/8" Coaxial Switch  
 Sola Constant Voltage Transformer  
 #23-23-230-8

Please visit our website, [www.fmamtv.com](http://www.fmamtv.com) for additional listings or  
**CALL US FOR A QUOTE!**  
 2655 Philmont Ave. Suite 200, Huntingdon Valley, PA 19006  
 800-441-8454      215-938-7304      Fax: 215-938-7361

**WE FIX  
 MARTI GEAR**  
*plus a whole lot of other stuff!*



Our techs specialize in Marti Electronics gear, but we service almost all brands of broadcast equipment.

From mic processors and audio amps, to STLs and transmitters -  
**Bohn Broadcast Services** is your repair and service solution!

Give us a call today!  
 1-844-549-2646  
[www.bohnbroadcast.com](http://www.bohnbroadcast.com)

*from* **MILLIWATTS to KILOWATTS**



**Transmitting & Audio Tubes**  
**Semiconductors**

Taylor	<b>Immediate Shipment from Stock</b>	Motorola
Eimac		Toshiba
Amperex		Thompson
MA/Com		Mitsubishi

• Se Habla Español • We Export

760-744-0700 • 800-737-2787  
 Fax: 760-744-1943  
[www.rfparts.com](http://www.rfparts.com)

E-mail: [rft@rfparts.com](mailto:rft@rfparts.com)




**OVER 60 YEARS  
 OF EXPERIENCE**



**Custom Transformers**

**New Units or Repairs**

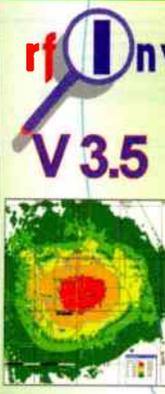
**5 YEAR GUARANTEE**

**FAST DELIVERY • LOW PRICE**

**AC Transformer Corporation**  
 89 Madison St.  
 Newark, NJ 07105  
 Phone: (800) 940-1033  
 Fax: (973) 589-3155  
 Email: [robert@actransformer.com](mailto:robert@actransformer.com)  
[www.actransformer.com](http://www.actransformer.com)

# GALLERY

**rf Investigator**  
**V 3.5** Create & Display  
**AM / FM Contours**



**rfSoftware, Inc.**  
 Innovative engineering tools

**2010 Census Data Available NOW!**

Our all in one program saves  
**time and money**  
 with software that gives  
 you the tools you need to  
**work smarter not harder.**

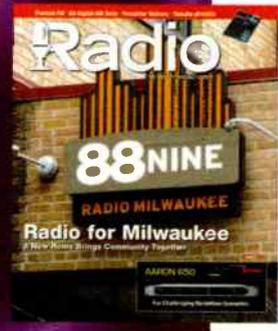
**Call 352-367-1700 for Details!**  
**Visit [rfsoftware.com](http://rfsoftware.com) Today**

# CLASSIFIEDS

**GET YOUR OWN COPY!**

Each month the *Radio Technology Leader* brings you the latest must-read information about radio broadcasting:

- FCC Update
- Managing Technology
- Trends in Technology
- Facility Showcase
- Field Reports
- New Products
- RF Engineering



To start your own FREE subscription go to  
[www.myradiomag.com](http://www.myradiomag.com)  
 and complete the online form TODAY!

**Attention: Broadcast Engineers.**  
 Is a damaged transformer  
 endangering your transmitter?



With 65 plus years of experience, SNC Manufacturing Co. has worked with multiple transmitter companies and can repair or replace a transformer quickly and economically.

Contact "The Transformer Specialists" at SNC today.

**SNC**  
 MANUFACTURING CO., INC.

[www.sncmfg.com](http://www.sncmfg.com)  
 800-558-3325

**AM Ground Systems Co.**



Complete AM Ground System Construction,  
 Evaluation and Repair Services

[www.amgroundsystems.com](http://www.amgroundsystems.com)  
 866-22RADIO

**Acoustics First**

**-SOUND AND NOISE CONTROL MATERIALS-**

Toll-Free Number: **888-765-2900**

[www.AcousticsFirst.com](http://www.AcousticsFirst.com)

ADVERTISER	PAGE	PHONE	WEBSITE	ADVERTISER	PAGE	PHONE	WEBSITE
AC Transformer Corporation	41	800-940-1033	<a href="http://www.actransformer.com">www.actransformer.com</a>	Inovonics	7	800-733-0552	<a href="http://www.inovon.com">www.inovon.com</a>
Acoustics First	15	888-765-2900	<a href="http://www.acousticsfirst.com">www.acousticsfirst.com</a>	Mager Concepts	28	602-791-0045	<a href="http://www.magerconcepts.com">www.magerconcepts.com</a>
Arrakis Systems	22,23,27,43,44	970-461-0730	<a href="http://www.arrakis-systems.com">www.arrakis-systems.com</a>	Mooretronix	40	800-300-0733	<a href="http://www.mooretronix.com">www.mooretronix.com</a>
BDI	29	914-737-5032	<a href="http://www.broadcast-devices.com">www.broadcast-devices.com</a>	Phasetek	40	215-536-6648	<a href="http://www.phasetekinc.com">www.phasetekinc.com</a>
Belar Electronics Laboratory	35	610-687-5550	<a href="http://www.belar.com">www.belar.com</a>	RF Parts	41	800-737-2787	<a href="http://www.rfparts.com">www.rfparts.com</a>
Besca Internacional	40	321-960-4001	<a href="http://www.besca-int.com">www.besca-int.com</a>	RF Software	42	352-367-1700	<a href="http://www.rfsoftware.com">www.rfsoftware.com</a>
Bohn	41	844-549-2646	<a href="http://www.bohnbroadcast.com">www.bohnbroadcast.com</a>	RF Specialties Group	4,15,26,32,39		<a href="http://www.rfspecialties.com">www.rfspecialties.com</a>
Broadcast Software Int'l	33	888-BSI-USA-1	<a href="http://www.bsusa.com">www.bsusa.com</a>	Sabre Industries	20	800-369-6699	<a href="http://www.sabre.com">www.sabre.com</a>
Broadcasters General Store	9, 31	352-622-7700	<a href="http://www.bgs.cc">www.bgs.cc</a>	Sage Alerting Systems	38	914-872-4069	<a href="http://www.sagealertingsystems.com">www.sagealertingsystems.com</a>
Burk	12	800-255-8090	<a href="http://www.cjrk.com">www.cjrk.com</a>	Sandies	39	215-547-2570	<a href="http://www.sandiesusa.com">www.sandiesusa.com</a>
CBT Systems	41	858-536-2927	<a href="http://www.cbtsystems.tv">www.cbtsystems.tv</a>	Sne Systems	15	615-228-3500	<a href="http://www.sinesystems.com">www.sinesystems.com</a>
CircuitWerkes	40	352-335-6555	<a href="http://www.circuitwerkes.com">www.circuitwerkes.com</a>	Smarts Broadcast	25	800-747-6278	<a href="http://www.smartsbroadcast.com">www.smartsbroadcast.com</a>
Coaxial Dynamics	21	440-243-1100	<a href="http://www.coaxial.com">www.coaxial.com</a>	Thermobond Buildings	36	800-356-2686	<a href="http://www.thermobond.com">www.thermobond.com</a>
Comrex	5	800-237-1776	<a href="http://www.comrex.com">www.comrex.com</a>	Tieline	2	317-845-8000	<a href="http://www.tieline.com">www.tieline.com</a>
Crane Song	37	715-398-3627	<a href="http://www.cranesong.com">www.cranesong.com</a>	Transcom Corporation	41	800-441-8454	<a href="http://www.fmamtv.com">www.fmamtv.com</a>
Digital Alert Systems	30	565-765-1155	<a href="http://www.digitalalertsyste.ms.com">www.digitalalertsyste.ms.com</a>	V-Soft Communications	40	800-743-3684	<a href="http://www.v-soft.com">www.v-soft.com</a>
Digital Jukebox	34	702-487-3336	<a href="http://www.digitaljukebox.com">www.digitaljukebox.com</a>	VeeTronix	21	800-445-0007	<a href="http://www.veetronix.com">www.veetronix.com</a>
Enco	1	800-ENCO-SYS	<a href="http://www.enco.com">www.enco.com</a>	Whirlwind	17	800-733-9473	<a href="http://www.whirlwindusa.com">www.whirlwindusa.com</a>
ESE	19	310-322-2136	<a href="http://www.ese-web.com">www.ese-web.com</a>				
Eventide	11	201-641-1200	<a href="http://www.eventide.com">www.eventide.com</a>				
Gates Air	13	513-459-3400	<a href="http://www.gatesair.com">http://www.gatesair.com</a>				
Henry Engineering	26	626-355-3656	<a href="http://www.henryeng.com">www.henryeng.com</a>				

This advertiser index is a service to readers. Every effort is made to ensure accuracy, but Radio magazine cannot assume responsibility for errors or omissions.

Radio Automation...

ARRAKIS SYSTEMS INC.

## 'NEW~WAVE'+ 'DAC'

ON AIR RADIO SOFTWARE FOR LIVE  
ON AIR & HARD DISK AUTOMATION ...  
PROFESSIONAL USB SOUND CARD  
WITH BALANCED ANALOG AND DIGITAL  
OUTPUTS ... ONE WEEK SCHEDULER ...  
EDITOR/RECORDER SOFTWARE FOR PRO-  
DUCTION ... VOICE TRACKER ... MUSIC  
SCHEDULER ... JUST ADD A WINDOWS PC AND STIR.



A perfect Live On Air & Automation solution for a single PC  
broadcast or Internet Radio station...

only **\$1,100** bundle price\*

This NEW~WAVE software plus DHD-DAC hardware bundle combines the strengths of NEW~WAVE software with the professional features of the DHD-DAC USB player hardware. The software is perfect for live or automated on air radio or internet radio, while the hardware provides the high performance USB play sound card with professional balanced analog and SPDIF digital outputs that the PC lacks. And because it is an external box that connects to the PC by USB cable, there are no clumsy sound cards or drivers to install inside the PC. The internal PC sound card is used for appropriate background tasks such as Cueing and recording voice tracks. This remarkable combination of software and hardware, combined with a new PC, creates a powerful, professional digital audio workstation for today's diverse radio applications.

The NEW~WAVE software part of the bundle is designed specifically for playing audio files from hard disk, internet streams, FTP stored audio files, MP3 players, smart phones and much more. NEW~WAVE brings together all of the newest technologies to produce an exciting show for your radio audience. Play live broadcasts, automated broadcasts, podcasts, and stream for internet radio... all at the same time. Most important, NEW~WAVE is quick to learn and easy to use. Designed for both novice and professional alike, it has the simplicity required to get to air quickly and yet the sophisticated features for advanced users.

New~wave software only **\$750**

\*save \$150 from the individual product pricing

[www.arrakis-systems.com](http://www.arrakis-systems.com)

870.461.0730

World Radio History

