

THE JOURNAL OF DIGITAL TELEVISION®

DTV Buyers Guide

Web & Reference

Including:
More than 3,000 Product & Contact Listings
1,000 DTV/HDTV Ready Products
700 Manufacturers/Dealers

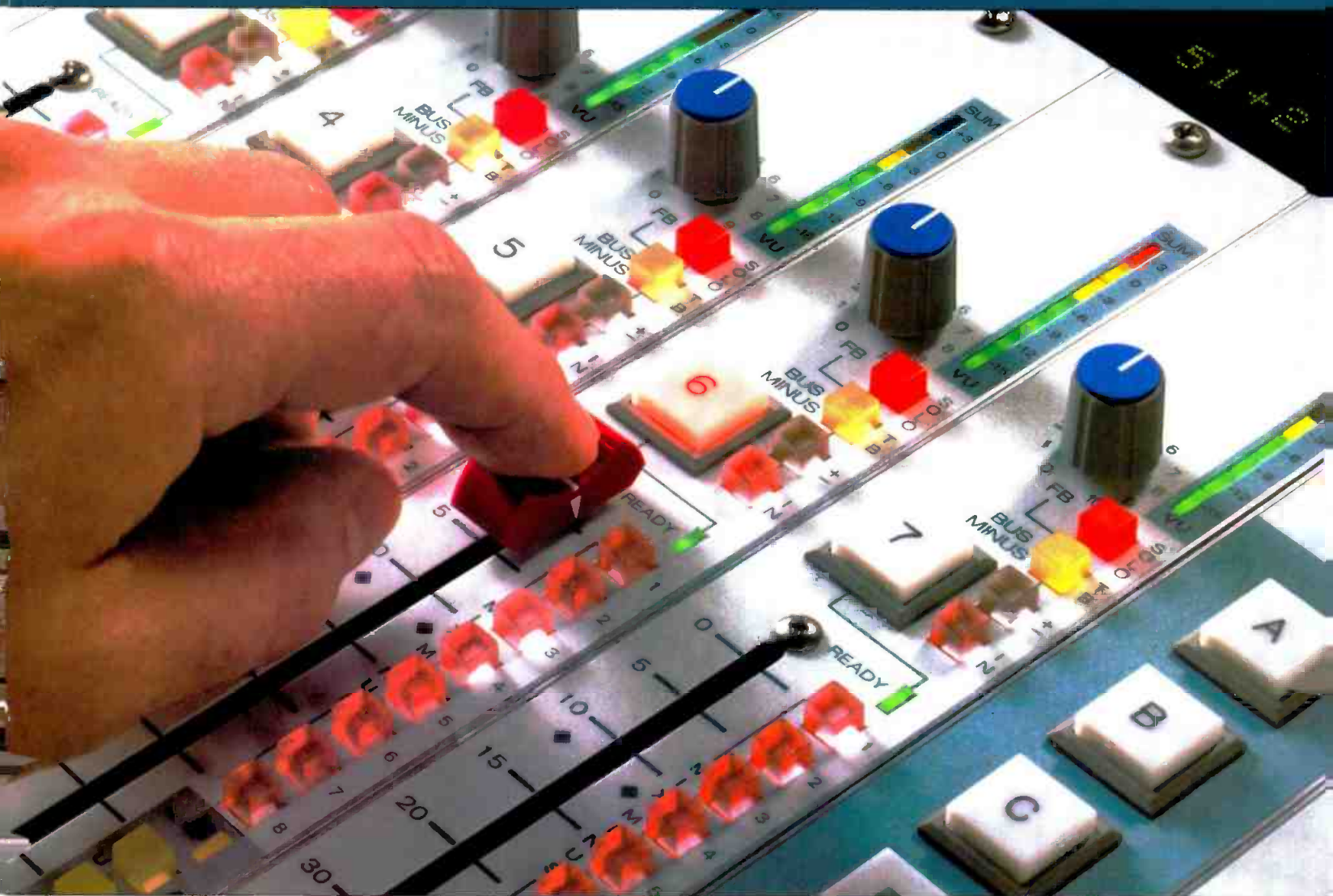


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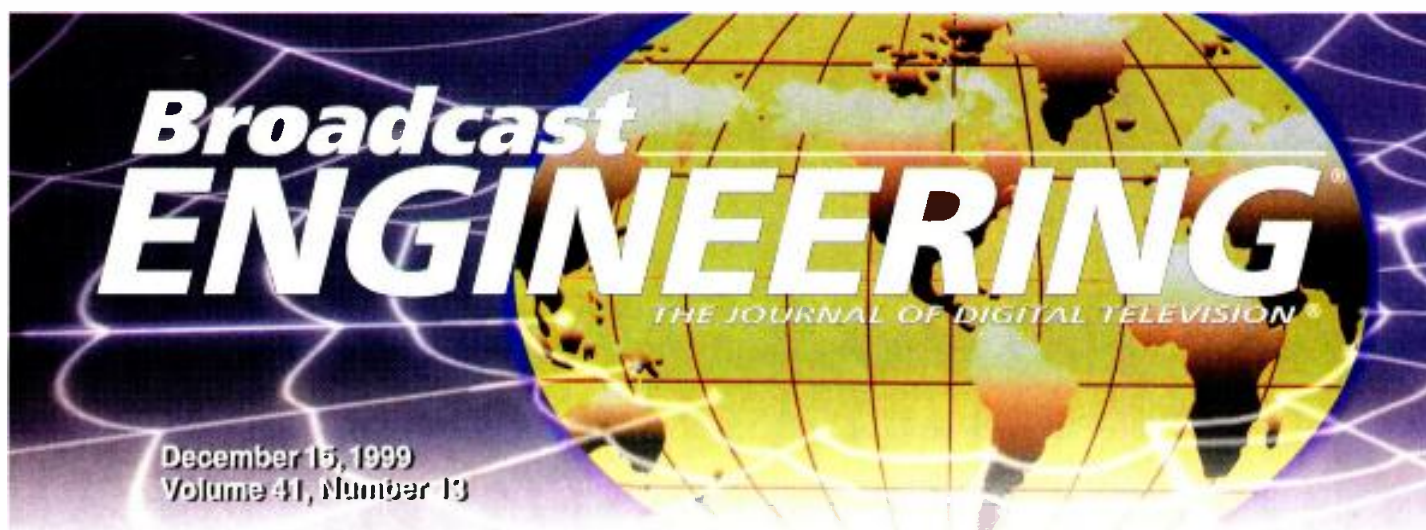
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HARRIS



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Building that new TV station or edit suite? Need to plan for a new DTV transmitter. How about servers or cameras? The solution to these and other questions about buying new equipment is in your hands. The *Broadcast Engineering* 2000 DTV Buyers Guide and Web Reference reflects the tremendous changes brought on by digital technology and today's global communications. Included here, along with 1500 products, are the e-mail and Web addresses for nearly 700 companies, dealers and systems integrators in the broadcast and professional video industries.

As stations and production houses struggle to keep up with digital technology, it becomes even more important to find the best solution to your individual needs. You need to know what products are available and who makes them. That's what the *BE* Buyers Guide provides. Complementing this printed version is an online version that includes more than 2500 products. Many of the Internet addresses found here in the printed version are active in the online version, allowing you to contact companies with a single mouse click. Traditional contacts are also available through the use of the Free Info Card (p. 101). Of course the Free Info Card is also available online through www.broadcastengineering.com.

In other guides, companies are simply listed under headings, or products are presented in no particular order. In the *BE* Buyers Guide, a great deal of effort has gone into cataloging today's products in categories that reflect your needs. These current products represent some of the most important broadcast and professional audio, video and RF products offered. These products can aid your the transition to DTV, as DTV/HDTV-ready products are highlighted by an asterisk. Armed with product names, the manufacturers and their contact info, the printed and online versions of *Broadcast Engineering's* 2000 DTV Buyers Guide and Web Reference should make it much easier to find all the products needed to assemble your new DTV facility.

While we can't help you wire those new racks, or install the transmitter, we can make the purchase of new equipment easier. So, welcome to the 2000 *Broadcast Engineering* Buyers Guide, your product and company resource — in print — and online.

Steve Epstein, Buyers Guide editor

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Charlex Inc.

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KNTV Inc.

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Fuji Television Network Inc.

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- ✓ Modular 4RU frame
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- ✓ MUX/DEMUXs
- ✓ Frame Synchronizers

www.miranda.com

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Tel. 514.333.1772
Fax. 514.333.9828
St-Laurent, (Qc)
Canada

Miranda

Miranda Technologies inc.

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EMAIL: info@tiernan.com

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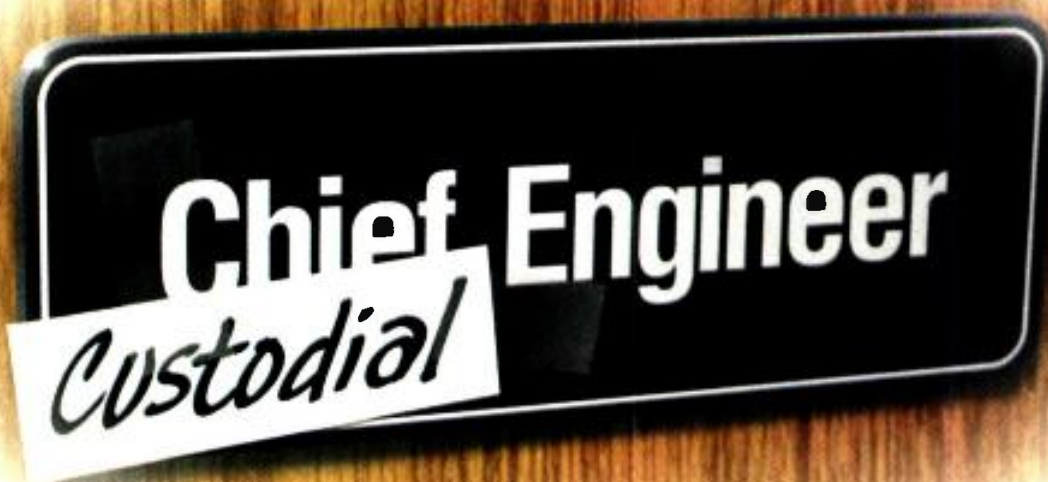
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$$\text{Min. bandwidth for HDTV} = \frac{D_R}{2} (x 3) = \frac{1.485}{2} = 742.5 \text{ MHz } (x 3) = 2.228 \text{ GHz}$$

3rd Harmonic = 2.228 GHz

D_R = data rate

Do the math: the equation for figuring out the bandwidth you'll need to broadcast HDTV. No matter how you figure it, it adds up to ADC Superjacks.



ADC Telecommunications

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Product Directory

Audio Accessories

Includes: Acoustic materials; Audio accessories; Audio codecs; Audio meters; Audio monitor amplifiers; Audio patch panels; Headphones; Sound/music/image libraries; Speakers; Surround sound accessories

615 Music Library

888-615-TRAX; 615-244-6515
65 CD music library

Ac-cetera Inc

800-537-3491; 412-344-8609
* RX-1 No-creak wired gooseneck

Acoustical Solutions

800-782-5742; 804-346-8350
* Sound/Noise Control Products

ADC Telecommunications Inc

800-366-3891; 612-938-8080
PPA3-14MKIVNO Pro patch audio panel, longframe, normals out
Circle (518) on Free Info Card
DAB3-14NKIVNS Digital audio panel, ban-tam, normals strapped
Circle (543) on Free Info Card

AEQ SA

+34 91 686 13000
ACD-5001, MPAC-02 Audio codecs

AKG Acoustics US

615-360-0499
* HSC200 Headphone/microphone

Audio Accessories Inc

603-446-3335
Line of patch panels

Audio Follow

+33 1 46 07 26 26
DDO-NT range

Auratone Corp

619-297-2820
* 5C audio reference monitor speakers

Avocet Instruments Inc

800-443-0728; 503-671-9424
AV-2000 audio delay canceller

Beck Associates Inc

888-422-8600; 512-252-7555
AESIO

Benchmark Media Systems

800-262-4675; 315-437-6300
* SPM 220/320 VU meter systems

Bittree Inc

800-500-8142; 818-500-8142
* Patch panels

Broadcast Richmond

765-966-6468
Prewired console and mixer harness

Creative Support Services

800-468-6874; 323-666-7968
* 195 CDs of production music & s/fx

Datatek Corp

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D2627 AES/EBU synchronizer

Dialog4 Systems Engineering GmbH

+49 7141 22660
* MusicTaxi VP Pro with ISDN interface

DK-Audio

+45 4485 0255
MSD600M master stereo display

Dolby Laboratories Inc

800-33-DOLBY; 415-558-0200
* DP572 Dolby E decoder
* DP571 Dolby E encoder
* DP569 Multichannel Dolby digital encoder
* DP567 Two channel Dolby digital encoder
* DP562 Multichannel Dolby digital decoder

Dorrough Electronics

818-998-2824
* Dorrough Loudness Meter

Edcor Electronics

800-854-0259; 505-887-6790
* S2M stereo and mono converter

Gene Michael Productions

800-955-0619; 616-695-4000
Music Libraries

Hafler Professional

888-HAFLER1
P1000 Trans-Ana compact amplifier

Harrison by GLW

615-370-9001
SMS surround monitoring system

Henry Engineering

626-355-3656
* Twin Match
* Matchbox II level & impedance converter

Horita Co Inc

949-489-0240
AM-50 on screen stereo audio VU meter
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International Cellulose

800-444-1252; 713-433-6701
SonaSpray acoustical insulation

JBL Professional

800-852-5776; 818-894-8850
* LSR 28P bi-amplified monitor

Loud Neighbors Music

888-400-2149
Themespaces

Manhattan Production Music

800-227-1954; 212-333-5766
* MPM production music library

Martinsound

800-582-3555; 626-281-3555
* MultiMax multichannel monitor controller

Megatrax Production Music

888-MEGA-555; 818-503-5240
* Promo Collection music library

Miller & Kreisel Professional

310-204-2854
* THX-PM3 certified speakers

Music 2 Hues

888-821-7515
Royalty-free production music library

MUSICAM USA

732-739-5600
* Prima LT digital audio codec

OGM Production Music

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Production music libraries

OMNIMUSIC

800-828-6664; 516-883-0121
Omnimusic, Omnisports, CDM 150+ CDs

Otari Corp

800-877-0577; 818-598-1200
PixMix

Pipo Communications

323-466-5444
AE-2 DTMF encoder
Circle (564) on Free Info Card
AE-1 DTMF encoder
Circle (563) on Free Info Card
PK-2K DTMF encoder
Circle (562) on Free Info Card
PK-1K DTMF encoder
Circle (561) on Free Info Card

Prime Image Inc

408-867-6519
Twister

Production Garden Music

800-247-5317; 210-641-6677
* Up to 100 CD music library

River City Sound Productions

800-755-8729; 901-274-7277
* Buy-out production music libraries

Sascom Marketing Group

905-469-8080
ADGIL Director surround monitor matrix

SD Tech/Div. GVC

1-800-482-0075; 215-536-1900
SD-28/48 omni hallway corner speakers

Sennheiser Electronic Corp

860-434-9190
* RS-6 headphones
* HDR-8 headphones

Signal Transport

510-528-6039
PP-96-1, 48-1, 48-TT 1/4" patch bays

Sonic Desktop Software

800-454-1900; 818-718-9992
* Smartsound soundtrack creation software

Sony Electronics

800-686-SONY
AMS-100 audio monitor system

Switchcraft Inc

773-792-2700
Professional audio patchbays
APP, front access, digital APP patch panels

Techflex Inc

800-323-5140; 973-300-9242
* Braided expandable sleeving

Telex Communications

800-392-3497; 612-884-4051
HR-1/HR-2 professional headsets
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Telos Systems/Cutting Edge

216-241-7225
Zephyr digital network transceiver

The Music Bakery

800-229-0313; 615-790-9897
Buy-out audio music library of

TOA Electronics Inc

800-733-7088; 650-588-2538
F series foreground/background speakers

Product Directory

TVFX

888-909-TVFX; 781-449-9296
Full-motion stock CD-ROMs

Ward-Beck Systems Ltd

800-771-2556; 416-335-5999
* IMP series impedance converters
* M445, M405P, MP meter panel series

Westlake Audio

805-499-3686
Lc 6.75 compact close field monitor

WhisperRoom Inc

800-200-8168; 423-585-5827
Sound isolation booths

Wohler Technologies Inc

888-5 WOHLER; 650-589-5676
* ATSC surround sound audio monitors
* Full line of level and phase meters
* In-rack, self-powered amplified speakers

Audio Mixers

Includes: Portable mixers; Studio mixers

AMS Neve PLC

888-888-6383; 212-965-1400
* Libra Post post-production console

Audio Developments Ltd

+44 1543 375 351
AD 261 4 input, 2 output ENG mixer

Audioarts Engineering

252-638-7000
* RD 12/20 digital audio console

Auditronics Inc

252-638-7000
* NuStar

Cooper Sound Systems Inc

805-927-8521
* CS 208 professional audio mixer



Euphonix SYSTEM-5 Digital audio console

Euphonix Inc

818-766-1666
* CS3100B Studio mixer
Circle (225) on Free Info Card
* SYSTEM-5 Digital audio console 96k, 52-208 channels (See Photo)
Circle (514) on Free Info Card
* CS3050 Mid-range pre-formatted digitally controlled mixer
Circle (533) on Free Info Card
* CS3000 Mixer
Circle (165) on Free Info Card
Mixview version 3.2 software
Circle (301) on Free Info Card

Graham-Patten Systems

800-422-6662; 530-273-8412
* D/ESAM 8000 surround sound mixer

Harrison by GLW

615-370-9001
PRO-950 TV/radio production mixer
* digital.engine digital mixing system
* Series Twelve mixing console
* TV5.1 surround broadcast console

Radio Systems Inc

856-467-8000
RS-12A audio console

Rolls Corporation

801-263-9053
* MX442 field mixer

Shure Brothers Inc

800-25-SHURE; 847-866-2200
* FP33 stereo mixer for field use
* FP410 portable automatic 4 channel mixer
* M367 six balanced line/mic input

Solid State Logic Inc

212-315-1111
* Avant digital film console
* Axiom-MT digital multitrack console
* Aysis Air digital broadcast console

Studer North America

510-297-2711
* D950S digital mixing console w/surround

TC Electronic

800-738-4546; 805-373-1828
* UnitY Card SFX for O2R

TeleCast Group AS

+47 33 44 72 00
Seector/Secor digital mixer



Wheatstone TV 1000

Wheatstone Corp

252-638-7000
* D-600 Digital on-air/production console
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* TV-80 TV audio console
Circle (226) on Free Info Card
* TV 1000 Digitally controlled analog mixer w/5.1 monitoring (See Photo)
Circle (188) on Free Info Card
* SP-8EX TV audio console
Circle (164) on Free Info Card

Whirlwind

888-733-4396
MIX-6 six channel broadcast-quality

Yamaha Corp of America

714-522-9011
MX 12/4
01V digital mixing console
02R

Zaxcom

201-652-7878
* Arria HD digital audio mixer

Audio Processing

Includes: Audio compressor/expanders; Audio effects systems

Ashly Audio

800-828-6308; 716-872-0010
VCM-88 Eight channel limiter

Crane Song Ltd

715-398-3627
* STC-8 peak limiter/compressor

Cutting Edge

216-241-3343
* Omnia-dtv 5.1 channel audio processor

Dan Dugan Sound Design

415-821-9776
* Model D automatic mixing controller

G Prime Ltd

212-765-3415
* EQ1-MK2 Parametric equalizer

Group One Ltd

516-249-3662
Focusrite P3 compounder

Orban

510-351-3500
* Optimod-DAB 9200 (2-Channel DTV)

Symetrix

425-787-3222
528 voice processor

TC Electronic

800-738-4546; 805-373-1828
DBMAX multiband dynamics processor
Finalizer Plus dynamics processor
Fireworx special effects processor

Universal Audio

831-454-0630
1176LN limiting amplifier

Audio Recording, Storage & Playback

Includes: Audio playback devices; Audio RAM recorders; Audio tape recorders/players (ATRs); Disk recorders (audio)

360 Systems

818-991-0360
* TCR/8 Eight-track hard disk recorder
* TCR/4 Digital audio hard-disk recorder
* Digicart II Plus Audio disk recorder
* Instant Replay 2.0 w/24 hrs internal storage

AKAI Musical Instrument Corp.

800-433-5627; 817-831-9203
DD8 Plus digital dubber

Arrakis Systems

970-224-2248
* DL-4 Audio tape replacement

Broadcast Electronics Inc

217-224-9600
AudioVAULT

Euphonix Inc

818-766-1666
R-1 multitrack recorder
Circle (358) on Free Info Card

Product Directory

Henry Engineering

626-355-3656
* DigiStor-CD

HNB Communications

310-319-1111
* CDR850 Plus CD recorder/player

Nagra USA

615-726-5191
DII 24bit/96kHz mastering

Otari Corp

800-877-0577; 818-598-1200
RADAR II HDR series

Sonifex Ltd

+44 1933 650 700
Courier PCMCIA audio recorder

TeraTek Software

+33 1 42 62 06 20
* Final Cut multi track editing

Audio Routing & Distribution

Includes: Audio A/D-D/A converters; Audio compression/encoding equipment; Audio DAs; Audio routers; Audio/video mux/embedding equipment; Sample rate converters

Antex Electronics

800-338-4231; 310-532-3092
Model BX-12 digital audio adapters

Artel Video Systems Inc

800-225-0228; 508-303-8200
* DL-1220 analog and digital fiber optic video system

ATI-Audio Technologies Inc

800-959-0307; 215-443-0330
* DDA106/112/206-XLR AES/EBU da

Axon Digital Design BV

+31 13511 6666
AAD-542/ADA-524 converters

Benchmark Media Systems

800-262-4675; 315-437-6300
* ADA2008 4 Channel A/D-D/A converter
* VCA-2 remote stereo VCA
* DA-101 & DA 102DM power amp DAs
* AD2408-96 audio A/D converter system

CBSI-Custom Business Systems Inc

800-547-3930; 541-271-3681
Digital Universe digital audio management

Chyron Corp

516-845-2000
* Freeway w/new features for audio routers

COMTEK Inc

800-496-3463; 801-466-3463
* DX 3-4 digital matrix IFB controller

Datatek Corp

800-882-9100; 908-654-8100
* D2600/2800 digital audio routers

Euphonix Inc

818-766-1666
Multi-channel audio converter
Circle (457) on Free Info Card

Extron Electronics

800-633-9876; 714-491-1500
SADA 6 MX stereo audio DAs
Circle (316) on Free Info Card
Matrix 6400 audio matrix switcher
Circle (317) on Free Info Card
MSA 1616 matrix switcher
Circle (314) on Free Info Card

Grass Valley Group

800-998-3588; 800-547-8949
* 8900 Modular series
Circle (535) on Free Info Card
* MAX 9000 Digital modular series
Circle (339) on Free Info Card
* SMS7000 Product line
Circle (467) on Free Info Card

Henry Engineering

626-355-3656
* USDA 2x4 audio DA

Klotz Digital America

678-966-9900
* VADIS includes A/D-D/A, routing, DAs, etc.

Multidyne Video & Fiber Optic Systems

800-4TV-TEST; 516-671-7278
AAGC-200 Stereo audio DA w/AGC
Circle (362) on Free Info Card

NVISION Inc

800-719-1900; 530-265-1000
* NV1025 audio DA
* 4000 series modules
* NV3064SA audio router
* NV1035 audio A/D-D/A converter
* NV1050 sample rate converter
* 4000 series digital audio (dis) embedders

PESA Switching Systems

800-328-1008; 516-845-5020
* Tiger 144x144 Analog/AES matrix
Circle (459) on Free Info Card

QSC Audio

714-957-7100
RAVE routing audio via Ethernet

RAM Systems and Communications

800-779-7575; 847-487-7575
* SR-64 audio routing switcher

Ross Video Ltd

613-652-4886
RossGear terminal equipment
Circle (282) on Free Info Card

Sierra Video Systems Inc

530-478-1000
* Video & audio DAs
* Yosemite 64x64 to 128x128 router

Sony Electronics

800-686-SONY
Complete line of audio routing products

TC Electronic

800-738-4546; 805-373-1828
* Finalizer 96K studio mastering processor

Utah Comteck Video Inc

801-524-9999
AVS-1B & AVS-2 routers

Ward-Beck Systems Ltd

800-771-2556; 416-335-5999
* M8200 analog, D8200 digital audio DAs
* D8200 series, POD series

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Automation Systems

Includes: Asset management systems; Master control switchers; PSIP and DTV data encoders; TV business automation (traffic systems); TV facility automation; TV news automation systems

Associated Press

800-821-4747; 202-736-1100
AP ENPS Newsroom computer system

Avid Technology

800-949-AVID; 978-640-6789
* NewsCutter Version 1.5

BBC Resources - Projects

+44 8700 100 883; +44 1815 767 121
* BNCS broadcast network control system

Blueline Technology Inc

800-905-2583; 972-353-2583
* STATIONMASTER automation system

CEA Digital Newsroom Systems

800-888-3922; 410-987-7003
* CEA digital newsroom system

Chyron Corp

516-845-2000
* TX-320 digital multi-channel MC switcher
* MAPP media management system
* Sextant
* Compass
* Multichannel automation system

Columbine JDS

303-237-4000
* Playlist Manager
* PSIP Manager
* CJDS DAL D-MAS Drake automation

Comprompter

608-785-7766
* NewsKing Windows based news software

Computer Engineering Inc

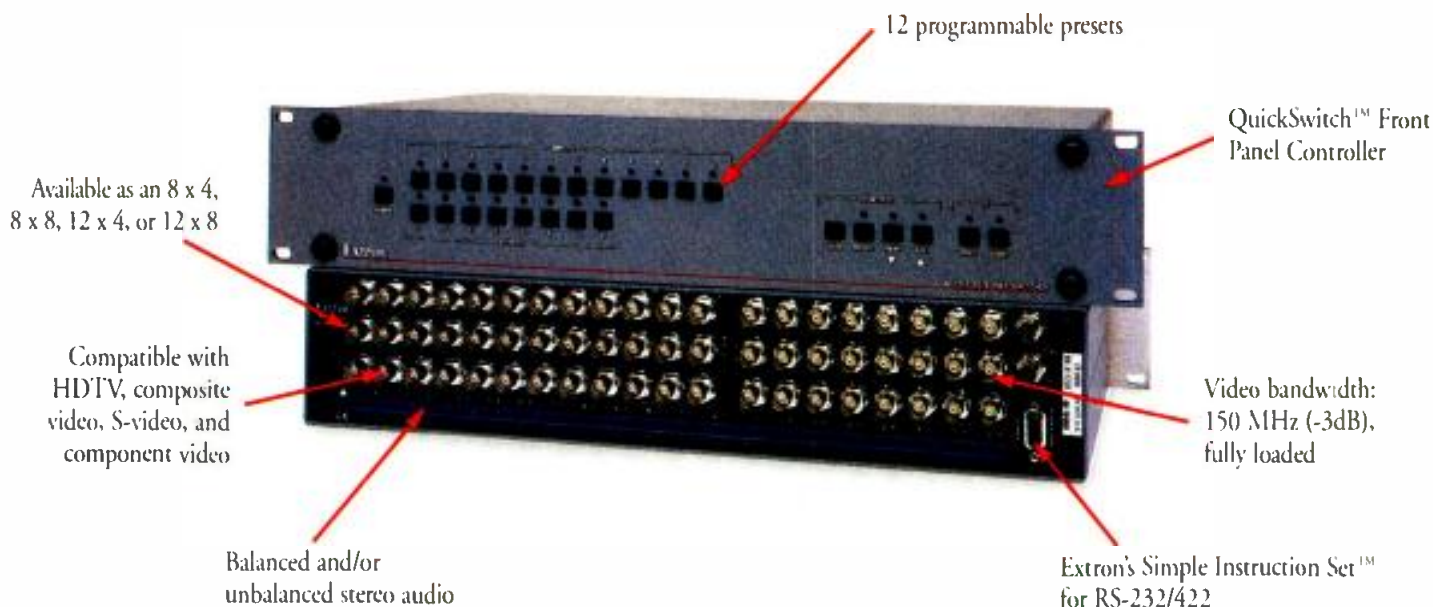
801-485-8420
* VideoVault video archiving to DVD

Drake Automation Inc

888-325-5040; 973-631-6200
* D-MAS Drake multi-channel automation

FloriCal Systems Inc

352-372-8326
* AirBoss NT on-air automation



Matrix Switching for HDTV Signals

Matrix 50 Switcher Series

Extron's Matrix 50 switcher series are flexible matrix switchers capable of routing HDTV, RGB, component video, S-video, composite video, and stereo audio in 8 x 4, 8 x 8, 12 x 4, and 12 x 8 I/O sizes. Any source may be routed to one or more destinations, and signal routing is easily controlled from the front panel or through RS-232 control, providing convenient, centralized control in a broadcast environment. The Matrix 50 offers 150 MHz (-3dB) video bandwidth, audio switching, 12 programmable presets of matrix switching configurations, user-friendly programmability, and a rack-mountable enclosure.

Broadcast Quality

With 150 MHz (-3dB) video bandwidth (fully loaded) and no less than ± 0.1 dB from 0 to 80 MHz, the Matrix 50 delivers broadcast quality HDTV performance—meeting and exceeding the requirements of any broadcast or post production application requiring the routing or distribution of analog 1080i, 1080p, 720p, 480i and 480p HD component formats set by the Advanced Television Systems Committee (ATSC).

Ease of Use

12 programmable presets of matrix configurations for inputs and outputs allow the user to conveniently configure any broadcast environment. Programming is quick and easy with Extron's Simple Instruction Set™. The Matrix 50 is housed in a 2U high, rack-mountable enclosure and is available in 28 different models.

The Matrix 50 Series comes with these additional standard advantages:

- Capable of routing SMPTE analog signals for 1080i/p, 720p, and 480i/p
- Fully buffered inputs/outputs to assure signal integrity
- Audio input gain/attenuation per input and audio breakaway switching
- Auto-switchable internal power supply (100-240VAC, 50/60 Hz)

For complete details, visit our website at <http://www.extron.com/product/product.asp?id=matrix50>

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doesn't convert you,
the picture will.**



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It's here. A smart, simple solution that can turn your analog design into a digital TV in a flash. It's our new M-DTV module, yet another example of DigitalDNA™ technology from Motorola — chips, systems, software and the ideas of thousands of innovative engineers dedicated to helping you get cutting-edge products to market as fast as possible. How does it work? Advanced software enables reception of ATSC signals for processing and display on your current NTSC TV system. Third-generation Motorola MCT2100 technology provides enhanced reception. Plus, the affordable M-DTV module offers seamless integration, with minimum changes to your existing chassis design. So come check out M-DTV. And we'll make you a believer. www.digitaldna.motorola.com/dtv

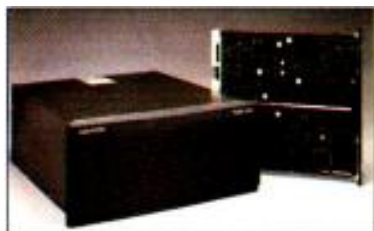
M O T O R O L A E M B E D D E D S O L U T I O N S

Product Directory

Grass Valley Group

800-998-3588; 800-547-8949

- * M-2100 Master control switcher
Circle (153) on Free Info Card



Harris MASTERplus

Harris Corporation

513-459-3400

- * PSIPplus PSIP manager
Circle (557) on Free Info Card
- * MASTERplus HD master control processor module (See Photo)
Circle (515) on Free Info Card
- * DATApplus MPEG-2 data encapsulator
Circle (556) on Free Info Card

Keops Broadcast

514-876-2855

- * MediaWorks asset management system

Leitch Incorporated

800-231-9673; 757-548-2300

- * HDTV Master Control Switcher
Circle (420) on Free Info Card



Louth ADC-100

Louth

650-843-3665

- * MEDIA CLIENT Prepares media for the air
Circle (356) on Free Info Card
- * GMT Media management system
Circle (357) on Free Info Card
- * DTV Manager DTV transmission management system
Circle (485) on Free Info Card
- * Cloning automated synchronized backup
Circle (486) on Free Info Card
- * AUTOSAT Automated satellite control
Circle (231) on Free Info Card
- * Air Monitor
Circle (439) on Free Info Card
- * ADC-100 Broadcast automation system (See Photo)
Circle (166) on Free Info Card
- * Media Browser Low-res video review
Circle (438) on Free Info Card

MATCO Inc

800-348-1843; 408-353-2670

- MA-206B Playback automation controller

Media Computing Inc

623-582-2600

- * ANGIS automated news graphic interface

Miles

+44 1635 552 524

- * M40+ presentation switcher

NewsMaker Systems Inc

818-879-0000

- * Open Media newsroom automation system
- * Style-Designer/CG template design
- * Stardrive Automation
- * Lo-Res Video/Lo-Res browse and edit

Odetics Broadcast

714-774-2200

- * Bowser Visual Asset Manager
- * Micro Station automation system
- * Roswell Facility Management System
- * AIRO station automation system

Panasonic Broadcast

800-528-8601; 323-436-3500

- * Smart Cart automation w/DVCPRO VCRs

ParkerVision

800-532-8034; 904-737-1367

- * PVTV STUDIO production automation

PESA Switching Systems

800-328-1008; 516-845-5020

- * Alliance multiformat HD/SD master control switcher
Circle (240) on Free Info Card

Philips Digital Video Systems

800-962-4287; 818-729-7700

- * MC series of high performance automation
- * Saturn master control switcher

Ross Video Ltd

613-652-4886

- AVM-7900 4 input audio video mixer

Circle (284) on Free Info Card

- DVM-8900 4 input digital video mixer

Circle (566) on Free Info Card

Sundance Digital Inc

972-444-8442

- * FastBreak Automation

SunUp Digital Systems

408-437-4500

- TCS Operating System

Videomedia Inc

800-YES-VLAN; 408-227-9977

- Air-Pak automation system
- * VIP-Suite

Videotek Inc

800-800-5719; 610-327-2292

- PRODIGY 10 input video/audio mixing

Circle (343) on Free Info Card

Vsoft Inc

978-250-9492

- * VideoClick 2.0



www.zandar.com

MultiViewer systems for CATV Barker channels, Multi-channel monitoring, Multimedia Displays. Features: up to 6, 16 or 64 pictures, Page Scheduler & Sequencer, text, label & logo insertion, picture re-size/position/crop, Tally & UMD, RS232/Ethernet.

Cable TV Equipment

Includes: Broadcast cable equipment; CATV system components; Conditional access systems; Set top box technology

Divicom

877-348-4266; 408-490-6560

- * Divicom SimulCrypt solutions

Harmonic Inc

408-542-2500

- Digital video transport system

Macrovision Corp

800-622-7686; 408-743-8600

- * ACP-PPV copy protection

Specialized Technology Group/3DXF

888-478-2687; 972-234-8750

- DVinci multi-source video/graphics mixer

Standard Communications Corp

310-532-5300

- TVM550II AM-VSB modulator

Stanford Telecom

408-745-2660

- STEL-2176 subscriber modem mod/demod chip

Tandberg Television Inc

949-725-2500

- * VideoGuard; Director
Circle (238) on Free Info Card

Teralogic

650-526-2000

- * TL850 all format DTV decoder IC

Videotek Inc

800-800-5719; 610-327-2292

- DM series demodulators, video and stereo
Circle (345) on Free Info Card

Zandar Technologies

408-782-9725

- VMX-64 Mosaic/barker channel generator MultiViewer
Circle (346) on Free Info Card

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Our New XJ25 Is Big On Specs And Performance, Not On Price.

Canon's XJ25X6.8BIE-D is a remarkable lens that combines Canon's industry-standard HDTV quality with our breakthrough IFxs technology, to produce a lens that features enhanced specs, smaller size and a lower price than any HDTV lens on the market today.

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Featuring the shortest MOD in its class (0.6m) and a wide range of focal length (6.8~170mm),



the XJ25 incorporates Canon's exclusive Digital Zoom and Focus Servo system with 13 bit repeatability, as well as Digital Servo Controls to provide the precise focus control required by HD systems (since the depth of field is almost half that of NTSC).

Canon's XJ25 features a Crossover option which maximizes operation on switchable cameras.

For more info: Call 1-800-321-4388

(In Canada: 905-795-2012)

<http://www.usa.canon.com>

Maximize Your Camera's Performance.

Canon

Product Directory



www.radamec.co.uk

Radamec Broadcast Systems specializes in the design and manufacture of Robotic Camera Control Systems and cost effective Virtual Studios.

Camera Robotics & Virtual Sets

Includes: Camera remote controls; Robotic camera controls; Virtual sets

Accom Inc

650-328-3818

* ELSET Live NT realtime, 3D virtual set

Brainstorm Multimedia

+34 91 549 50 03

* E studio 3D virtual set software

Camplex Corp

316-342-7743

VTU-320A black burst timing unit

CP-301B composite coax/triax multiplexer

CP-501 component coax/triax multiplexer

Directed Perception

650-342-9399

* PTV miniature computer controlled camera platform

Evans & Sutherland

801-588-1661

MindSet 100/200

For-A Corporation of America

352-371-1505

* digiWarp-EX

Global Microwave Systems

760-631-8021

StarCam

Circle (207) on Free Info Card

Orad

212-931-6723

* CyberSet O, M & E virtual studio systems

Radamec Inc

877-RADAMEC; 732-246-0906

* Robotic Track Cam

Circle (298) on Free Info Card

* Free-d virtual studio camera tracking system

Circle (257) on Free Info Card

* Virtual Scenario virtual set

Circle (158) on Free Info Card

* RP2A robotic pedestal

Circle (159) on Free Info Card

RT-SET Inc

877-955-2230; 212-463-9902

* LARUS virtual studio system

**For
additional
product
listings
see**

www.broadcastengineering.com



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TECHNOLOGIES

Innovative MultiViewer Solutions

Compact Standalone Systems
save on space, cooling requirements
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for promoting channel offerings
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www.americanradiohistory.com

Product Directory



Sachtler Speed Lock CF

Sachtler Corp

516-867-4900

- * Speed Lock CF two-stage tripod with quick locks (See Photo)

Circle (554) on Free Info Card

Sato Kensetsu Kogyo Co Ltd

+81 3 3572 5691

- * Linear Cam wire-type remote camera

Telemetrics Inc

800-424-9626; 201-848-9818

- * Weatherproof camera control systems
- * Advanced camera control & robotics
- * TM-CPS
- * TM 9660, TM9250, TM9255 triax/coax CCUs

Vinten Inc

888-2 VINTEN; 914-268-0100

- * ACP-8000P touchscreen controller
- * ImageTracker precise position tracker



www.ocon.com

O'Connor fluid heads and tripods deliver the performance that professionals demand whether in the studio or on location. O'Connor products have been designed by professionals, for professionals.

Camera Support

Includes: Camera support products (tripods); Pan/tilt heads

Bogen Photo Corp

201-818-9500

Gitzo Rollpod and tripods

Circle (383) on Free Info Card

G1380 series video fluid head

Circle (429) on Free Info Card

Manfrotto 501 Pro video head

Circle (449) on Free Info Card

Manfrotto tripods & pan/tilt heads

Circle (190) on Free Info Card

Cartoni USA

888-227-8664; 805-520-6086

Gamma fluid head for ENG systems

Chapman/Leonard Studio Equipment Co

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Full line of cranes & dollies

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Cinekinetic

+61 8 9 459 3690

- * Cinesaddle/Minisaddle car

Miller Fluid Heads (USA)

973-857-8300

- * DS-25 ENG digital support systems

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The world leader in broadcast robotic control camera systems.

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- Robotic to Manual Control With the Flick of a Switch – No re-alignment necessary
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- Easy upgrade path to **virtual set** technology

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- Designed to grow with facility
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Not ready for a full system yet? Radamec can build a robotic system using your existing pedestals.

Current customers include: CBS, FOX, FOX News, CNN, KNBC, KTTV, C-SPAN, TXCN, WPXI, Bloomberg, The US Senate and The US House of Representatives.



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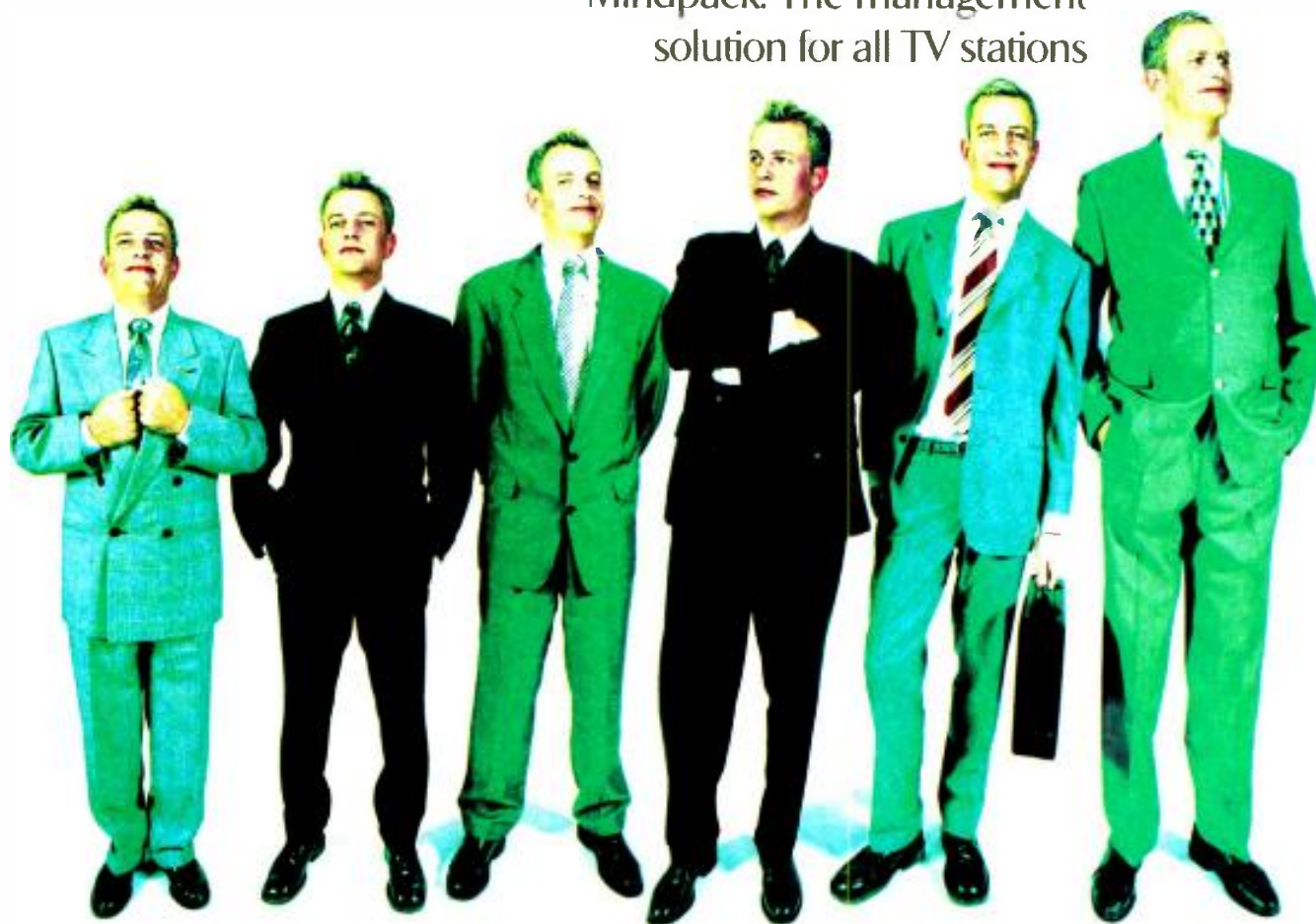
Toll-Free

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Circle (110) on Free Info Card

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Mindpack: The management solution for all TV stations



Whether you're a small TV station or a multinational broadcasting company, reliable, cost-effective channel management is essential. Mindpack is a convenient, scalable channel management system that grows as you grow - from single channel to multi-channel operations. And at a price you can afford.

Mindpack has been specially designed to cater for networks and channels broadcasting on analogue and digital platforms.

It comprises full rights management, including budget modeling and finance, a media library, and planning and presentation scheduling, in one fully-integrated package. And all of this with the reliability that comes from years of fine-tuning to meet the demands of today's TV stations.

So when your business is head and shoulders above the rest, Mindpack will always be there to support you.

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MEDIA COMMERCE TECHNOLOGIES

Product Directory



O'Connor 1030B/1030S

O'Connor

714-979-3993

- 25L Two stage 15"-66" tripod
Circle (270) on Free Info Card
- 55L Heavy duty tripod
Circle (550) on Free Info Card
- 55D Heavy duty aluminum tripod
Circle (272) on Free Info Card
- 35LC Quick deployment carbon fiber tripod
Circle (271) on Free Info Card
- 2060 Fluid head
Circle (273) on Free Info Card
- 2527B/2575BV Fluid heads
Circle (160) on Free Info Card
- 1030B/1030S Fluid heads (See Photo)
Circle (549) on Free Info Card
- DV/DVS Fluid heads
Circle (269) on Free Info Card

Porta-Jib/Hollywood General Machining

323-462-2855

- Dollies with adjusting column/seats/track
- Lightweight, front-operated jib arm



Radamec Model 431

Radamec Inc

877-RADAMEC; 732-246-0906

- Model 431 pan/tilt heads (See Photo)
Circle (309) on Free Info Card

Sachtler Corp

516-867-4900

- Video 18 Plus fluid head for ENG cameras
Circle (261) on Free Info Card
- DA 75/2 2-stage 75mm aluminum tripod
Circle (568) on Free Info Card
- Caddy low budget fluid head
Circle (572) on Free Info Card
- Video 25 Plus fluid head
Circle (567) on Free Info Card

Telemetrics Inc

800-424-9626; 201-848-9818

- PT-CP, PT-HP, motorized pan/tilt heads

Vinten Inc

888-2 VINTEN; 914-268-0100

- Vision 11 broadcast ENG pan/tilt head
- Quatro studio/OB pedestal
- Quartz One studio pedestal

Cameras & Accessories

Includes: Camcorders; Camera accessories; Cameras

Aerial Films Inc

800-543-8947; 973-984-6680

- GyroCam 36x Airborne stabilized camera

Band Pro Film/Video

888-BANDPRO; 818-841-9655

- EASYRIG-2 lightweight camera support

Glidecam Industries Inc

800-949-2089; 508-866-2199

- Glidecam V-20 camera stabilizer

Hitachi Denshi America Ltd

516-921-7200

- SK-3000 multi-standard digital camera
- SK-3000P multi-standard digital camera
- Z-3000W switchable digital camera

Ikegami Electronics (USA) Inc

201-368-9171

- HDL-37 compact HDTV
- HDL-10 ultra compact HDTV camera
- HL-45/45W digital portable/IT
- HL-V73/73U, DVCPRO camcorder
- HK-388/388W studio camera
- HDK-790/HDL-79 HDTV universal camera

JVC Professional Products Co

800-JVC-5825; 973-315-5000

- DY-90U camcorder
- DY-700U camcorder
- KY-D29W switchable aspect ratio cameras

K&H Products Ltd

802-442-8171

- PortaBrace/shoulder cases

Lee Filters

800-576-5055; 818-238-1220

- VH lightweight video hood/filter holder

Panasonic Broadcast

800-528-8601; 323-436-3500

- AK-HC830 portable 1080i camera
- AJ-PD900W DVCPRO50 camcorder
- AJ-D900W 3-CCD DVCPRO50 camcorder
- AK-HC880 studio 1080i camera
- AJ-D810 3-IT 2/3" CCD DVCPRO camcorder

Philips Digital Video Systems

800-962-4287; 818-729-7700

- LDK series of studio and portable cameras

ProSource/BMI

203-335-2000

- Shade FX matte box

Sony Electronics

800-686-SONY

- HDCAM Line of Camcorders and Cameras

Thomson Broadcast

201-569-1650

- 1707 one-piece digital triax camera

Toshiba America

949-461-4986

- IK-TU40A 3 CCD color video camera

Tron-Tek Inc

888-819-4877; 918-663-4877

- TT-TWR-CAM tower cam unit

Circle (277) on Free Info Card



www.pinnaclesys.com/deko/
Pinnacle Systems Deko character generators are the top selling Windows(r) NT-based CG systems worldwide. Deko broadcast products offer resolution independence and an impressive suite of real-time effects.

Character Generators & Prompters

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AVS Graphics International

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Broadcast Software Solutions

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- WinMaster CG for Chyron CGs

Compix Media

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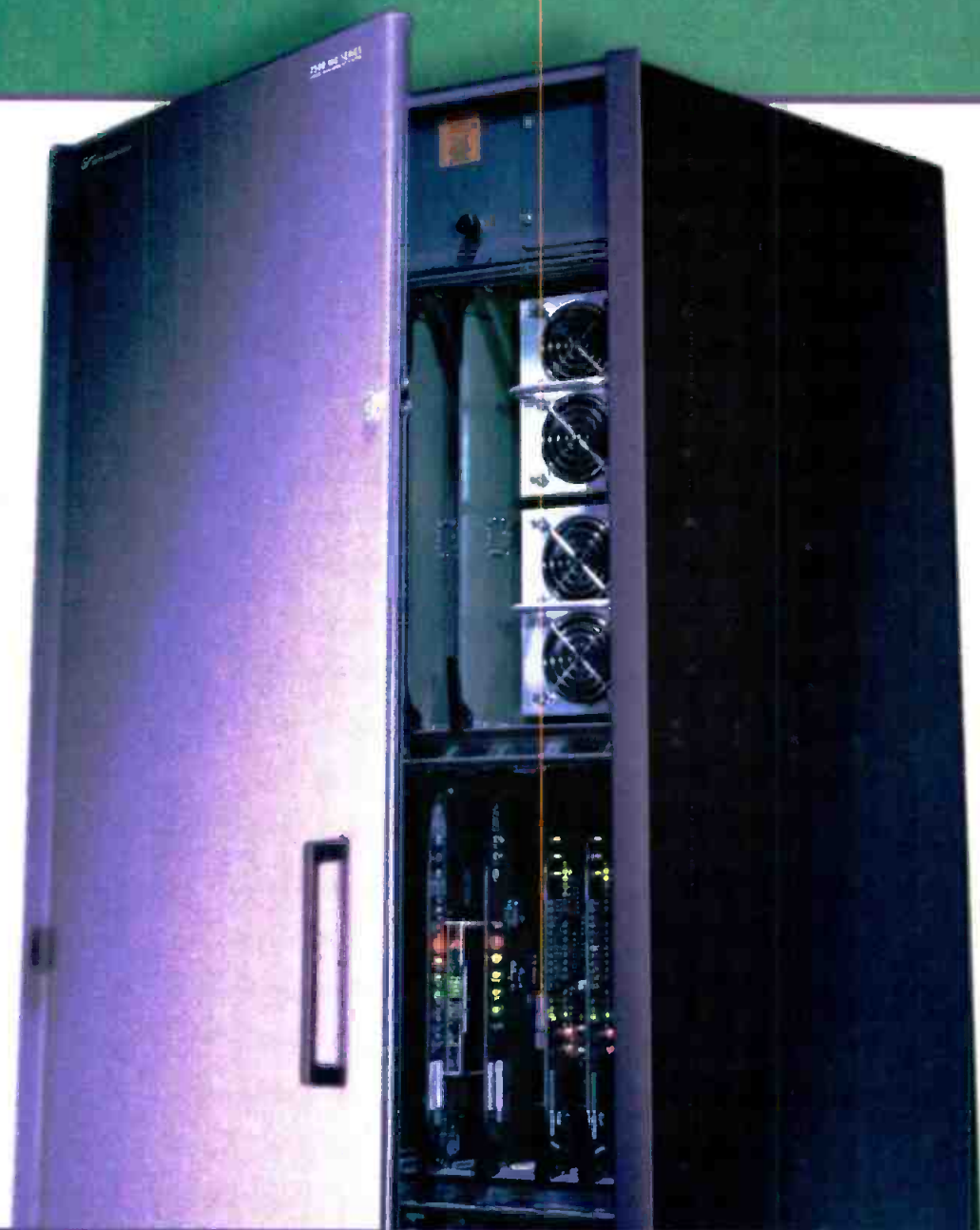
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Circle (412) on Free Info Card

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Circle (413) on Free Info Card

* FXDeko w/Live Special Effects

Circle (359) on Free Info Card

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* FibreRAID Fibre Channel RAID system

Storagepath

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* SP-8BRFC-22 Fibre channel JBOD

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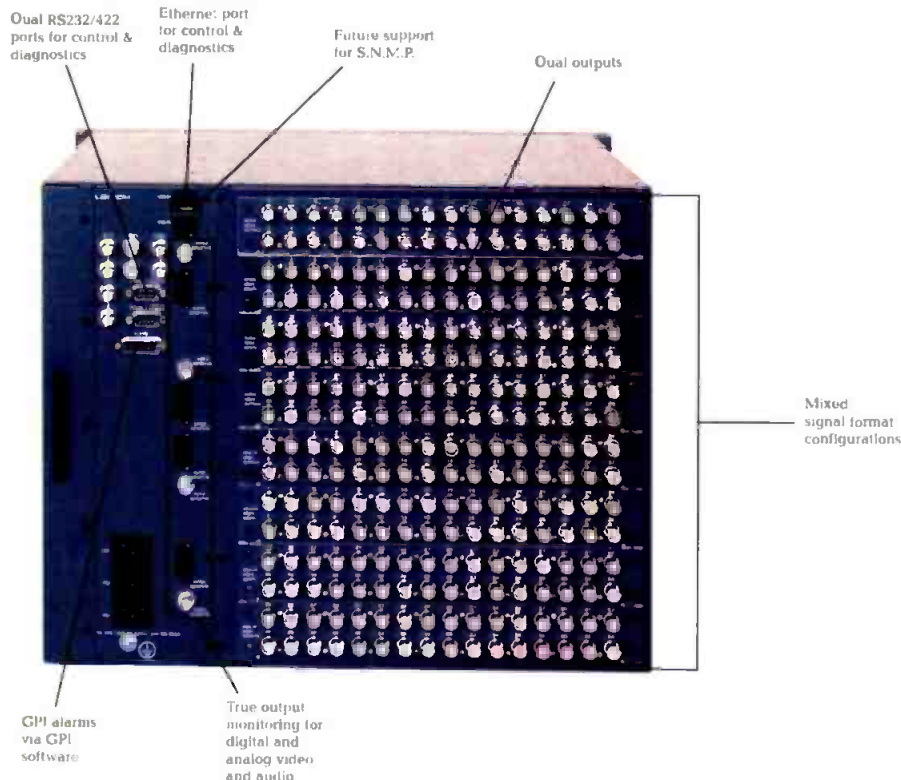
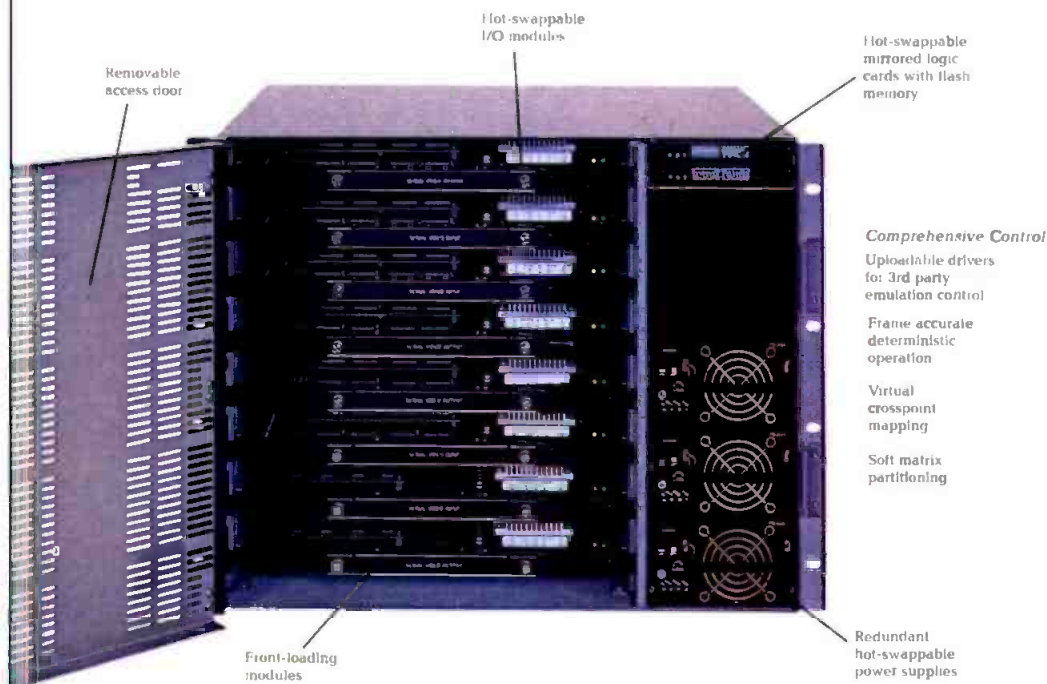
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Ross Video Ltd

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* CDK 104 telecine switcher

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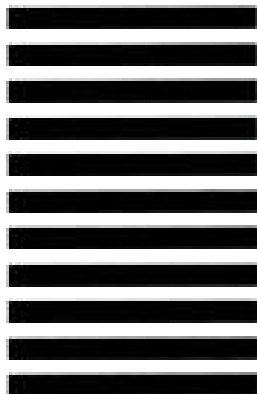
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On camera interview light

K5600 Inc

800-662-5756; 818-762-5756

Location lighting kits

Kino Flo Inc

818-767-6528

- * Diva-Lite 400 EFP/ENG light

KW/2 Lighting Products

800-949-7654; 972-556-2376

- * BL fluorescent fill lights

Lowel-Light Mfg Inc

800-334-3426; 718-921-0600

GO Kits small, lightweight, compact units

Packaged Lighting Systems Inc

800-836-1024; 914-778-3515

CFS-3 Challenger follow spotlight

PAG

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- * Paglight halogen or arc camera light

ROSCO/Entertainment Technology

800-223-9477; 503-222-9944

Intelligent Power System-dimmers

Sachtler Corp

516-867-4900

- * Reporter 50H 50W halogen camera light
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- * Reporter 21D MicroSun camera daylight
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Videssence Inc

800-579-7577; 650-579-7577

- * Studio 2000 SRGB fluorescence fixtures

Microphones & Accessories

Includes: Microphone accessories; Microphones; Wireless mics

Audio-Technica US Inc

330-686-2600

- * 40 series studio and field microphones
- * AT895 Adaptive-Array microphones
- * Special purpose stereo microphones
- * 40 series shotgun microphones
- * 100 UHF camera-mount microphones

Azden Corp

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- 400HT portable UHF handheld microphone
- 400HT3 portable UHF handheld
- 400XT portable UHF plug-in transmitter
- 400LT 63 freq. portable UHF lavaller
- 400LTS portable UHF w/Sony ECM-44H

beyerdynamic

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M-99 announcer/voice-over

Bogen Photo Corp

201-818-9500

Gitzo microphone shock mounts

Circle (384) on Free Info Card

COMTEK Inc

800-496-3463; 801-466-3463

- * MRC-82CLS wireless mic system
- * MR-182LS wireless lavalier mic system

DPA Microphones

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4035 headset microphone, P48

Electro-Voice

800-234-6831; 616-695-6831

MS3000 wireless microphone system

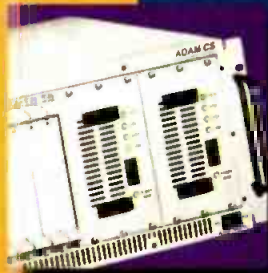


Lectrosonics UCR210D

Lectrosonics Inc

800-821-1121; 505-892-4501

- * IFBR1 Frequency agile IFB receiver
Circle (537) on Free Info Card
- * VHF & UHF wireless mics for ENG/EFP/studio applications
Circle (279) on Free Info Card
- * UCR210D Battery powered, frequency agile receiver (See Photo)
Circle (534) on Free Info Card
- * IFBT1 Frequency agile IFB transmitter
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- * 200 series UHF wireless microphone system
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Product Directory

Micron Audio Products Ltd

973-857-8150

* TRAM microphones & accessories

Neumann

860-434-5220

* TLM 103 transformerless condenser mic.

Pearl Microphone Laboratory

+46 42 58 810

* CC 22 mono cardioid studio microphone

Rycote Microphone Windshields Inc

+44 1453 759 338

* Softie windshields

Sabine Inc

800-626-7394; 904-418-2000

* Wireless system with feedback control

Sennheiser Electronic Corp

860-434-9190

* SKM 3072-U wireless microphone

* Evolution Wireless

* Evolution microphone series

Shure Brothers Inc

800-25-SHURE; 847-866-2200

* SM631B on-camera

* VP64AL video/broadcast handheld mic

Telex Communications

800-392-3497; 612-884-4051

* PST-16 16-Channel portable transmitter

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* USR-100 wireless microphone system

Circle (228) on Free Info Card

* UT-500 plug-on UHF transmitter

Circle (163) on Free Info Card

* ENG-100 broadcast ENG receiver

Circle (162) on Free Info Card

Vega

800-877-1771; 626-442-0782

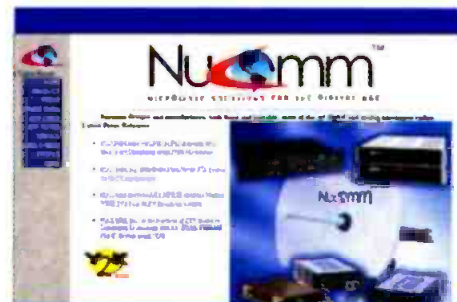
* Q+/Q600 wireless intercoms

* R-672 UHF receiver

* EMP series UHF studio wireless mics

* T-772 UHF transmitter

* U2020 series UHF wireless systems



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* STARLink ATSC/NTSC STL (See Photo)

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Circle (523) on Free Info Card

* ENG vehicle packages

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* STL/TSL ICR modular system

Circle (183) on Free Info Card

* 7 & 13GHz STLs

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Standard Communications Corp

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* Alteia MPEG-2 4:2:2 receivers/decoders
MT900B intercontinental multi-standard receiver

MT830BR Agile Omni broadcast receiver

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* Planning software for broadcast facilities

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Majecal Case Company

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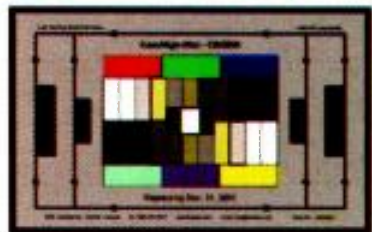
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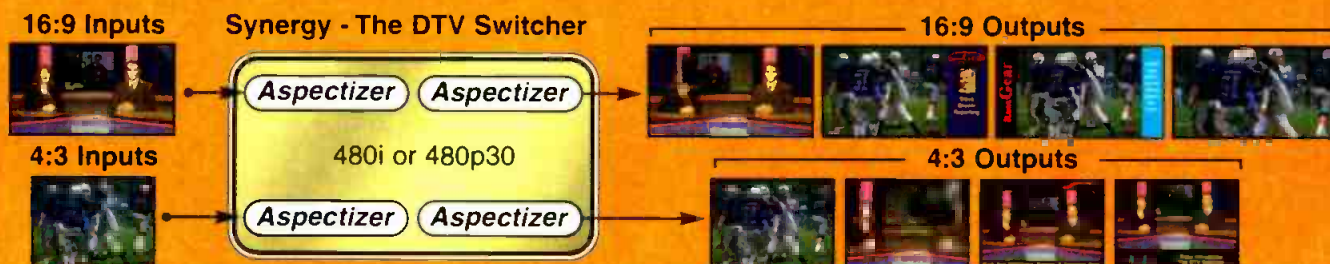
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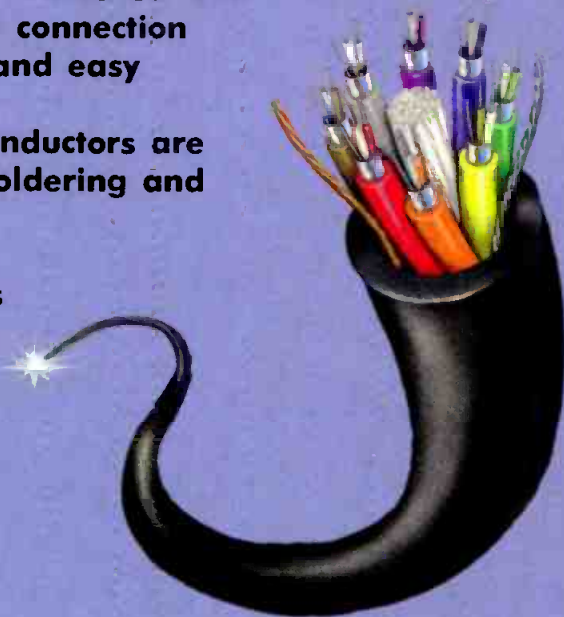
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Product Directory

Ensemble Designs

530-478-1830

Avenue video & audio signal integration

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* 7710MD HDTV monitoring downconverter

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800-633-9876; 714-491-1500

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* TView Pro AV scan converter



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* VFC2200 Video format converter

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9400JR Autosync video scan converter

Circle (450) on Free Info Card

* VFC2100 Video format converter

Circle (302) on Free Info Card

CGC-4000 Broadcast quality video scan converter (See Photo)

Circle (509) on Free Info Card

Fortel DTV Inc

404-885-9555

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Grass Valley Group

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* SMS8000 Modular series

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* 8900 Modular series

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* M9603HD

Circle (501) on Free Info Card

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DFS-3005 Frame synchronizer

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IXION

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* Model 1159 D1 to analog composite encoder

Magni Systems

800-237-5964; 503-615-1900

AVM-510C video monitor

MagniCoder Pro video scan converter



Miranda Aquila

Miranda Technology

514-333-1772

* Aquila modular upconverter (See Photo)

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* SER-800E/D HD video serializer and deserializer

Circle (511) on Free Info Card

* SDM-801I HD serial digital to component analog converter

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Circle 148 for Product Info Only Circle 149 for Product Info & Demo
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Product Directory

Ross Video Ltd

613-652-4886

DVB-8020A-S 4:2:2 frame synchronizer

Circle (195) on Free Info Card

Ross Gear encoders and decoders

Circle (281) on Free Info Card

Sierra Video Systems Inc

530-478-1000

* Digilinx series

Snell & Wilcox

+44 1730 821 188

* HD200 compact downconverter

* HD2100 compact downconverter

* HD5050 upconverter

* HD4000 HDTV frame synchronizer

Alchemist Ph. C standards converter

Interpolator

Sony Electronics

800-686-SONY

Complete line of conversion products

Specialized Technology Group/3DXF

888-478-2687; 972-234-8750

Channel PCI Multi-monitor adapter

Telford Technical Research Ltd

+44 1932 564 063

* TBC 3001 analog TBC

TeraNex

407-517-1086

* VCA-6110PXC All format converter

Circle (477) on Free Info Card

* VCD-6011PXC cross/down converter

Circle (529) on Free Info Card

* VCU-6100PXC upconverter

Circle (530) on Free Info Card

* VCS-6001PXC Standards converter

Circle (528) on Free Info Card

Thomson Broadcast

201-569-1650

* MSE 5000 HD/SD encoder

TV One Multimedia Solutions

800-721-4044; 606-282-7303

CORIOscan-Pro SG

VAS Group Inc

818-843-4831

* X-Box HD and SD format converters

Video Gainesville

352-372-0270

* MightyCoder digital-analog converter

Video International Development

516-243-5414

* DTC 4600MV standards converter

* DTC 1600 Quattro digital standards converter

* DTC 4000 Visa & Plus motion vector/aspect ratio converter

Videotek Inc

800-800-5719; 610-327-2292

* VDP series of analog and 60i video synchronizers

Circle (347) on Free Info Card

YEM America Inc

310-544-9343

* HSC-1125D1A HDTV upconverter



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www.videotek.co.uk

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Adherent

+44 1223 200 700

* AD953-II Stream Station II

* AD 950 Stream Analysis ATSC/DVB

* AD 951-II Stream Player II

* AT 970 ATSC Stream View

Advanced Broadcast Systems Inc

800-499-4554; 606-689-0075

* Zenith ATSC demodulator

Circle (517) on Free Info Card

Agilent (formerly HP T&M)

800-367-4788

HP89441V vector signal analyzer

E6277 MPEGscope Plus

ASACA/ShibaSoku Corp of America

800-423-6347; 310-672-6765

* TG35AX Programmable signal generator

Astro Systems Inc

818-244-1806

* SG-7800 HD test signal generator

Audio Precision

800-231-7350; 503-627-0832

* System Two dual domain

AVCOM of Virginia Inc

804-794-2500

* PSA-65C portable spectrum analyzer

Belar Electronics Lab Inc

610-687-5550

TVM 100/101

CSA-1 composite FFT spectrum analyzer

* TVMA-1 precision modulation monitor

Berkeley Nucleonics Corp (BNC)

415-453-9955

Model 625A signal/function generator

Broadcast Technology Ltd

360-834-1862

* DTV 1450 ATSC demodulator

CCETT

+33 2 99 12 42 17

* IRD-Pro DVB-T receiver decoder

DSC Labs

800-267-5227; 905-673-3211

72dB 13-step greyscale chart

Circle (440) on Free Info Card

CamAlign 4:3 and 16:9 front-lit test charts

Circle (553) on Free Info Card

Combi-1 and 2 optical signal generators

Circle (311) on Free Info Card

Ambi Illuminator 16:9 and 4:3 multisource

Circle (310) on Free Info Card

ESE

310-322-2136

ES-219A black burst generator family

Circle (295) on Free Info Card

Evertz Microsystems Ltd

905-335-3700

* 7750TG-HD HD test signal generator



Extron DVS 100

Extron Electronics

800-633-9876; 714-491-1500

* DVS 100 Digital video scaler (See Photo)

Circle (506) on Free Info Card

VTG 200 Video test generator

Circle (319) on Free Info Card

Fluke Corp

800-44-FLUKE; 425-347-6100

ScopeMeter 190 handheld oscilloscopes

Gage Applied Sciences

800-567-4243; 514-633-7447

* General test equipment

Hamlet Video International Ltd

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Monitor Scope MS601

Harris Corporation

513-459-3400

* MONITORplus DTV monitoring system

Circle (443) on Free Info Card

* ARX-H200 professional ATSC receiver

Circle (555) on Free Info Card

Holaday Industries Inc

877-HOLADAY; 612-934-4920

HI-4460 graphical hand-held EMF readout

HI-4000 RF/EMF measurement system

HI-4455 and HI-4457 field probes

Horita Co Inc

949-489-0240

TSG-50 NTSC test signal generator

Circle (198) on Free Info Card

BSG-50 blackburst/sync/tone generator

Circle (234) on Free Info Card

Interra Digital Video Technologies

800-646-4434; 408-573-1400

* SyncCheck lip sync analysis software

Ktech Telecom Inc

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* DVM-100 ATSC-compliant demodulator

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Leader LV 5152DA

Leader Instruments Corp

800-645-5104; 516-231-6900

- * LT 441D HDTV digital generator
Circle (502) on Free Info Card
- * LV 5152DA Digital/analog waveform monitor (See Photo)
Circle (524) on Free Info Card
- * LV 5150D HD digital/analog monitor
Circle (200) on Free Info Card
- LV 5137
Circle (500) on Free Info Card
- * LV 5152D Digital/analog waveform monitor
Circle (470) on Free Info Card
- * LT 5910 SDI analyzer
Circle (461) on Free Info Card
- LE 1860 CD/CD-ROM/DVD jitter meter
Circle (189) on Free Info Card
- * LT 440D HDTV signal generator w/genlock
Circle (235) on Free Info Card
- * LT 425D Digital signal generator
Circle (175) on Free Info Card
- LG 3226 2GHz signal generator
Circle (170) on Free Info Card

LG 1311 10MHz function generator

Circle (374) on Free Info Card

LG 1301

Circle (167) on Free Info Card

LF 827 1.3GHz frequency counter

Circle (375) on Free Info Card

* LV 5100DE Digital/analog monitor

Circle (174) on Free Info Card

LeCroy Corporation

800-553-2769; 914-425-2000

* LT 322 500MHz digital oscilloscope

LG Electronics

609-716-3505

* StreamScope MT-10

Logic Innovations

888-34-LOGIC; 619-455-7200

* DSTS capture & playback transport streams

Circle (267) on Free Info Card

Magni Systems

800-237-5964; 503-615-1900

AVM-510 automated signal video monitor
SDM automated serial digital signal monitor

Modulation Sciences

800-826-2603; 732-302-3090

* MSI 320 precision video demodulator

Narda Microwave

516-231-1700

* 8712/A87420D FCC compliance system

ProTeleVision Technologies (PTV)

800-421-0888; 201-529-2188

PT 5474 digital video analyzer

PT 5230 digital video generator

PT 5210 VariTime digital sync generator

PM 5639 handheld CRT color analyzer

Radyne Comstream Corporation

602-437-9620

* DBR2000 digital broadcast receiver

SyntheSys Research

650-364-1853

* HDVA292 HD digital video signal analyzer

Tektronix Inc/Measurement Bus

800-426-2200; 503-627-7111

* RFA300 8-VSB measurement set

* PQM300 Program QoS analyzer

TerraSonde

888-433-2821; 303-545-5848

The Audio Toolbox

Trompeter Electronics Inc

800-982-2629; 818-707-2020

* BNC tester, P/N 010-0133

Circle (171) on Free Info Card

Video Accessory Corp

800-821-0426; 303-443-4950

VB/BBG black burst generator



Videotek VTM-300

Videotek Inc

800-800-5719; 610-327-2292

DM-200 Demodulator

Circle (505) on Free Info Card

DM series demodulators, video and stereo

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* VSG series video synchronizers

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* VTM-200 Pic, Wfm, Vec, Audio on SVGA

Circle (173) on Free Info Card

* VTM-300 Waveform monitoring system
(See Photo)

Circle (424) on Free Info Card

* VTM series of traditional tube-based scopes

Circle (348) on Free Info Card

Ward-Beck Systems Ltd

800-771-2556; 416-335-5999

* Select series AMS4, bit buddy, bit splitter

Wavetek Wandel Goltermann

800-854-2708; 858-279-2200

* WWG DTS-G transport stream generator

* WWG DTS-400P MPEG-2 broadcast monitor

* WWG DTS-A transport stream analyzer

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High power transmitter solutions for you from the RF experts.

www.adc.com/broadcast

The Broadcast Systems Division of ADC Telecommunications, Inc., formerly ITS Corporation, manufactures UHF and VHF transmission for analog and digital applications, including Visionary® Series high power transmitters, solid state transmitters.

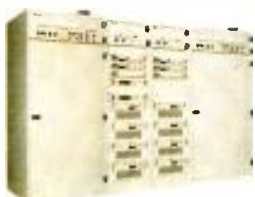
TV Transmitters, Translators, Exciters & Antennas

Includes: Frequency conversion equipment; MMDS products; Remote control systems (transmitter); TV exciters; TV transmitters; TV transmitting antennas

Acrodyne Industries Inc

800-523-2596; 215-542-7000

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- Solid State Medium Power Transmitters
- Medium Power Television Transmitters
- Adjacent Channel Technology
- LPTV Transmitters and Translators



ADC Broadcast Visionary Series

ADC Broadcast Systems Division

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- DTV transmitters 5W to 150kW
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- 5720 Analog/digital MMDS transmitters
Circle (265) on Free Info Card
- 6450B/6470A MMDS transmitters/boosters
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- Innovator Series UHF transmitters
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- DT1B Digital 8VSB, ATSC exciter
Circle (263) on Free Info Card
- Exciter Plus UHF/VHF exciter retrofits
Circle (264) on Free Info Card
- Visionary Series UHF IOT transmitters to 280kW (See Photo)
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- 800 Series UHF transmitters up to 10kW
Circle (212) on Free Info Card

Advanced Broadcast Systems Inc

800-499-4554; 606-689-0075

- ABS-TC-D Series Transmitters
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- CST-II Series IOT Transmitters
Circle (185) on Free Info Card

- Zenith 8VSB modulators
Circle (516) on Free Info Card
- BEST Series IOT small footprint transmitters
Circle (214) on Free Info Card
- ABS-TC Transmitter
Circle (397) on Free Info Card



Andrew TRASAR

Andrew Corporation

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- TRASAR high-power transmitting antenna (See Photo)
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- ALP series UHF antennas
Circle (521) on Free Info Card
- PANAR wideband and UHF panel antennas
Circle (219) on Free Info Card

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530-621-2015

- Champion DTV/NTSC antennas

Astre Systems

800-949-3127; 209-575-1000

- TV transmitter

Continental Electronics Corp

800-733-5011; 214-381-7161

- LDMOS (TELEFUNKEN Sendertechnik) DTV
- 714D digital TV transmitter
- 701D digital TV exciter

DASTO

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- UHF & VHF antennas & antenna systems



Dielectric Stacked antennas

Dielectric Communications

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- Stacked antennas (See Photo)
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- Dual channel antennas
Circle (290) on Free Info Card
- TUP-05 Panel antenna
Circle (482) on Free Info Card

Electronic Associates

915-595-3103

- DataLine remote control
- RF-Manager
- Pocket Monitor
- RF Host
- RF-Director

Eletronica Industriale Spa

+39 39 7398369

- D-One digital modulator
- Linea Stone

EMCEE Broadcast Products

800-233-6193; 570-443-9575

- TTU2500HD 2.5kW UHF HDTV transmitter

Gentner Communications Corp

800-945-7730; 801-975-7200

- Corporate version 1.9 GSC3000 software
- GSC3000 control system

Harris Corporation

513-459-3400

- CD 1A ATSC 8-VSB DTV exciter
Circle (154) on Free Info Card
- DiamondCD series DTV transmitters
Circle (211) on Free Info Card
- SIGMA CD-II series DTV transmitters
Circle (444) on Free Info Card
- PlatinumCD series DTV transmitters
Circle (176) on Free Info Card

ITELCO USA Inc

303-464-8000

- T-series VHF digital to 30kWrms
Circle (401) on Free Info Card
- DTV solid state translators
Circle (405) on Free Info Card
- Model T610N 8-VSB 1Wrms DTV exciter
Circle (236) on Free Info Card
- Solid state VHF/UHF series 400-30kWrms
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- T-series UHF to 300kW
Circle (398) on Free Info Card
- T-Series VHF to 60kW
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- T-series UHF digital to 100kWrms
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- V-XCAST DVB-T exciter

JC Williamson Technologies

310-273-5079

- STATMON remote facility management

Jampro Antennas Inc

916-383-1177

- JUHD-UHF broadband panel antenna

Ktech Telecom Inc

818-361-2248

- VSB-REM0D-100 8VSB digital translator
- VSB-ENC-200 ATCS-compliant modulator

LARCAN Inc

905-564-9222

- Landmark series UHF transmitters

Moseley Associates

805-968-9621

- MRC-2 remote control

NEC America

888-383-4DTV; 972-751-7246

- DTU/DTV digital TV transmitters

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800-PICKNWL; 609-298-7300
* High voltage power supplies for NTSC/DTV

RFS Broadcast

203-239-3311
* DTV/NTSC antennas

Scala Electronic Corp

541-779-6500
* Broadband UHF panel antennas

Screen Service Italia

+39 03 03730773
* SCY series TV transmitters up to 30kW

Shively Labs

888 SHIVELY; 207-647-3327
* UHF Superturnstile antennas
* NTSC/DTV antennas
* Series 2000 transmit antenna

SIRA Sistemi Radio

+39 02 95742605
* UTU-05/S high power UHF panel antenna

Superior Broadcast Products

800-279-3326; 972-473-2577
* UHF transmitters from 500W to 5kW

SWR

800-762-7743; 814-472-5436
* DTV/NTSC stacked antennas

Technosystem SPA

+39 06 225871
* VHF/UHF Solid State/IOT transmitters

Teko Telecom

+39 05 16257670
* TUBL 1000 UHF 1000W TV transmitter

Thomcast Comm.- Comark Division

413-569-0116
* ULTIMATE UHF LDMOS NTSC/DTV w/DAP
* Advantage UHF IOT DTV w/DAP
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* NK.9 Telescopic Pneumatic Mast
Circle (352) on Free Info Card

* RC-1 Remote control

Circle (520) on Free Info Card
* RPD-1 Rapid deployment
Circle (519) on Free Info Card

Alpha Video & Electronics Co

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* Dream Machine Analog/digital ENG

Beck Associates Inc

888-422-8600; 512-252-7555
* Trucks/mobile units

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* Custom ENG, EFP and SNV vehicles
* Navigator
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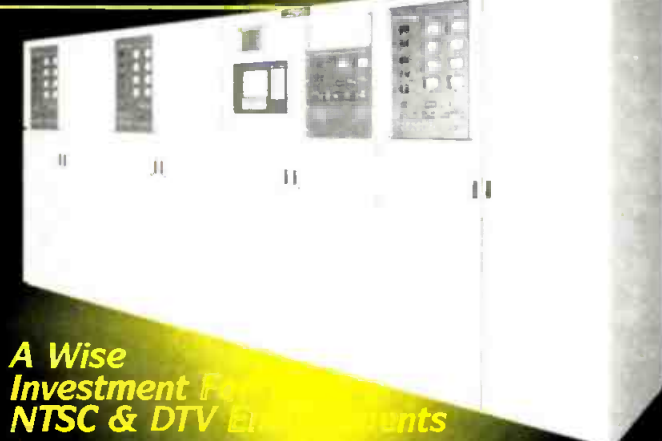
Frontline Communications

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TRG-50	TG-50 features plus Search Speed Reader	\$469
TRG-50PC	TRG-50 features plus RS232 port & Tape Logging Software	\$589
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PWG	Portable Window Generator—Palm-sized (9V)	\$229
PG-2100	Portable Generator—24, 25, 29.97, 30 fps, palm-sized (9V)	\$229
MGW-50	Multiple Window Generator—4 windows from 1 LTC source	\$979
VITC		
VWG-50	VITC Window Generator—VITC Search Speed Reader/Insert	\$329
VWG-50PC	VWG-50 features plus RS232 port & Tape Logging Software	\$449
VG-50	VITC Generator—plus LTC - VITC Translator	\$289
VLT-50	VITC - LTC Translator—Translates at Play & Search Speeds	\$289
VLT-50PC	VLT-50 features plus RS232 port & Tape Logging Software	\$409
AVG-50	Active VITC Generator—Inserts VITC into "active" video	\$289
AVWG-50	Active VITC Window Generator—VITC Search Speed Reader/Insert	\$329
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TR-100	Time Code Reader—LTC Search Speed Reader, 0.8"H display	\$379
TCD-100	Time Code Display—VITC/LTC Reader, 0.8"H display	\$429
VLR-100	VITC LTC Reader—VITC/LTC Reader/LTC Generator, 0.56"H display	\$559
VLR-100PC	VLR-100 features plus RS232 port & Tape Logging Software	\$679
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TCW-50	Time Code Wedge™—Reads LTC into PC via keyboard cable	\$289
FW-50	Film Window—Reads LTC & translates into film foot/frames	\$379
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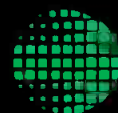
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757-468-0448
TT-3060A Mini-M Satphone
LSS-94429 Solsat satellite phone

Phoenix E.N.G. Inc

513-891-1444
* ENG trucks/satellite trucks

Scientific-Atlanta

770-903-6057
* PowerVU Plus Originator encoder

Shook Electronics USA Inc

888-651-5775; 210-651-5700
* AS-11 DSNG van
* A-11 ENG self-contained
* AS-15 KU/C SNV truck

Wegener Communications Inc

800-848-9467; 770-814-4000
* DVT2000 Flyaway - MPEG-2

Will-Burt

330-682-7015
* Masts

Winemiller Communications

888-244-9207; 717-244-4400
ENG & SAT uplink trucks

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ADC Telecommunications BK2V-ST5

ADC Telecommunications Inc

800-366-3891; 612-938-8080
* BK2V-ST5 Propatch ST-series high definition patchcord (See Photo)
Circle (545) on Free Info Card
TCP-A12 ProAx camera connectors
Circle (546) on Free Info Card
PP12232RS-MVJT-BK Super video panel
Circle (542) on Free Info Card
BK2VX Pro VX-series video patchcord
Circle (544) on Free Info Card

Adrienne Electronics Corp

702-896-1858
PC-VLTC Time code boards for PCs

Audio Accessories Inc

603-446-3335
Line of patch panels

Bittree Inc

800-500-8142; 818-500-8142
* Patch panels

Broadcast Video Systems

905-764-1584
* CVC-21 compressed video captioning
VBI 10 vertical blanking interval bridge

CANARE

818-365-2446
* SMPTE 259M/292M ready patch panels

Canford Audio

+44 1914 181 000
* SDV video patchbay for HDTV to 1.5Gb/s

CPC/Computer Prompting & Captioning Co

800-977-6678; 301-738-8487
CPC V-Chip content rating program

DNF Controls

818-252-0198
* Peripheral bus interface server control for production switchers
Circle (256) on Free Info Card

EEG Enterprises Inc

516-293-7472
* TE500 DTV line 21 transcoder

ESE

310-322-2136
ES-488 SMPTE time code generator, reader, inserter
Circle (296) on Free Info Card
ES-101, -102, -185A GPS master clocks/time code generators
Circle (229) on Free Info Card

Evertz Microsystems Ltd

905-335-3700
* Closed caption equipment

Horita Co Inc

949-489-0240
PR-232 field mini LTC reader/TC-TOOLKIT
Circle (180) on Free Info Card
PG-2100 mini portable time code generator
Circle (380) on Free Info Card
VIC-50 vertical interval cleaner
Circle (230) on Free Info Card

Jensen Transformers

818-374-5858
ISO-MAC VB-1BT/B video over CAT5

Kings Electronics Co Inc

888-909-5551; 803-909-5000
* 7730-2 self-normalling video jack

MicroVideo Ltd

+44 1223 834 119
* A/V-IDENT

Mixed Signals/ULTECH Corp

888-360-0010; 203-735-5805
* DTV 708 closed caption data server

Norpak Corp

613-592-4164
* TES5 serial digital video VBI inserter

Peerless Industries Inc

800-729-0307; 708-865-8870
* TV/monitor mounts & accessories

Prime Image Inc

408-867-6519
Twister

Screen Subtitling Systems

+44 1473 831 700
* Win2020 + Vidcache subtitling workstation

Sierra Design Labs

800-400-8002; 775-831-7837
* Sierra control panel

Softel Ltd

+44 1189 842 151
* Swift PC NT multiformat captioning

Switchcraft Inc

773-792-2700
* Line of video patch panels

Techflex Inc

800-323-5140; 973-300-9242
* Braided expandable sleeving

Tektronix Inc/Measurement Bus

800-426-2200; 503-627-7111
* MTM300 MPEG multistream monitor

TFT Inc

800-347-3383; 408-727-7272
EAS 911, EAS 930A, Safety 1st

Trompeter Electronics Inc

800-982-2629; 818-707-2020
* Patch panels, jacks, cords & connectors
Circle (172) on Free Info Card
* MP20W monitor plug for video patch panels
Circle (431) on Free Info Card
* J214W/J214WT wideband patch jack
Circle (242) on Free Info Card

Video Accessory Corp

800-821-0426; 303-443-4950
Brick Series

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- DVB
- SATELLITE
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- CONDITIONAL ACCESS

www.tandbergtv.com

Tandberg Television provides complete digital broadcasting solutions worldwide for the management and transmission of digital television signals. The recent restructuring combines world class encoding technology with high quality video processing and receiver technologies

Video Compression Equipment

Includes: Compression encoder/decoders; Compression pre-processors; MPEG bitstream splicers; Statistical multiplexers; Video compression systems; Video noise reduction systems

BARCO

800-992-5016; 770-590-3600
* RE 4220 MPEG-2 decoder for HD/DTV
* RE 4221 DSNG encoder/modulator
* POLARIS MPEG-2 encoder & decoder
Pegasus MPEG-2 multiplexer
* PICTOR encoder HD encoder

Digital Vision Inc

888-914-5200; 310-914-5200
* BitPack MPEG2 authoring workstation

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e-mail: svgsn@aol.com

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Fax (+ 1) 516 6 23-68 44
e-mail: sachtlerUS@aol.com

Sachtler, Tokyo Office
電話 (+ 3) 3413-1212
Fax (+ 3) 3413-0888
e-mail: amicsac@aol.com

www.sachtler.de



sachtler
Support & Lighting

Circle (135) on Free Info Card

www.americanradiohistory.com

Product Directory

Divicom

- 877-348-4266; 408-490-6560
- * MediaView MV12 SD program encoder
 - * MediaNode MN20 remultiplexer
 - * MediaView MV40 SD program encoder
 - * MediaView MV400 high-definition encoder
 - * ProView PV1200 commercial IRD
 - * MediaView MV45 SD program encoder

ECI Telecom

- +972 3 926 6844
- * mini Hi-TV and Hi-TV

Extron Electronics

- 800-633-9876; 714-491-1500
- EQ 100 Video EQ
- Circle (318) on Free Info Card

General Instrument Corp

- 888-800-8346; 858-455-1500
- * DigiCipher II Commercial HD decoders
 - * DigiCipher II ATSC HD encoder
 - * DigiCipher II Commercial SD decoders
 - * DigiCipher II Multichannel SD encoder

InnovaCom

- 888-464-6734; 408-727-2447
- TRANSPER T1/E1/ATM network systems

Intelvideo Inc

- 203-348-9229
- * VP3000 pre-compression processor

Leitch Incorporated

- 800-231-9673; 757-548-2300
- Lynx 10-bit noise reducer
- Circle (494) on Free Info Card
- DigiBus Noise reduction module
- Circle (471) on Free Info Card

LEL Computer Systems

- 561-347-2242
- Video Pipeline
 - Video Pipeline/CC
 - Video Pipeline/IP
 - Video Pipeline-2 MPEG-2 system

LNR Communications Inc

- 888-LNR-7858; 516-273-7111
- * Digital video exciter
 - DVE-100 modulator/upconverter

Omneon Video Networks

- 408-558-2101
- * Omneon Video Area Network
- Circle (246) on Free Info Card

Optibase Inc

- 800-451-5101; 408-260-6760
- MPEG MovieMaker 200

PixStream

- 519-884-4196
- * VDS5000 professional video networking

Scientific-Atlanta

- 770-903-6057
- * PowerVu IP video compression system
 - * PowerVu Plus BitMixer stat-mux
 - * PowerVu Plus multiple decryption receiver
 - * PowerVu Plus digital video compression
 - * PowerVu Plus Originator encoder

Snell & Wilcox

- +44 1730 821 188
- * MOLE technology

Softel Ltd

- +44 1189 842 151
- * SE4000 MPEG test & replay products

Stradis Inc

- 770-621-0625
- MPEG video decoder with SMPTE 259M

Tandberg Television Inc

- 949-725-2500



- Tandberg Television E5820
- * E5820 ATSC encoder (See Photo)
 - Circle (436) on Free Info Card
 - MPEG encoders, com/pro receivers
 - Circle (192) on Free Info Card
 - * Digital ENG MPEG-2 encoder
 - Circle (435) on Free Info Card
 - * Seamless MPEG splicing
 - Circle (237) on Free Info Card
 - * Series 5000 encoding/decoding system
 - Circle (247) on Free Info Card
 - * Reflex Stat-Mux
 - Circle (193) on Free Info Card

Thomson Broadcast

- 201-569-1650
- * DBE 4120 contribution encoder

Tieman Communications

- 800-323-0252; 858-587-0252
- * TDR600 4:2:2 and 4:2:0 MPEG-2 IRD
 - Circle (337) on Free Info Card
 - * TE300A MPEG-2 4:2:0 encoder
 - Circle (469) on Free Info Card
 - * TDR6 SDTV/HDTV receiver/decoder
 - Circle (336) on Free Info Card
 - * THE1 HDTV/SDTV encoder
 - Circle (332) on Free Info Card
 - * TE60 Modular 4:2:0 and 4:2:2 encoder
 - Circle (334) on Free Info Card
 - * TE600 MPEG-2 DSNG encoder
 - Circle (335) on Free Info Card
 - * THE 10 HDTV/ATSC broadcast encoder
 - Circle (333) on Free Info Card

Vela Research

- 727-507-5300
- * Argus 4:2:2 MPEG-2 encoder
 - CineCast Quad SCSI-2 MPEG-2 decoder
 - * Cineview Pro PCI based MPEG-2 decoder

Vibrant Technologies

- 781-275-4088
- * Mpression MPEG 4:2:2 encoding server

Video International Development

- 516-243-5414
- * MNR 340 noise reducer

Wegener Communications Inc

- 800-848-9467; 770-814-4000
- * DV-2000 and DVE-2000 MPEG 2 encoder
 - * DVM-2000 Multiplexer - 10 Channel

Video Editing Systems

Includes: Editing systems and components

Addenda Electronics

- 877-ADDENDA; 831-372-6205
- * Rosetta Stone RS-422 adapters

Applied Magic

- 888-624-4255; 760-931-6417
- ScreenPlay nonlinear editing system

Avid Technology

- 800-949-AVID; 978-640-6789
- * NewsCutter Version 1.5

Blossom Technologies

- 305-266-2800
- Blossom Real Time Fury family Fury LX, SX

Digital Processing Systems/DPS

- 800-775-3314; 606-371-5533
- * dpsVelocity Non-linear editing system
- Circle (532) on Free Info Card

Editing Technologies Corp

- 818-840-1101
- * Ensemble Gold multilinear/nonlinear

Editware

- 530-477-4300
- * DPE-531, 541, 551 editing systems

Eidos Technologies

- +44 1816 363 000
- Judgement

Fast Multimedia

- 800-249-FAST; 425-354-2002
- * 601 MPEG-2 NLE with DVD output

Incite Multimedia Corp

- 800-641-7322; +41 22 308 57 57
- * Incite editors and software

JL Cooper Electronics

- 310-322-9990
- MCS-3000 series media command stations

JVC Professional Products Co

- 800-JVC-5825; 973-315-5000
- * MW-S1000U hybrid non-linear system

Matrox - Video Products Group

- 800-361-4903; 514-685-2630 x 2636
- DigiSuite real-time, nonlinear platform
 - * DigiSuite DTV real-time, nonlinear DV

Media 100

- 508-460-1600
- Systems for Windows & Macintosh

Miles

- +44 1635 552 524
- * M57 safe area inserter

Panasonic Broadcast

- 800-528-8601; 323-436-3500
- AJ-LT75 All-in-one DVCPRO laptop editor
 - DVEDIT DVCPRO-based NLE editing
 - POSTBOX 4.0 digital NLE editing

Pinnacle Systems

- 650-526-1600
- RealTime interface option
 - Circle (403) on Free Info Card
 - DC1000 MPEG-2 nonlinear editing system
 - Circle (414) on Free Info Card
 - ReelTime Nitro Real-time online editing
 - Circle (363) on Free Info Card
 - MiroVideo DC50 video editing solution
 - Circle (249) on Free Info Card
 - DV/1394
 - Circle (300) on Free Info Card

Pixelan Software

- 360-647-0112
- * Video SpiceRack PRO

Sony Electronics

- 800-686-SONY
- DNE-700/1000 NLE for news

United Media Inc

- 714-777-4510
- * On-Line Express DTV-realtime MPEG NLE

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The modular design of the STarLink™ Series Transmitter and STarLink™ Series Receiver Systems allows for the flexible configuration of an STL/TSL/ICR system. The product is capable of analog, digital, combined analog/digital or heterodyne operation and can be easily upgraded between each. The 4 RU VME chassis can house up to two transmitters or receivers in various combinations to allow for simplex, duplex, or hot standby and baseband diversity systems. All active modules are plug accessible through the hinged front panel. A microprocessor controller allows for remote monitoring of internal functions. Discrete logic provides alarms. The system is available at frequencies from 2 to 15 GHz. The RF antenna connection on the rear panel is available with waveguide, Type N or SMA connectors. Whenever the transmitter is configured for digital operation, the RF output power is typically 5 dB lower than in analog mode. Typical power outs are 6 W @ 7 GHz and 1 W @ 13 GHz in analog mode.

Circle (159) on Free Info Card

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Product Directory

Vibrant Technologies

781-275-4088
* Mpression News Edit

Videomedia Inc

800-YES-VLAN; 408-227-9977
* V-LAN interfaces
OZ-PCE linear online editing system



Zandar Technologies
www.zandar.com
Multiviewer systems for CATV Barker channels, Multichannel monitoring, Multimedia displays. Features up to 6, 16 or 64 pictures, Page Scheduler & Sequencer, text, label & logo insertion, picture re-size/position/crop, Tally & UMD, RS232/Ethernet.

Video Monitors, Projectors & Accessories

Includes: CRT projectors; DLP projectors; Event controllers; Light valve projectors; Line doublers/quadruplers; Plasma displays; Video monitor parts and accessories; Video monitors; Video presentation equipment

BARCO

800-992-5016; 770-590-3600
* HDM 5049 17" high definition monitor

Chatani (USA) Inc

800-242-8264; 212-421-8473
DL X10 1000 ANSI lumen XGA 9.9lbs

Christie Digital Systems

800-265-2171; 519-744-7111
VistaGRAPHX Rodie (8000 & 10K)

Clarity Visual Systems

503-570-0700
WN-5230-S DLP rear-projection display

Da-Lite Screen Company Inc

800-622-3737; 219-267-8101
* Image fixed wall screen

Davis North America

800-242-8264; 508-786-0690
DL 450, DLX 650, DL 58, DLX 10

Extron Electronics

800-633-9876; 714-491-1500
Lancia
Circle (468) on Free Info Card
SS 200 Sync processor
Circle (458) on Free Info Card

Faroudja Laboratories Inc

408-735-1492
* DVP3000/DVP3000U video processor
* DVP2200 Digital video processor

General Video Corp (GVC)

800-482-0075; 215-536-1900
P4130 SVGA - Stackable Cube

Hoodman Corp

800-818-3946; 310-379-6391
H789S-H1721 monitor hoods

JVC Professional Products Co

800-JVC-5825; 973-315-5000
* DT-V2000SU multiformat HD monitor

Monivision/Chun Yun

714-893-8113
* DM5948S XGA monitor and sub-woofer

Navitar

800-828-6778; 716-359-4000
Camera stand

Princeton Graphics

800-747-6249; 714-751-8405
* AF3.0HD 30-inch viewable HD monitor

SIM2 Multimedia

+39 04 34383256
SDV52 DLP cube and digital processor

Sony Electronics

800-686-SONY
PFM-500A2WU Plasma display

WolfVision Inc

800-356-WOLF; 650-802-0786
VZ-47 Visualizer 3-CCD SVGA camera

Zandar Technologies

408-782-9725
* DMX-16 (16-input) digital multiviewer
Circle (512) on Free Info Card
VMX16, VMX-6 MultiViewer display systems
Circle (344) on Free Info Card



VIDEOTEK
A Zero Defects Company
www.videotek.co.uk
Videotek, Inc. is a leading manufacturer of test/measurement equipment, video de-modulators, routing switchers, color correctors and processors, related equipment for professional video and television broadcast markets. Videotek is committed to Zero Defects and is ISO 9001 certified.

Video Routing & Distribution

Includes: Control signal routers/patch panels; Video DAs; Video processing amplifiers; Video routing switchers

AJA Video

800-251-4224; 530-274-2048
* HD5DA HD 1x4 serial DA
Circle (372) on Free Info Card

Arcatron Inc

602-843-2589
* Controlynx control systems

Beck Associates Inc

888-422-8600; 512-252-7555
SCP-10 and SCR 4x8

BUF Technology

858-451-1350
* BUFRUTE routing switcher control

Burst Electronics Inc

505-898-1455
VS 8x8 video crosspoint switch

Chyron Corp

516-845-2000
* 16x2 routers

Datatek Corp

800-882-9100; 908-654-8100
* D2600/2800 digital video routers

Di-Tech Inc

516-667-6300
* 1504/1508 HD 12x4 and 12x8 matrix

DNF Controls

818-252-0198
* SW16x32 RS422 port switcher
Circle (292) on Free Info Card
* ST300, ST400 VTR/DDR/slow-mo controller
Circle (248) on Free Info Card

ESE

310-322-2136
ES-207A 1x4 Video DA
Circle (294) on Free Info Card

Evertz Microsystems Ltd

905-335-3700
* 7705EO-HD, 7705OE-HD DAs

Extron Electronics

800-633-9876; 714-491-1500
* 3200 series Matrix switchers
Circle (312) on Free Info Card
* 6400 series Matrix switchers
Circle (315) on Free Info Card
* CrossPoint 1616 series Matrix switchers
Circle (244) on Free Info Card
P/2 DA PLUS series VGA/XGA DAs
Circle (320) on Free Info Card

FM Systems Inc

800-235-6960; 714-979-3355
* VFD571 freeze frame detector

For-A Corporation of America

352-371-1505
LDR-200 live digital recorder
* DCC-700 digital color corrector

Grass Valley Group

800-998-3588; 800-547-8949
* Profile VideoGateway (specialized video IP router)
Circle (340) on Free Info Card
* Performer Compact routing system (10x1)
Circle (342) on Free Info Card
* MAX 9000 Digital modular series
Circle (339) on Free Info Card
* Series 7000 Signal Management System
Circle (341) on Free Info Card
* 8900 Modular series
Circle (535) on Free Info Card

Image Video

416-750-8872
* XDS1601 16x1 serial digital router

Knox Video

301-840-5805
Chameleon HB expandable router

Near Video on Demand couldn't be more simple

Irdeto Access presents a total NVOD solution in a box



Finally NVOD isn't complex anymore. Irdeto Access introduces Oscar, the simplest and most complete NVOD solution - in one single box. Oscar is a plug-and-play box, filled with the latest digital technology. It allows you to combine streaming video with promotion (EPG) and protection (CA). And it offers you a one-stop solution for all your NVOD demands. All this at unbelievable low cost of ownership, minimising the risk of your investment. As you might suspect, Oscar is a little miracle.

Product Directory



Leitch Integrator

Leitch Incorporated

800-231-9673; 757-548-2300

- * HDTV Glue HD DA
Circle (422) on Free Info Card
- * BO/S
Circle (250) on Free Info Card
- * HD XPRESS 12x2 HDTV routing switcher
Circle (474) on Free Info Card
- * Integrator
Circle (322) on Free Info Card
- * Integrator 16x16 and 128x128 HD routers
(See Photo)
Circle (223) on Free Info Card

Lighthouse Digital Systems Inc

800-323-8287

- * HDTV router

MicroVideo Ltd

+44 1223 834 119
Digital Proc Amp

Miranda Technology

514-333-1772

- * SDA-802I HD reclocked digital video DA
Circle (560) on Free Info Card
- * SDA-801I HD digital video DA
Circle (541) on Free Info Card

Multidyne Video & Fiber Optic Systems

800-4TV-TEST; 516-671-7278

- VDA8505 Field DA w/3500ft EQ
Circle (360) on Free Info Card
- VAGC-100/VAGC-200 Video automatic gain
Circle (417) on Free Info Card
- * DTV-200 Modular video DA & fiber optics
Circle (416) on Free Info Card

Network Electronics AS

800-877-8273; +47 33 48 99 99
PRO XL series of 32x32 routers

NVISION Inc

800-719-1900; 530-265-1000

- * Envy router control system
- * enVoy series universal digital routers
- * 1.5Gb/s video DAs for 4000 Series

Opamp Labs Inc

323-934-3566

- VA-32 1-in/32-out video/audio press feed

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PESA Switching Systems Tiger 144x144

PESA Switching Systems

800-328-1008; 516-845-5020

- * Jaguar 64x64 digital or analog matrix
Circle (465) on Free Info Card
- * Bobcat 16x2 digital/analog matrix
Circle (232) on Free Info Card
- * Tiger 144x144 Digital and/or analog matrix
(See Photo)
Circle (239) on Free Info Card
- * 3500PLUS 16 level Windows control system
Circle (305) on Free Info Card
- * e-Route Client/server browser-based controller
Circle (499) on Free Info Card
- * SVDA 3001/2 1x8 DA
Circle (306) on Free Info Card
- * Cougar 32x32 digital or analog matrix
Circle (466) on Free Info Card
- * Ocelot HD 16x8/16 matrix
Circle (460) on Free Info Card
- * LNS-8 Live News Switcher 8x2 HD or SD matrix
Circle (241) on Free Info Card
- * DCS4000 3RU universal card frame
Circle (480) on Free Info Card

Philips Digital Video Systems

800-962-4287; 818-729-7700

- Venus 2001 modular universal router

Quartz Electronics

+44 1189 350 200

- Quartz controllers

Ross Video Ltd

613-652-4886

- RossGear terminal equipment, video DAs
Circle (288) on Free Info Card
- AVS-8064 AES/analog video switcher
Circle (423) on Free Info Card

Sierra Video Systems Inc

530-478-1000

- * Video & audio DAs
- * Shasta & Tahoe Series midsize routers
- * Yosemite 64x64 to 128x128 router

Sigma Electronics

717-569-2681

- HPX high performance 8x8 to 16x16 router
- * ADX large matrix, 16x16 to 128x128 router
- * DVS-1616 16x16 serial digital router
- * SLX series routing switchers
- * Series 2100 routing switchers

Snell & Wilcox

+44 1730 821 188

- HD1132/HD1116 video routers

Sony Electronics

800-686-SONY

- Line of routing and distribution products

TecNec

800-543-0909; 914-246-0428

- Route 4 router for nonlinear editing

Television Equipment - Matthey/ Metawave

914-278-0960

- * Metawave MX32 32x32 serial digital router

Utah Comteck Video Inc

801-524-9999

- AVS-1B & AVS-2 routers

Vela Research

727-507-5300

- Intelligent Distribution series

Video Accessory Corp

800-821-0426; 303-443-4950

- XBVB/VDA
VB/4x1 4x1 video switch
- EQVB/VDA-XL

Videoframe

530-477-2000

- * Tally Mapper tally mapping and routing unit



Videotek DL-810/800

Videotek Inc

800-800-5719; 610-327-2292

- * SDC-831 digital color corrector/legalizer
Circle (426) on Free Info Card
- * Single bus/matrix routers analog/digital
Circle (350) on Free Info Card
- * DPA-100 and SDC series of proc amps and color correctors
Circle (349) on Free Info Card
- * RS-12HD HD video routing switcher
Circle (425) on Free Info Card
- * RS-12DVA, RS-12DV/EAM, RS-12MPEG and RS-12HD
Circle (299) on Free Info Card
- * DPA-90 digital processing amplifier
Circle (427) on Free Info Card
- * DL-810/800 Serial digital video legalizers
(See Photo)
Circle (199) on Free Info Card

Video Servers & Storage

Includes: Commercial insertion equipment/software; On-air presentation systems; Still/clip stores; Tape library systems; Video servers; VTRs (video tape recorders)

Accom Inc

650-328-3818

- * APR Attache digital disk recorder
- * Abekas 6000 MultiFlex DTV server

Alcorn McBride Inc

407-296-5800

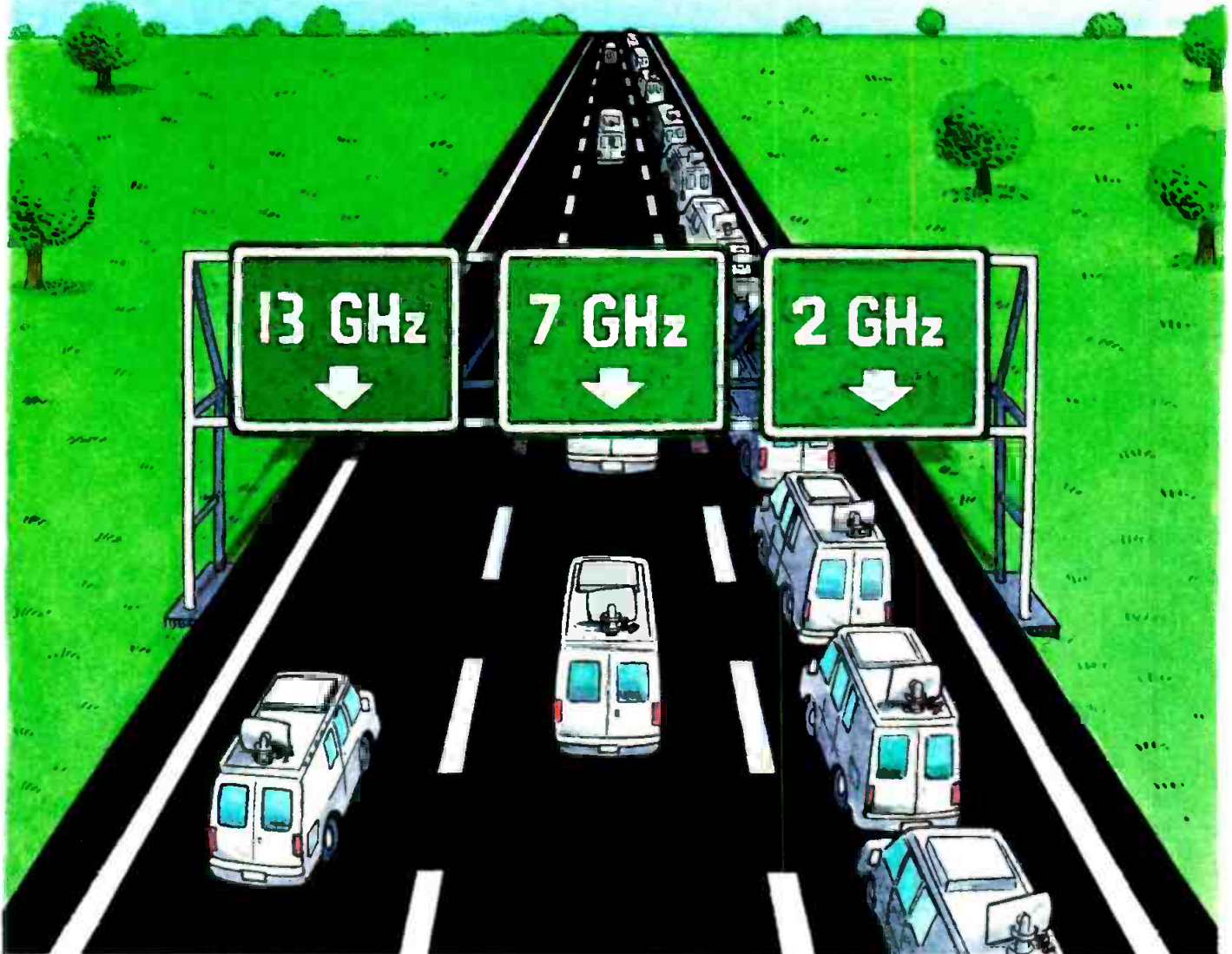
- * Digital Video Machine HD & HD Max

Applied Digital Technology

352-338-0516

- * Adnet Video server

ENG Congestion Ahead



NSI opens up more lanes for ENG traffic.



Daily ENG operations are in jeopardy. The 2 GHz ENG band is overcrowded and the FCC mandated spectrum reallocation will narrow the band and increase congestion.

NSI triple band systems open up more lanes for ENG traffic. Operating at 2, 7 and 13 GHz, our equipment provides the flexibility required for successful ENG coverage in a frequency congested world.

Specify



For additional information about our triple band ENG solution, call 1-800-SPEC NSI.

Tel: 410-964-8400
Fax: 410-964-9661
<http://www.nsystems.com>

Product Directory

Aston Electronic Designs

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- * Concept Clip Video and audio clip-store

Avid Technology

800-949-AVID; 978-640-6789

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Concurrent Computer Corporation

877-XSTREME; 678-258-4000

- * MediaHawk VOD servers

DNF Controls

818-252-0198

- * 4000CL-X Clip management system
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- * 2000CL 200 clip instant access system
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Doremi Labs Inc

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- * V1 digital random access video recorder

Drastic Technologies

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- * VVW 3000 dual channel JPEG
- * VVW 5000 digital acquisition for broadcast
- * VVW 1700 Single channel JPEG

DVS Digital Video Inc

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- * ProntoServer uncompressed D1/D5 server

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Fast Forward Video

949-852-8404

- * Omega Deck DDR



Grass Valley Group Profile XP

Grass Valley Group

800-998-3588; 800-547-8949

- * Profile XP Media platform (See Photo)
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JVC Professional Products Co

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- * BR-D92 and BR-D52 Digital-S studio VTRs
- * BR-D40 Digital-S dockable recorder
- * BR-D51 Digital-S/SVHS player
- * BR-D750U Digital-S recorder
- * BR-D350 Player

Ktech Telecom Inc

818-361-2248

- * TSS-100 MPEG-2 transport stream spooler

Leightronix

517-694-8000

MVP-2000 digital video player



Leitch VR 420

Leitch Incorporated

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VR 420 MPEG-2 broadcast server
(See Photo)

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MediaCube4

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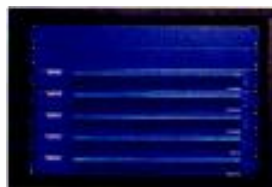
609-799-5071

Media library system

Odetics Broadcast

714-774-2200

- * TCS90-PRO videotape library system
- * TCS45-PRO DVCPro video library



Omneon Omneon Video Area Network

Omneon Video Networks

408-558-2101

Omneon Video Area Network (See Photo)

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Philips Digital Video Systems

800-962-4287; 818-729-7700

- * Media Pool digital video server



Pinnacle Thunder MCS 4000

Pinnacle Systems

650-526-1600

- * Thunder MCS 4000 Multichannel video server (See Photo)

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- * MCS 2000 Multichannel video server

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Pluto Technologies

303-402-9000

- * SPACE Shift HD video delay system
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- * SpiDDR intelligent video/data handling

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- * Newstore with DVE and NLE

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- * FibreRAID HDDS digital storage solution
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Vela Research

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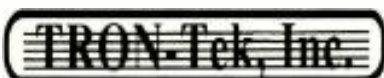
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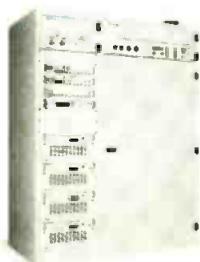


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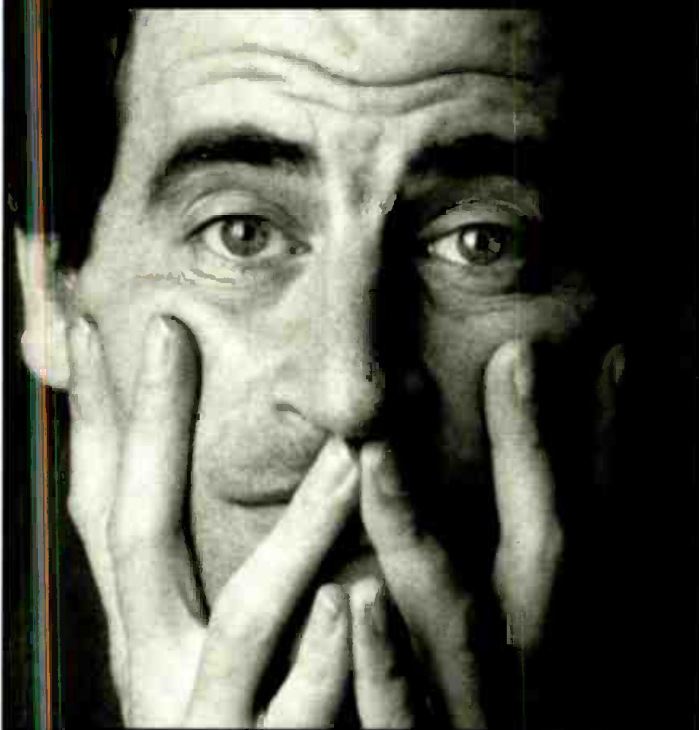
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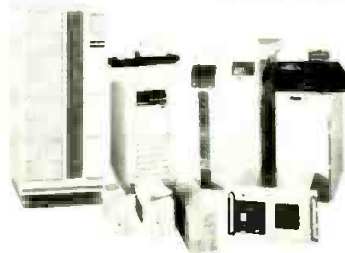
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Alcorn McBride Inc

3300 S Hiawassee Bldg 105
Orlando, FL 32835
407-296-5800
Fax: 407-296-5801
www.alcorn.com
dave@alcorn.com

Alien Skin Software

1100 Haynes St Ste Zero
Raleigh, NC 27604
888-921-SKIN; 919-832-4124
Fax: 919-832-4065
www.alienskin.com
alien-skin@alienskin.com

Allen Osborne Associates

756 Lakeland Road Unit J
Westlake Village, CA 91361
805-495-8420
Fax: 805-373-6067
www.aos-qps.com
See our products in the following
categories: Vehicles (p.68)

Manufacturers/Dealers

Allied Tower Company

2525 South Shore Blvd Suite 420
League City, TX 77573
800-332-0025; 281-535-0501
Fax: 281-535-0498
alliedtower.com

See our products in the following categories: RF Components (p.50)

Alpha Video & Electronics

20C Keystone Dr
Carnegie, PA 15106
412-429-2000
Fax: 412-429-2015
www.avecENG.com
avec@avecENG.com

Altinex Inc

592 Apollo Streett
Brea CA 92821
800-ALTINEX; 714-990-2300
Fax: 714-990-3303
www.altinex.com
solutions@altinex.com

Amazon/Interactive Effects

PO Box 51270
Irvine, CA 92619
714-247-1200
Fax: 714-573-9424
www.ifx.com
info@ifx.com

AMCO Engineering Co

3801 N Rose St
Schiller Park, IL 60176
800-333-3156; 847-671-6670
Fax: 847-671-9469
www.amcoengineering.com

Ampex Corporation

500 Broadway
Redwood City, CA 94063
800-752-7590; 650-367-2011
Fax: 650-367-2841
www.ampexdata.com
dstsales@ampexdata.com

AMS Neve PLC

100 6th Ave 5th Floor
New York, NY 10013
888-888-6383; 212-965-1400
Fax: 212-965-3739
www.ams-neve.com
enquiry@ams-neve.com
International Address
Billington Road
Burnley, Lancaster, BB11 5UB En-
glanc
+44 1282 457 011
Fax: +44 1282 417 282

Analog Way

75 Maiden Lane
New York, NY 10038-4810
212-269-1902
Fax: 212-269-1943
www.analogway.com
jguerras@analogway.com

Anchor Communications

3415 W Lomita Blvd
Torrance, CA 90505
800-262-4671; 310-784-2300
Fax: 310-784-0533
www.anchoraudio.com

Andrew Corporation

10500 W 153RD St
Orland Park, IL 60462
800-DIAL-4-RF; 708-349-3300
Fax: 708-349-5444
www.andrew.com
See our products in the following categories: Microwave & Fiber (p.40); RF Components (p.50); Satellite Equipment (p.52); Transmitters (p.66)

Angenieux

40 G Commerce Way
Totowa, NJ 07511
973-812-3858
Fax: 973-812-3858
www.angenieux.com
civ.sales @angenieux.com
International Address
Saint Heand, F-42570 France
+33 47790 78 00
Fax: +33 47790 78 03

Antenna Concepts Inc

6601C Merchandise Way
Diamond Springs, CA 95619
530-621-2015
Fax: 530-622-3274
www.antennaconcepts.com

Antenna ID Products

22 Bryan Wynd
Glenmoore, PA 19343
610-458-8418
Fax: 610-458-8418
antennaid@aol.com

Antex Electronics

1125 W 190th St
Gardena, CA 90248
800-338-4231; 310-532-3092
Fax: 310-532-8509
www.antex.com

Anthro Corp

10450 SW Manhasset Dr
Tualatin, OR 97062
800-325-3841; 503-691-2556
Fax: 800-325-0045
www.anthro.com
sales@antro.com

Anton/Bauer Inc

14 Progress Drive
Shelton, CT 06484
800-422-3473; 203-929-1100
Fax: 203-925-9935
www.antonbauer.com
websales@antonbauer.com

Anvil Cases

15650 Salt Lake Ave
City of Industry, CA 91745
800-359-2684; 626-968-4100
Fax: 818-968-1703
www.anvilcase.com
anvil@anvilcase.com

Applied Digital Technology

3622 NE 4th St
Gainesville, FL 32609
352-338-0516
Fax: 352-338-1108
www.applied-digital.com

Applied Magic

6078 Corte Del Cedro
Carlsbad, CA 92009
888-624-4255; 760-931-6417
Fax: 760-931-6440
www.applied-magic.com

APW Enclosure Products - Stantron

28545 Livingston Ave W
Santa Clarita, CA 91355
800-821-0019
www.apw-enclosureproducts.com

APW Zero Cases

500 W 200 N
North Salt Lake, UT 84054
800-416-9025; 801-299-7354
Fax: 801-299-7350
www.zerocases.com
sales@zerocases.com

Arcatron Inc

3641 W Phelps Road
Phoenix, AZ 85053
602-843-2589
Fax: 602-843-6706
www.arcatron.com
bginger@arcatron.com

Archion

4235 Maryellen Avenue Ste 302
Studio City, CA 91604
818-655-2222
Fax: 818-655-2233
www.archion.com
info@archion.com

Arrakis Systems

2619 Midpoint Drive
Fort Collins, CO 80525
970-224-2248
Fax: 970-493-1076
www.arrakis-systems.com
sales@arrakis-systems.com

ARRI USA Inc

617 Route 303
Blauvelt, NY 10913
914-353-1400
Fax: 914-425-1250
www.arri.com
arriflex@arri.com(cameras),
lighting@arriflex.com

Artbeats Software Inc

1405 N Myrtle Rd Ste 5
Myrtle Creek, OR 97457
800-444-9392; 541-863-4429
Fax: 541-863-4547
www.artbeats.com
info@artbeats.com

Artel Video Systems Inc

237 Cedar Hill Street
Marlborough, MA 01752
800-225-0228; 508-303-8200
Fax: 508-303-8197
www.artel.com
marketing@artel.com

ASACA/ShibaSoku Corp of America

426 West Florence Avenue
Inglewood, CA 90301
800-423-6347; 310-672-6765
Fax: 310-672-3665
www.shibasoku.co.jp
asc_us@pacbell.net

Ashly Audio

847 Holt Road
Webster, NY 14580-9103
800-828-6308; 716-872-0010
Fax: 716-872-0739
www.ashly.com
info@ashly.com

Aspen Electronics

5152 Bolsa #103
Huntington Beach, CA 92649
714-379-2515
Fax: 714-379-2517
www.aspenelectronics.com

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Washington, DC 20006-1253
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Deepcut Camberley
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Fax: +44 1252 837 923
www.astondes.com
sales@astondes.com

Astre Systems

1046 Reno Ave
Modesto, CA 95351
800-949-3127; 209-575-1000
Fax: 209-575-0322
www.AstreSystems.com

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Astro Systems Inc

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Glendale, CA 91201
818-244-1806
Fax: 818-244-1878
www.astro-systems.com
info@astro-systems.com

ATI-Audio Technologies Inc

328 W Maple Ave
Horsham, PA 19044
800-959-0307; 215-443-0330
Fax: 215-443-0394
www.atiguys.com
les@atiguys.com

Atlantic Satellite Communications Inc

240 Pegasus Ave
Northvale, NJ 07647
201-784-0555
Fax: 201-784-2892
www.atlsat.com
fluperella@wtfrnt.com

ATTO Technology

40 Hazelwood Drive Suite 106
Amherst, NY 14228
716-691-1999
Fax: 716-691-9353
www.attotech.com
dforucchi@attotech.com

Manufacturers/Dealers

Audio Accessories Inc

25 Mill St
Marlow, NH 03456
603-446-3335
Fax: 603-446-7543
www.patchbays.com

Audio Developments Ltd

Hall Lane Walsall Wood
Walsall, WS9 9AU England
+44 1543 375 351
Fax: +44 1543 361 051
www.audio.co.uk
sales@audio.co.uk

Audio Follow

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Paris Cedex 18, F75886 France
+33 1 46 07 26 26
Fax: +33 1 46 07 00 26
www.audiofollow.fr
contact@audiofollow.fr

Audio Precision

PO Box 2209
Beaverton, OR 97075-2209
800-231-7350; 503-627-0832
Fax: 503-641-8906
www.audioprecision.com
sales@audioprecision.com

Audio-Technica US Inc

1221 Commerce Drive
Stow, OH 44224
330-686-2600
Fax: 330-686-0719
www.audio-technica.com
pro@atus.com

Audioarts Engineering

600 Industrial Drive
New Bern, NC 28562
252-638-7000
Fax: 252-637-1285
www.wheatstone.com
sales@wheatstone.com

Audiolab Electronics Inc

5831 Rosebud Lane Bldg C
Sacramento, CA 95841
800-624-1903; 916-348-0200
Fax: 916-348-1512
www.audiolabelectronics.com
info@audiolabelectronics.com

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252-638-7000
Fax: 252-637-1285
www.auditronics.com
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Coronado, CA 92178-0698
619-297-2820
Fax: 619-296-8734

auto.des.sys Inc

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614-488-8838
Fax: 614-488-0848
www.formz.com
formz@formz.com

AVCOM of Virginia Inc

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Richmond, VA 23236
804-794-2500
Fax: 804-794-8284
www.avcomofva.com
sales@avcomofva.com

Avid Technology

One Park West
Tewksbury, MA 01876-1282
800-949-AVID; 978-640-6789
Fax: 978-851-0418
www.avid.com

Avitel Inc

3678 W 2100 S
Salt Lake City, UT 84120
801-977-9553
Fax: 801-977-9674
www.avitel.co.uk
International Address
#6 Croydon Rd/Indus Estate
Kent, BR3 4BY England
+44 1816 553 200
Fax: +44 1816 550 509

Avocet Instruments Inc

7799 SW Cirrus Dr
Beaverton, OR 97008
800-443-0728; 503-671-9424
Fax: 503-671-9626
www.avocetinst.com
ericl@avocetinst.com

AVR Communications Limited

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403-251-0707
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www.avr-ca.com
ricew@cadvision.com

AVS Graphics International

3406 South 1400 West
Salt Lake City, UT 84119
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www.avsg.co.uk
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International Address
5 Mead Lane
Farnham, Surrey, GU9 7DY England
+44 1990 003 220
Fax: +44 1990 003 203

Avtek Systems

3 Fox Run
Sterling, MA 01564
800-423-0913; 978-422-3466
Fax: 978-422-5258
patb@ultranet.com

Axon Digital Design BV

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NL-5071 NT Udenhout, Netherlands
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Franklin Square, NY 11010
516-328-7500
Fax: 516-328-7506
www.azdencorp.com
azdenus@aol.com

B&H Photo

420 Ninth Ave
New York, NY 10001
800-947-9928; 212-444-5028
Fax: 212-444-5001
www.bhphotovideo.com

BAF Satellite & Technology Corp

200 South Harbor City Blvd Suite
201
Melbourne, FL 32901
800-966-2239; 407-255-5500
Fax: 407-729-0866
www.bafsat.com
info@bafsat.com

Band Pro Film/Video

3403 W Pacific Ave
Burbank, CA 91505
888-BANDPRO; 818-841-9655
Fax: 818-841-7649
www.bandpro.com
sales@bandpro.com

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3240 Town Point Drive
Kennesaw, GA 30144
800-992-5016; 770-590-3600
Fax: 770-590-3610
www.barco.com

BBC Resources - Projects

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+448700100883; +441815 767121
Fax: +44 1815 761 272
www.bbcresources.com

Beck Associates Inc

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Pflugerville, TX 78660-2001
888-422-8600; 512-252-7555
Fax: 512-670-4390
www.becktv.com
jennifer@becktv.com

Belar Electronics Lab Inc

119 Lancaster Ave (Box 76)
Devon, PA 19333
610-687-5550
Fax: 610-687-2686
www.belar.com
sales@belar.com

Belden Wire & Cable Company

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Richmond, IN 47374-1980
800-BELDEN1; 765-983-5200
Fax: 765-983-5294
www.belden.com
info@belden.email.com

Benchmark Media Systems

5925 Court St Rd
Syracuse, NY 13206-1707
800-262-4675; 315-437-6300
Fax: 315-437-8119
www.benchmarkmedia.com

Berkeley Nucleonics Corp

3060 Kerner Blvd #2
San Rafael, CA 94901-5418
415-453-9955
Fax: 415-453-9956
www.berkeleynucleonics.com

Bescor Video

244 Route 109
Farmingdale, NY 11735
800-645-7182; 516-420-1717
Fax: 516-420-0106
www.bescor.com
info@bescor.com

beyerdynamic

56 Central Ave
Farmingdale, NY 11735
800-293-4463; 516-293-3200
Fax: 516-293-3288
www.beyerdynamic.com

Bi-Tronics Inc

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Hawthorne, NY 10532
800-666-0996; 914-592-1800
Fax: 800-569-4244
www.bi-tronics.com

Bird Electronic Corp

30303 Aurora Rd
Solon, OH 44139-2794
440-248-1200
Fax: 440-248-5426
www.bird-electronic.com
sales@bird-electronic.com

Bittree Inc

600 W Elk Avenue
Glendale, CA 91204
800-500-8142; 818-500-8142
Fax: 818-500-7062
www.bittree.com
sales@bittree.com

Blossom Technologies

5555 West Flagler Street
Miami, FL 33134
305-266-2800
Fax: 305-261-2544
www.blossomvideo.com

Blueline Technology Inc

650 S Edmonds Lane #100
Lewisville, TX 75067
800-905-2583; 972-353-2583
Fax: 972-353-5366
www.BlueLineTech.com
sales@bluelinetech.com

Bogen Photo Corp

565 E Crescent Ave
Ramsey, NJ 07446
201-818-9500
Fax: 201-818-9177
www.bogenphoto.com
info@bogenphoto.com
See our products in the following categories: Audio Accessories (p.12); Camera Support (p.22); Lighting (p.38); Microphones (p.38)

Manufacturers/Dealers

Bradley Broadcast Sales Inc

7313-G Grove
Frederick, MD 21704
800-732-7665; 301-682-8700
Fax: 301-682-8377
www.bradleybroadcast.com
info@bradleybroadcast.com

Brainstorm Multimedia

C/ Romero Robledo 19 Bajo Izda
28008 Madrid, Spain
+34 91 549 50 03
Fax: +34 91 544 21 27
www.brainstorm.es
brainst@brainstorm.es

Brightline

33-4 McGovern Boulevard
Crescent, PA 15046
724-457-0717
Fax: 724-457-2247
www.brightlines.com
kkatz@brightlines.com

Broadcast Electronics Inc

4100 N 24th St
Quincy, IL 62301
217-224-9600
Fax: 217-224-9607
www.bdcast.com
bdcast@bdcast.com

Broadcast Microwave Services

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See our products in the following categories: Microwave & Fiber (p.40)

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Fax: 765-966-5505
www.broadcast-richmond.com
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Broadcast Software Solutions

3160 Bolero Pass
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Fax: 561-776-8464
www.broadcastsoftware.com
tmoye@broadcastsoftware.com

Broadcast Store (BCS)

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Glendale, CA 91201
818-551-5858
Fax: 818-551-0686
www.broadcaststore.com

Broadcast Technology Ltd

5017 NE 269th Avenue
Camas, WA 98607
360-834-1862
Fax: 360-834-6061
www.broadcasttechnology.com
sales@broadcasttechnology.com

Broadcast Video Systems

40 W Wilmot St
Richmond Hill, ON L4B 1H8 Canada
905-764-1584
Fax: 905-764-7438
www.bvs.on.ca
bvs@bvs.on.ca

Broadcasters General Store

2480 SE 52nd St
Ocala, FL 34480
352-622-7700
Fax: 352-629-7000
www.bgsfl.com

BSW-Broadcast Supply Worldwide

7012 27th St West
Tacoma, WA 98466
800-426-8434; 253-565-2301
Fax: 253-565-8114
www.bswusa.com
info@bswusa.com

BUF Technology

12335 World Trade Drive Suite 11
San Diego, CA 92128
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Fax: 858-451-6589
www.bufterk.com
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Fair Lawn, NJ 07410
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buhl@ix.netcom.com

Burle Industries Inc

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Lancaster, PA 17601-5688
800-366-2875; 717-295-6000
Fax: 717-295-6096
www.burle.com
burlesls@burle.com

Burlington A/V Recording Media Inc

106 Mott Street
Oceanside, NY 11572
800-331-3191; 516-678-4414
Fax: 516-678-8959
www.burlington-av.com
sales@burlington-av.com

Burst Electronics Inc

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505-898-1455
Fax: 505-898-0159
www.burstelectronics.com
sales@burstelectronics.com



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C-Cube

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Fax: 408-490-8590
www.c-cube.com

Calumet Coach Company

2150 Dolton Road
Calumet City, IL 60409-1411
708-868-5070
Fax: 708-868-0775
www.CalumetBAF.com

Cambridge Animation

20 Cambridge Place
Cambridge, CB2 1NS England
+44 1223 578 100
Fax: +44 1223 578 101
www.cam-ani.co.uk

Camplex Corp

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Emporia, KS 66801
316-342-7743
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www.camplex.com

CANARE

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San Fernando, CA 91340
818-365-2446
Fax: 818-365-3397
www.canare.com
info@canare.com

Canford Audio

Crowther Road
Washington Tyne & Wear, NE38 0BW UK
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Fax: +44 1914 181 001
sales@canford.co.uk

Canon Broadcast

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Englewood Cliffs, NJ 07632
800-321-4388; 201-816-2900
Fax: 201-816-2909

www.usa.canon.com

See our products in the following categories: Lenses (p.38)

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San Jose, CA 95131-2208
888-868-2533; 408-954-4500
Fax: 408-954-4504
www.justedit.com
info@canopus.com

CaptionMax

530 N 3rd Street
Minneapolis, MN 55401
612-341-3566
Fax: 612-341-2345
www.captionmax.com
derek@captionmax.com

Cartoni USA

2755 Alamo St #103
Simi Valley, CA 93065
888-227-8664; 805-520-6086
Fax: 805-520-6949
www.cartoni.com
cartoniusa@aol.com

Cartworks/dbm Systems

398 Hwy 51N Suite 80-172
Ridgeland, MS 39157
800-795-7234; 601-856-9080
Fax: 601-853-9976
www.cartworks.com
gthomas@cartworks.com

CBSI-Custom Business Systems Inc

PO Box 67
Reedsport, OR 97467
800-547-3930; 541-271-3681
Fax: 541-271-5721
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info@cbsi.org

CCETT

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CEA Digital Newsroom Systems

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800-888-3922; 410-987-7003
Fax: 410-987-6710
ceanews.com
ceanews@erols.com

Central Tower Inc

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Newburgh, IN 47630
800-664-8222; 812-853-0595
Fax: 812-853-6652
www.centraaltower.com
central@centraaltower.com

Century Precision Optics

11049 Magnolia Blvd
N Hollywood, CA 91601
800-228-1254; 818-766-3715
Fax: 818-505-9865
www.centuryoptics.com

Chapman/Leonard Studio Equipment Co

12950 Raymer St
N Hollywood, CA 91605
888-883-6559; 818-764-6726
Fax: 888-502-7263
www.chapman-leonard.com
christine@chapman-leonard.com

Chatani (USA) Inc

950 Third Avenue 17th floor
New York, NY 10022-2705
800-242-8264; 212-421-8473
Fax: 212-421-7552
davisna.com
ceny@mft.com

Manufacturers/Dealers

Christie Digital Systems

809 Wellington St N
Kitchener, ON N2G 4J6 Canada
800-265-2171; 519-744-7111
Fax: 519-749-3136
www.christie.com

Christie Electric Corp

18120 S Broadway
Gardena, CA 90248-3536
310-715-1402
Fax: 310-618-8368
www.christiecorp.com

Chyron Corp

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516-845-2000
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Cintel

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Fax: +44 1920 460 803

Ciprico Inc

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800-727-4669; 612-551-4000
Fax: 612-551-4002
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Circuit Research Labs (CRL)

2522 W Geneva Drive
Tempe, AZ 85282
800-535-7648; 602-438-0888
Fax: 602-438-8227
www.crlsystems.com

Clarity Visual Systems

9025 SW Hillman Court Ste 3122
Wilsonville, OR 97070
503-570-0700
Fax: 503-682-9441
www.clarityvisual.com
Lvielbig@clarityvisual.com

Clark Wire & Cable

1355 Armour Blvd
Mundelein, IL 60060
800-222-5348; 847-949-9944
Fax: 847-949-9595
www.clarkwc.com

Clear-Com Systems

4065 Hollis St
Emeryville, CA 94608
510-496-6666
Fax: 510-496-6699
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Cobalt Digital Inc

2406 East University Avenue
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800-669-1691; 217-344-1243
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San Diego, CA 92121
888-800-8346; 858-455-1500
Fax: 858-404-2443
www.gi.com

General Video Corp (GVC)

2385 John Fries Highway
Quakertown, PA 18951
800-482-0075; 215-536-1900
Fax: 215-536-1779
www.gvcusa.com
gvcvideo@erols.com

Gennum Corporation

PO Box 489/Station A
Burlington ON, L7R 3Y3 Canada
800-263-9353; 905-632-2996
Fax: 905-632-5946
www.gennum.com
info@gennum.com

GENROCO/Video Propulsion

255 Info Highway
Slinger, WI 53086
414-644-8700
Fax: 414-644-6667
www.genroco.com
sales@genroco.com

Gentner Communications Corp

1825 Research Way
Salt Lake City, UT 84119
800-945-7730; 801-975-7200
Fax: 801-977-0087
www.gentner.com
bcastinfo@gentner.com

Gepco International

1770 Birchwood Ave
Des Plaines, IL 60018
800-966-0069; 847-795-9555
Fax: 847-795-8770
www.gepco.com
gepco@gepco.com
See our products in the following categories: Wire & Cable (p.80)

Gerling and Associates

138 Stelzer Court
Sunbury, OH 43074
740-965-2888
Fax: 740-965-2898
www.gerlinggroup.com

Glidecam Industries Inc

676 State Road
Plymouth, MA 02360
800-949-2089; 508-866-2199
Fax: 508-866-5133
www.glidecam.com
glidecam@glidecam.com

Global Microwave Systems

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Oceanside, CA 92056
760-631-8021
Fax: 760-631-8031
www.gmsinc.com
gms@gmsinc.com
See our products in the following categories: Camera Robotics (p.20); Microwave & Fiber (p.40)

Graham-Patten Systems

13366 Grass Valley Avenue
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Fax: 530-273-7458
www.gpsys.com
sales@gpsys.com



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Fax: 503-627-7275
www.grassvalleygroup.com
See our products in the following categories: Audio Routing (p.14); Automation (p.14); Production Switchers (p.46); TBCs & Frame Syncs (p.58); Video Routing (p.74); Video Servers (p.78)

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516-249-3662
Fax: 516-753-1020
www.g1ltd.com

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35-35 24th St
Long Island City, NY 11106
800-453-2547; 718-361-1100
Fax: 718-392-7654
users.aol.com/hldalis2/
HOMEPAGE/home.html

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Fax: 800-REELING
www.hannay.com
reels@hannay.com

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Sunnyvale, CA 94089
408-542-2500
Fax: 408-542-2510
www.harmonicinc.com

Harris Corporation, Broadcast Comm. Div.

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Mason, OH 45040-8450
513-459-3400
Fax: 513-459-3890
www.harris.com
broadcast@harris.com
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Fax: 615-370-4906
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Cahokia, IL 62206
618-337-2903
Fax: 618-337-7107

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626-355-3656
Fax: 626-355-0077
www.henryeng.com

Herman Electronics

7350 Herman Way
Miami, FL 33122
800-938-4376; 305-477-0063
Fax: 305-392-3377
hermanelectronics.com
info@hermanelectronics.com

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800-923-9232; 314-534-1514
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www.heuris.com
sales@heuris.com

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www.hhb.co.uk
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Hi-Tech Enterprises Inc
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Pinellas Park, FL 33782
888-324-2509; 727-546-6407
Fax: 727-544-1018
www.videoequipment.com

Hitachi Denshi America Ltd
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Woodbury, NY 11797
516-921-7200
Fax: 516-496-3718
www.hdal.com

Holaday Industries Inc
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www.holadayinc.com
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Fax: 310-372-6420
www.hoodmanusa.com

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949-489-0240
Fax: 949-489-0242
www.horita.com
horita@horita.com

See our products in the following categories: Audio Accessories (p.12); CGs (p.24); Studio Accessories (p.54); Test & Measurement (p.62); Video Accessories (p.70)

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714-736-9270
Fax: 714-522-4540
www.hosatech.com
lea@hosatech.com

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1475 S Winchester Blvd
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408-378-3883
Fax: 408-378-3888
www.hotronics.com

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www.ibus.com
info@ibus.com

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800-523-2320; 858-677-0877
Fax: 858-677-0615
www.icsadvent.com
sales@icsadvent.com

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Fax: 619-560-5075
www.idxtek.com
idxusa@idxtek.com

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Fax: 317-843-0807
www.imagineproducts.com
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Fax: 510-732-3120
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info@inscriber.com

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Fax: 203-348-9266
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Fax: 713-433-2029



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wbottorff@iti-online.com

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info_dvt@interra.com

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303-464-8000
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tvsales@itelco-usa.com

See our products in the following categories: Microwave & Fiber (p.40); Transmitters (p.66)

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+33 2 99 23 72 20
Fax: +33 2 99 23 10 91
www.itis.fr

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310-273-5079
Fax: 310-273-2589
www.jcwilliamson.com
info@jcwilliamson.com

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800-523-3432; 909-595-5611
Fax: 909-595-9866
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jbe@sprynet

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JBL Professional
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800-852-5776; 818-894-8850
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Fax: 818-763-4574
www.jensen-transformers.com
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Fax: 310-335-0110
www.jlcooper.com

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888-578-6874; 212-253-8908
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www.atlantic.net/~jtcomm

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800-JVC-5825; 973-315-5000
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802-442-8171
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N Hollywood, CA 91601
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Fax: 801-977-9674

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Fax: 514-876-3664
www.keopsbroadcast.com

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Kino Flo Inc
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Sun Valley, CA 91352
818-767-6528
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www.kinoflo.com
sales@kinoflo.com

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616-695-4750
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Fax: 678-966-9903
www.klotzdigital.com
klotz_digital_sales@compuserve.com

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Fax: 301-840-2946
www.knoxvideo.com
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Fax: 818-270-2010
www.ktechtelecom.com

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800-949-7654; 972-556-2376
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kw2.com

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www.kwikstand.com
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New York, NY 10010
800-221-9326; 212-741-8011
Fax: 212-741-8026
www.millervideo.com

L&S Radio Communications
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D-77839, Lichtenau Germany
+49 7227 95350
Fax: +49 7227 955 475
www.lsgermany.de
hross@lsgermany.de

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757-468-0448
Fax: 757-468-0625
www.LandSeaSystems.com
sales@LandSeaSystems.com

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905-564-9222
Fax: 905-564-9244
larcana.com

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800-645-5104; 516-231-6900
Fax: 516-231-5295
www.leaderusa.com

International Address
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+44 1753 538 022
Fax: +44 1753 538 528
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(p.62)

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Oakville, ON L6J 5C5 Canada
905-844-1242
Fax: 905-844-8837
www.leblanc-group.com

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700 Chestnut Ridge Road
Chestnut Ridge, NY 10977-6499
800-553-2769; 914-425-2000
Fax: 914-578-5985
www.lecroy.com

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581 Laser Road NE
Rio Rancho, NM 87124
800-821-1121; 505-892-4501
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www.lectrosonics.com
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See our products in the following
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Torrance, CA 90505
800-579-4875; 310-534-1505
Fax: 310-534-1424
www.ledtronics.com

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800-576-5055; 818-238-1220
Fax: 818-238-1228

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See our products in the following
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Automation (p.14); *CGs* (p.24);
Computers (p.28); *Desktop Video*
(p.30); *Graphics* (p.32); *TBCs &
Frame Syncs* (p.58); *Test &
Measurement* (p.62); *Video Com-
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(p.74); *Video Servers* (p.78)

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Fax: 856-767-7547
www.lpsnet.com

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Fax: 573-334-9255
www.linkelectronics.com
link@idd.net

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800-315-1174; 949-552-1904
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sales@linker.com

Manufacturers/Dealers

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Fax: 561-683-7336
www.listec.com

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Fax: 570-326-2903
www.littonedd.com

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Fax: 319-383-6125
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848-LNR-1858; 516-273-7111
Fax: 516-761-5454
www.lnr.com

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Fax: 619-455-7273
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See our products in the following categories: Satellite Equipment (p. 52); Test & Measurement (p. 62)

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888-400-2149
Fax: 718-965-1215
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www.macromedia.com

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Fax: 503-615-1999
www.magnisystems.com
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www.magnumtowers.com
magnumtowers@speedlink.com

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Fax: +44 1782 524 977

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sales@medeacorp.com

Media 100

290 Donald Lynch Boulevard
Marlboro, MA 01752
508-460-1600
Fax: 508-624-9384
www.media100.com

Media Computing Inc

20823 N 19th Ave Ste 6
Phoenix, AZ 85027
623-582-2600
Fax: 623-582-2235
www.mediacomputing.com
info@mediacomputing.com

Media Concepts

2128 N Yellowwood Ave
Broken Arrow, OK 74012
918-252-3600
Fax: 918-250-1155
www.mediaconceptsinc.com

MediaFORM

400 Eagleview Blvd Ste 104
Exton, PA 19341
800-220-1215; 610-458-9200
Fax: 610-458-9554
www.mediaform.com

MediaSite Inc

925 Liberty Ave
Pittsburgh, PA 15222
412-288-9910
Fax: 412-288-9905
www.mediasite.net
info@mediasite.net

Megatrax Production Music

7635 Fulton Ave
N Hollywood, CA 91605
888-MEGA-555; 818-503-5240
Fax: 818-503-5244
www.megatrax.com
megatrax@megatrax.com

Meridian Design Associates Architects

532 Broadway
New York, NY 10012
212-431-8643
Fax: 212-431-8775
www.meridiandesign.com
frank@meridiandesign.com

MGE UPS Systems

1660 Scenic Ave
Costa Mesa, CA 92626
800-523-0142; 714-557-1636
Fax: 714-557-9788
www.mgeups.com
info@mgeups.com

Micro Communications

PO Box 4365
Manchester, NH 03108-4365
800-545-0608; 603-624-4351
Fax: 603-624-4822
www.mcibroadcast.com
mcisales@sprynet.com

MicroFirst Inc

11 East Oak Street
Oakland, NJ 07436
201-651-9300
Fax: 201-651-9310
www.microfirst.com

Micron Audio Products Ltd

216 Little Falls Rd
Cedar Grove, NJ 07009
973-857-8150
Fax: 973-857-3756

MicroSynergy

17530 Von Karman Ave
Irvine, CA 92614
888-877-6777; 949-477-1700
Fax: 949-477-1717
www.burndvd.com
info@burndvd.com

MicroVideo Ltd

The Old Farm Offices Copley Hill Farm
Babraham Cambridge, CB2 4AF
England
+44 1223 834 119
Fax: +44 1223 834 471
www.microvideo.co.uk
sales@microvideo.co.uk

Miles

4-5 West Mills Yard Kennet Road
Newbury Berkshire, RG14 5LP
England
+44 1635 552 524
Fax: +44 1635 552 858
www.miles-tv.co.uk

MilesTek Inc

1506 Interstate 35W
Denton, TX 76207-2402
800-524-7444; 940-484-9400
Fax: 940-484-9402
www.milestek.com
milestek@milestek.com

Miller & Kreisel Professional

10391 Jefferson Blvd
Culver City, CA 90232
310-204-2854
Fax: 310-202-8782
www.mkprofessional.com
mkman@aol.com

Miller Fluid Heads (USA)

216 Little Falls Rd
Cedar Grove, NJ 07009-1276
973-857-8300
Fax: 973-857-8188
www.miller.com.au
mfhusa@aol.com

Miranda Technology

2323 Halpern
St Laurent, QC H4S 1S3 Canada
514-333-1772
Fax: 514-333-9828
www.miranda.com
See our products in the following categories: TBCs & Frame Syncs (p.58); Video Routing (p.74)

MIT Inc

Mondo Umegaoka Bldg 2F 1-33-9
Umegaoka
Setagaya-Ku Tokyo, 154-0022
Japan
+81 3 3439 3755
Fax: +81 3 3439 3877
www.mogami-wire.co.jp

MITEQ Inc

100 Davids Drive
Hauppauge, NY 11788
516-436-7400
Fax: 516-436-7431
www.miteq.com
sales@miteq.com

Mixed Signals/ULTECH Corp

28C Great Hill Road
Seymour, CT 06483
888-360-0010; 203-735-5805
Fax: 203-735-6653
www.mixedsignals.com
info@mixedsignals.com

Modulation Sciences

12-A Worlds Fair Dr
Somerset, NJ 08873
800-826-2603; 732-302-3090
Fax: 732-302-0206
www.modsci.com
judy@modsci.com

Monivision/Chun Yun

11100 Dana Circle
Cypress, CA 90630
714-893-8113
Fax: 714-893-8223
www.monivision.com
info@monivision.com

Moseley Associates

111 Castilian Drive
Santa Barbara, CA 93117
805-968-9621
Fax: 805-685-9638
www.moseleysb.com/
info@moseleysb.com

Motion Picture & Events

1901-G Blue Clay Road
Wilmington, NC 28405
800-357-3054; 910-341-3050
Fax: 910-341-3029
motionpictureandevents.com
mpande@mpande.com

Motorola Semiconductor Products Sector

5005 East McDowell Road
MD:E114
Phoenix, AZ 85008
800-521-6274; 602-244-7108
Fax: 602-244-5898
motorola.com/sps/rf
See our products in the following categories: RF Components (p.50)



Multidyne Video & Fiber Optic Systems

191 Forest Ave
Locust Valley, NY 11560
800-4TV-TEST; 516-671-7278
Fax: 516-671-3362
www.multidyne.com
info@multidyne.com
See our products in the following categories: Audio Routing (p.14); CGs (p.24); Computers (p.28); Microwave & Fiber (p.40); Test & Measurement (p.62); Video Routing (p.74)

Multipoint Communications Ltd

Satellite House Eastways Industrial Park
Witham Essex, CM8 3YQ England
Fax: +44 1376 510 626
www.multipoint.co.uk
sales@multipoint.co.uk

Music 2 Hues

54 Hazard Ave #315
Enfield, CT 06082
888-821-7515
Fax: 888-821-7515
www.Music2Hues.com

MUSICAM USA

670 N Beers St Bldg 4
Holmdel, NJ 07733
732-739-5600
Fax: 732-739-1818
www.musicamusa.com
sales@musicamusa.com

MYAT Inc

380 Chestnut St (PO Box 425)
Norwood, NJ 07648-0425
201-767-5380
Fax: 201-767-4147
www.myat.com
sales@myat.com

Nagra USA

240 Great Circle Road #326
Nashville, TN 37228
615-726-5191
Fax: 615-726-5189
www.nagra.com

Manufacturers/Dealers

Narda Microwave

435 Moreland Road
Hauppauge, NY 11788
516-231-1700
Fax: 516-231-1711
www.nardamicrowave.com
nardaeast@L-3com.com

Navitar

200 Commerce Drive
Rochester, NY 14623
800-828-6778; 716-359-4000
Fax: 716-359-4999
www.navitar.com/

NCUBE (formerly SkyConnect)

1172 Century Drive Suite 200
Louisville, CO 80027
800-759-2583; 303-218-9100
Fax: 303-218-9112
www.ncube.com
rbarracks@ncube.com

NEC America Inc Broadcast Equipment Department

1624 West Walnut Hill Lane
Irving, TX 75038
888-383-4DTV; 972-751-7246
Fax: 972-751-7245
www.necbroadcast.com
jeannie_parks@dl-mis.ccgw.nec.com

Nelson Case Corporation

650 South Jefferson Street
Units A & B
Placentia, CA 92870
800-335-7273; 714-528-2215
Fax: 714-528-7941

Nemal Electronics Int'l

12240 NE 14th Ave
N Miami, FL 33161
800-522-2253; 305-899-0900
Fax: 305-895-8178
www.nemal.com

Nesbit Systems Inc

5 Vaughn Dr
Princeton, NJ 08540
609-799-5071
Fax: 609-799-9540
www.nesbit.com
mzablocki@aol.com

Network Electronics AS

Hinderveien 4 PO Box 1020
N-3204, Sandefjord Norway
800-877-8273; +47 33 48 99 99
Fax: +47 33 48 99 98
www.network-electronics.no

Neumann

One Enterprise Drive
Old Lyme, CT 06371
860-434-5220
Fax: 860-434-3148
www.neumannusa.com
neumlit@neumannusa.com
International Address
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Berlin, D-13403 Germany
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Fax: +49 30 41 77 2450



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Lakewood, NJ 08701-4527
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Fax: 732-901-9608
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neutrikusa@aol.com
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Fax: +423 232 5393

New England Satellite Systems Inc

786 Hartford Turnpike
Shrewsbury, MA 01545-4168
508-842-4328
Fax: 508-842-4857
www.nesatellite.com
klippert@ix.netcom.com

News World Ltd

39 St James St
London, SW1A 1JK UK
+44 1714 910 880
Fax: +44 1714 910 990
www.newsworld.co.uk

NewsMaker Systems Inc

28720 Roadside Dr #301
Agoura Hills, CA 91301
818-879-0000
Fax: 818-865-1421
www.newsmaker.net

Newtec America

999 Summer Street Suite 200
Stamford, CT 06905
203-323-0042
Fax: 203-323-8406
www.newtec.be
rpieck@newtecamerica.com

Nickless Shirmer & Co Inc

7745 Foundation Drive Suite One
Florence, KY 41042
800-543-1584; 606-727-6640
Fax: 606-727-6658
nscocom.com
pnickless@harb.net

Nigel B Furniture

10655 Vanowen St Dept BE
Burbank, CA 91505
818-769-9824
Fax: 818-769-9965
www.nigelb.com

Norpak Corp

10 Hearst Way
Kanata, ON K2L 2P4 Canada
613-592-4164
Fax: 613-592-6560
www.norpak.ca
info@norpak.ca

North Star Technical Services/Best Power

745 Harrison Street
Hollywood, FL 33019
800-842-1671; 954-921-5868
Fax: 954-927-0501
www.nstpower.com
nstpower@aol.com
See our products in the following categories: Power Products (p.45)

Nothing Real

211 Windward Avenue 2nd Floor
Venice, CA 90291
310-664-6152
Fax: 310-664-6157
www.nothingreal.com
info@nothingreal.com

NSI - (N Systems Inc)

9050 Red Branch Road
Columbia, MD 21045
410-964-8400
Fax: 410-964-9661
www.nsystems.com
See our products in the following categories: Microwave & Fiber (p.40)



Nucomm Microwave Inc

101 Bilby Road
Hackettstown, NJ 07840
800-9-NUCOMM; 908-852-3700
Fax: 908-813-0399
www.nucomm.com
sales@nucomm.com
See our products in the following categories: Computers (p.28); Microwave & Fiber (p.40)

NVISION Inc

125 Crown Point Court
Grass Valley, CA 95945
800-719-1900; 530-265-1000
Fax: 530-265-1010
www.nvision1.com

NWL

312 Rising Sun Road
Bordentown, NJ 08505
800-PICKNWL; 609-298-7300
Fax: 609-298-1982
www.nwl.com

Obarrio y CIA

AV Ruiz Huidobro 3710
Buenos Aires, 1430 Argentina
+54 514 543 0643
Fax: +54 514 543 0643
www.obarrio.com
info@obarrio.com

Obvious Technology

580 Howard St Ste 303
San Francisco, CA 94105
415-957-9950
Fax: 415-957-9949

Oconnor

100 Kalmus Drive
Costa Mesa, CA 92626
714-979-3993
Fax: 714-957-8138
www.ocon.com
sales@ocon.com
See our products in the following categories: Camera Support (p.22)

Odetics Broadcast

1515 S Manchester Ave
Anaheim, CA 92802-2907
714-774-2200
Fax: 714-780-7594
www.odetics.com/broadcast/
broadcast-sales@odetics.com

OGM Production Music

6922 Hollywood Boulevard Ste 718
Hollywood, CA 90028
800-421-4163; 323-461-2701
Fax: 323-461-1543
www.OGMmusic.com
OGMmusic@ogmmusic.com

Omneon Video Networks

1282 White Oaks Road
Campbell, CA 95008
408-558-2101
Fax: 408-558-2199
www.omneon.com
sales@omneon.com
See our products in the following categories: Computers (p.28); Video Compression (p.70); Video Servers (p.78)

OMNIMUSIC

52 Main Street
Port Washington, NY 11050
800-828-6664; 516-883-0121
Fax: 516-883-0271
www.omnimusic.com
omni@omnimusic.com

Opamp Labs Inc

1033 N Sycamore Ave
Los Angeles, CA 90038
323-934-3566
Fax: 323-462-6490
www.opamplabs.com
bel@opamplabs.com

Optibase Inc

3031 Tisch Way Plaza West Suite 1
San Jose, CA 95128
800-451-5101; 408-260-6760
Fax: 408-244-0545
www.optibase.com

Manufacturers/Dealers



Opticomm Corp

6046 Cornerstone Court West Suite 209
San Diego, CA 92121
800-8-OPTICOMM; 858-450-0143
Fax: 858-450-0155
www.opticomm.com
info@opticomm.com
See our products in the following categories: Microwave & Fiber (p.40)

Orad

420 Lexington Avenue 20th Floor
New York, NY 10170
212-931-6723
Fax: 212-931-6730
www.orad-ny.com
orad@orad.co.il
International Address
14 Hataas Street
Kfar-Saba, 44425 Israel
+972 9 7676862
Fax: +972 9 7676861

Orban

1525 Alvarado St
San Leandro, CA 94577
510-351-3500
Fax: 510-351-0500
www.orban.com

Ortel Corp

2015 W Chestnut St
Alhambra, CA 91803
800-362-3891; 626-281-3636
Fax: 626-281-8231
www.ortel.com

Otari Corp

8236 Remmet Avenue
Canoga Park, CA 91304
800-877-0577; 818-598-1200
Fax: 818-594-7208
www.otari.com

Packaged Lighting Systems Inc

PO Box 285
Walden, NY 12586
800-836-1024; 914-778-3515
Fax: 914-778-1286
www.packagedlighting.com
info@packagedlighting.com

PAG

2755 Alamo Suite 103
Simi Valley, CA 93065
888-PAGUSA1; 805-520-4911
Fax: 805-520-6949
www.pag.co.uk
pag_limited@compuserve.com
International Address
565 Kingston Road
Raynes Park London, SW20 8SA
England
+44 2085 433 131
Fax: +44 2085 404 797

Panasonic Broadcast

3330 Cahuenga Blvd West
Los Angeles, CA 90068
800-528-8601; 323-436-3500
Fax: 323-436-3660
www.panasonic.com/broadcast

Panduit Corp

17301 S Ridgeland Avenue
Tinley Park, IL 60477-3091
888-506-5400
Fax:
www.panduit.com
info@panduit.com

ParkerVision

8493 Baymeadows Way
Jacksonville, FL 32256
800-532-8034; 904-737-1367
Fax: 904-733-3587
www.parkervision.com
pvtv@parkervision.com

Peak Broadcast Systems USA

One Columbus Place Suite N 40 A
New York, NY 10019
212-453-4893
Fax: 212-453-4884
www.pilot.no

Pearl Microphone Laboratory

PO Box 98
Astorp, S-26521 Sweden
+46 42 58 810
Fax: +46 42 59 890
www.pearl.se
pearl@pearl.se

Peerless Industries Inc

1980 Hawthorne Ave
Melrose Park, IL 60160
800-729-0307; 708-865-8870
Fax: 708-865-2941
www.peerlessindustries.com



PESA Switching Systems

35 Pinelawn Road Suite 99E
Melville, NY 11747
800-328-1008; 516-845-5020
Fax: 516-845-5023
www.pesa.com
salesinfo@pesa.com
See our products in the following categories: Audio Routing (p.14); Automation (p.14); Video Routing (p.74)



PHILIPS

Philips Digital Video Systems

2255 N Ontario St Suite 150
Burbank, CA 91504
800-962-4287; 818-729-7700
Fax: 818-729-7710
www.broadcast.philips.com
info@mail.philipsdvs.com
International Address
PO Box 80002 Building OAN
Eindhoven, 5600 JB
The Netherlands
+31 40 273 24 20
Fax: +31 40 273 63 00

Philips Semiconductor

811 E Arques Ave
Sunnyvale, CA 94086-4523
408-991-3623
Fax: 408-991-2311
www.trimedia.philips.com

Phoenix E.N.G. Inc

6832 Foxhill Lane
Cincinnati, OH 45236
513-891-1444
Fax: 513-891-3453
ENGPhoenix@aol.com

Physical Optics Corp

2545 W 237th St
Torrance, CA 90505
800-214-0222; 310-520-1416
Fax: 310-530-5958
www.poc.com

Pinnacle Systems

280 N Bernardo Ave
Mountain View, CA 94043
650-526-1600
Fax: 650-526-1601
www.pinnaclesys.com
See our products in the following categories: CGs (p.24); Computers (p.28); Video Editing (p.72); Video Servers (p.78)

Pipo Communications

1516 Cassol Pl
Los Angeles, CA 90028
323-466-5444
Fax: 323-466-1520
pipocommunications.com
pipo@compuserve.com
See our products in the following categories: Audio Accessories (p.12); Studio Accessories (p.54)

PIROD Inc

1545 Pidco Dr
Plymouth, IN 46563-0128
219-936-4221
Fax: 219-936-6796
www.pirod.com
See our products in the following categories: RF Components (p.50)

Pixel Instruments Corp

110 Knowles Drive
Los Gatos, CA 95032
408-871-1975
Fax: 408-871-1976
www.pixelinstruments.com
pixelinstruments@msn.com

Pixel Power Ltd

College Business Park Coldhams Ln.
Cambridge, CB1 3HD England
+44 1223 721 000
Fax: +44 1223 721 111
www.pixelpower.com
rmilns@pixelpower.com

Pixelan Software

4107 Harrison Street
Bellingham, WA 98226
360-647-0112
Fax: 360-647-7601
www.pixelan.com

PixStream

180 Columbia Street West
Waterloo, ON N2L 3L3 Canada
519-884-4196
Fax: 519-884-9892
www.pixstream.com
video@pixstream.com

Plainview Batteries

23 Newtown Rd
Plainview, NY 11803
800-642-2354; 516-249-2873
Fax: 516-249-2876
plainviewbatteries.com

Plastic Capacitors Inc

2623 N Pulaski Rd
Chicago, IL 60639
773-489-2229
Fax: 773-489-0496
www.plasticcapacitors.com
sales@plasticcapacitors.com

Play Incorporated

2890 Kilgore Road
Rancho Cordova, CA 95670
800-306-PLAY; 916-851-0800
Fax: 916-851-0801
www.play.com
comments@play.com

Pluto Technologies

2511 55th St
Boulder, CO 80301
303-402-9000
Fax: 303-541-9043
www.plutotech.com
marketing@plutotech.com

Porta-Jib/Hollywood General Machining

1033 N Sycamore Ave
Los Angeles, CA 90038
323-462-2855
Fax: 323-462-2682
www.portajib.com
info@porta-jib.com

Porter Case Inc

3718 W Western Avenue
South Bend, IN 46619-2839
800-356-8348; 219-289-2616
Fax: 219-289-2747
www.porter-case.com
garypond@porter-case.com

Manufacturers/Dealers

Post Impressions (Systems) Ltd

Mill House Overbridge Square
Berkshire, RG14 5UX England
+44 1635 817 000
Fax +44 1635 817 039
www.postimpressions.com

Power Technology

635 SR44
Leesburg, FL 34748
800-760-0027; 352-365-2777
Fax: 352-787-5545
www.PowerTech-Gen.com
hhaverlock@aol.com

Premier Lighting & Production Co

12023 Victory Blvd
North Hollywood, CA 91606
800-770-0884; 818-762-0884
Fax 818-762-0896
www.premier-lighting.com



Prime Image Inc

662 Giguere Court #C
San Jose, CA 95133
408-867-6519
Fax 408-926-7294
www.primeimageinc.com
primeimagein@earthlink.net

Princeton Graphics

2801 South Yale St
Santa Ana, CA 92704
800-747-6249; 714-751-8405
Fax 714-751-5736
www.princetongraphics.com
pcallahan@prgr.com

Pro Cyc

2407 Southeast 10th Ave
Portland, OR 97214
503-231-1211
Fax 503-231-1749
www.procyc.com
info@procyc.com

Pro Sound International

305 River Road
Tullytown, PA 19007
215-949-3200
Fax: 215-949-8400
www.prosoundint.com
don@prosoundint.com

Production Garden Music

4766 Research Drive
San Antonio, TX 78240
800-247-5317; 210-641-6677
Fax: 210-641-7455
www.productiongarden.com
sales@productiongarden.com

Professional Audio Supply

5700 E Loop 820 S
Arlington, TX 76119-7099
800-433-7668; 817-483-7474
Fax: 817-483-9952
www.lights-audio.com

Professional Communications Systems

5426 Beaumont Center Blvd
Suite 350
Tampa, FL 33634
800-447-4714; 813-888-5353
Fax: 813-886-9477
www.pcomsys.com

Professional Label Inc

3415 Olandwood Court
Olney, MD 20832
301-570-0774
Fax: 301-570-0776
www.prolabel.com

Progressive Marketing Products Inc

2980 A Enterprise St
Brea, CA 92821
800-368-9700; 714-528-2072
Fax: 800-832-4888
www.deltadesigns.com
tdozier@pmppi.com

Promusic Inc

941-A Clint Moore Road #A
Boca Raton, FL 33487
800-322-7879; 561-995-0331
Fax: 561-995-8434
www.promusic-inc.com
mail@promusic-inc.com

ProSource/BMI

1515 Black Rock Turnpike
Fairfield, CT 06432
203-335-2000
Fax: 203-335-3005

ProTeleVision Technologies (PTV)

91 McKee Drive
Mahwah, NJ 07430
800-421-0888; 201-529-2188
Fax: 201-529-2109
www.ptv.dk
ptvna@compuserve.com

proximity

Proximity Corporation

1 Exchange Place Suite 1000
Jersey City, NJ 07302
201-521-3165
Fax: 201-521-3166
www.proximity.com.au

Pulizzi Engineering Inc

3200 S Susan St
Santa Ana, CA 92704-6865
800-870-2248; 714-540-4229
Fax: 714-641-9062
www.pulizzi.com
sales@pulizzi.com

QSC Audio

1675 MacArthur Blvd
Costa Mesa, CA 92626
714-957-7100
Fax: 714-754-6174
www.qscaudio.com
info@qscaudio.com

QSI Systems

7 Raymond Ave Bldg A Unit 7
Salem, NH 03079
603-893-7707
Fax: 603-893-7714
www.qsisystems.com
sales@qsisystems.com

Quantegy Inc

2230 Marvyn Parkway
Opelika, AL 36801
800-752-0732; 334-745-7643
Fax: 334-742-6091
www.quantegy.com
webmaster@quantegy.com

Quantel

28 Thorndal Circle
Darien, CT 06820
800-218-0051; 203-656-3100
Fax: 203-656-3459
www.quantel.com
usa@quantel.com
International Address
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England
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Fax: +44 1635 31776

Quartz Electronics

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sales@quartzuk.com

Radamec Inc

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877-RADAMEC; 732-246-0906
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www.radamec.com
radamecinc@netscape.net
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Chertsey, Surrey, KT16 8LJ England
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See our products in the following categories: Camera Robotics (p.20); Camera Support (p.22)

Radio Soft

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Fax: 904-423-0821
www.radiosoftware.com
pmoncure@radiosoftware.com

Radio Systems Inc

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Fax: 856-467-3044
www.radiosystems.com
sales@radiosystems.com

Radyne Comstream Corporation

3138 East Elwood
Phoenix, AZ 85034
602-437-9620
Fax: 602-437-4811
www.radynecomstream.com
sales@radynecomstream.com

RAM Systems and Communications Inc

950 N Rand Road Suite 205
Wauconda, IL 60084
800-779-7575; 847-487-7575
Fax: 847-487-2440
www.ramsyscom.com
sales@ramsyscom.com

Replica Technology

4650 Langford Rd
N Collins, NY 14111
800-714-8184; 716-337-0261
Fax: 716-337-0642
www.replica3d.com
sales@replica3d.com

RF Specialties of California

3463 State St #229
Santa Barbara, CA 93105
800-346-6434; 805-682-9429
Fax: 805-682-5170
www.rfspec.com
rfsc@aol.com

RF Technology Inc

16 Testa Place
South Norwalk, CT 06854
800-762-4369; 203-866-4283
Fax: 203-853-3513
www.rftechnology.com
sales@rftechnology.com

RFS Broadcast

59 Dodge Avenue
North Haven, CT 06473
203-239-3311
Fax: 203-239-9260
www.rfsbroadcast.com

RGB Spectrum

950 Marina Village Parkway
Alameda, CA 94501
510-814-7000
Fax: 510-814-7026
www.rgb.com
sales@rgb.com

Richardson Electronics Ltd

40W267 Keslinger Road /
PO Box 393
LaFox, IL 60147
800-348-5580; 630-208-2200
Fax: 630-208-2550
www.rell.com
info@rell.com

River City Sound Productions

PO Box 750786
Memphis, TN 38175-0786
800-755-8729; 901-274-7277
Fax: 901-274-8494
www.rivercitysound.com

Manufacturers/Dealers

ROHN

PO Box 2000
Peoria, IL 61656
800-225-7646; 309-697-4400
Fax: 309-697-5612
www.rohnnet.com

Rolls Corporation

5143 South Main Street
Salt Lake City, UT 84107
801-263-9053
Fax: 801-263-9068
www.rolls.com
rollsrfx@rolls.com

ROSCO/Entertainment Technology

2181 NW Front Avenue
Portland, OR 97209
800-223-9477; 503-222-9944
Fax: 503-227-1562
www.rosco-et.com
sales@rosco-et.com



Roscor Corp

1061 Feehanville Drive
Mt Prospect, IL 60056
800-843-3679; 847-299-8080
Fax: 847-299-4206
www.rosco.com

Ross Video Ltd

PO Box 220/8 John St
Iroquois, ON K0E 1K0 Canada
613-652-4886
Fax: 613-652-4425
www.rossvideo.com

See our products in the following categories: *Audio Routing (p.14); Automation (p.14); Film Equipment (p.32); Production Switchers (p.46); TBCs & Frame Syncs (p.58); Video Accessories (p.70); Video Routing (p.74); Video Servers (p.78)*

RSI Power Technologies Inc

709 Anchors Street NW
Fort Walton Beach, FL 32548
850-664-0509
Fax: 850-664-5275
www.powertechinc.com/

RT-SET Inc

22 West 21st Street Suite 404
New York, NY 10010
877-955-2230; 212-463-9902
Fax: 212-463-9931
www.rtset.com
info@rtset.com

RTI-Research Technology International

4700 Chase Ave
Lincolnwood, IL 60646
800-323-7520; 847-677-3000
Fax: 847-677-1311

Rycote Microphone Windshields Inc

Libbys Drive Slad Road
Stroud Gloucestershire, GL5 1RN UK
+44 1453 759 338
Fax: +44 1453 764 249
info@rycote.demon.co.uk

Sabine Inc

13301 Highway 441
Alachua, FL 32615-8544
800-626-7394; 904-418-2000
Fax: 904-418-2001
www.SabineUSA.com
sabine@SabineUSA.com

Sachtler Corp

55 N Main St
Freeport, NY 11520
516-867-4900
Fax: 516-623-6844
www.sachtler.de
sachtlerus@aol.com
International Address
Gutenbergstr 5 Unterschleibheim
Munich, D-8044 Germany
+49 89 32158 241
Fax: +49 89 32158 227
See our products in the following categories: *Camera Robotics (p.20); Camera Support (p.22); Lighting (p.38); Studio Accessories (p.54)*

SADiE Inc

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Nashville, TN 37228
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Fax: 615-327-1699
www.sadie.com

Sanix Corp

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Tokyo, 158-0093 Japan
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Fax: +81 3 3702 9654

Sascom Marketing Group

34 Nelson St
Oakville, ON L6L 3H6 Canada
905-469-8080
Fax: 905-469-1129
www.sascom.com

Satellite Export & Engineering

1007 Industrial Ave
Albion, MI 49224
800-470-3510; 517-629-5990
Fax: 517-629-6690
www.sepatiot.com
SEPATRIOT@voyager.net

Sato Kensetsu Kogyo Co Ltd

21-1-301 2-Chome Shinbashi Minato-Ku
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Fax: +81 3 3572 7779
www.sato-k.co.jp

Scala Computer Television

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Calabasas, CA 91302
818-673-1300
Fax: 818-673-1399
www.scala.com

Scala Electronic Corp

PO Box 4580
Medford, OR 97501
541-779-6500
Fax: 541-779-3991
www.scala.net

Scientific-Atlanta

4356 Communications Drive
Norcross, GA 30091-6850
770-903-6057
Fax: 770-903-6464
www.sciatl.com

Screen Service Italia

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Brescia, 25126 Italy
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Fax: +39 03 0322001
www.screen.it
info@screen.it

Screen Subtitling Systems

The Old Rectory Church Lane
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Fax: +44 1473 830 078
www.screen.subtitling.com
sales@screen.subtitling.com

SD Tech/Div. GVC

2385 John Fries Hwy
Quakertown, PA
1-800-482-0075; 215-536-1900
Fax: 215-536-1779
gvcusa.com
gvcvideo@erols.com

Seachange International

124 Acton Street
Maynard, MA 01754
978-897-0100
Fax: 978-897-0132
www.seachange.com

Sennheiser Electronic Corp

One Enterprise Drive
Old Lyme, CT 06371
860-434-9190
Fax: 860-434-9022
www.sennheiserusa.com
lit@sennheiserusa.com

SF Video

1548 Stockton St 2nd Floor
San Francisco, CA 94133
800-545-5865; 415-288-9400
Fax: 415-288-9410
www.sfvideo.com
steven@SFVideo.com

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Mountain View, CA 94043
650-960-1980
Fax: 650-933-0819
www.sgi.com/go/broadband

Shively Labs

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www.shively.com
sales@shively.com

Shook Electronics USA Inc

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San Antonio, TX 78266
888-651-5775; 210-651-5700
Fax: 210-651-5220
shook-usa.com
shook@shook-usa.com

Shure Brothers Inc

222 Hartrey Ave
Evanston, IL 60202
800-25-SHURE; 847-866-2200
Fax: 847-866-2279
www.shure.com
marcom@shure.com

Sican Microelectronics Corp

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Palo Alto, CA 94303
650-625-1888
Fax: 650-625-1818
www.sican.com
info@sican.com

Side Effects Software

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Toronto, M5V 3E7 Canada
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Fax: 416-504-6648
www.sidefx.com
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Sierra Design Labs

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Fax: 775-886-5060
www.sdlabs.com
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Sierra Video Systems Inc

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530-478-1000
Fax: 530-478-1105
www.sierravideo.com
info@sierravideo.com

Sigma Electronics

PO Box 448
East Petersburg, PA 17520-0448
717-569-2681
Fax: 717-569-4056
www.sigmaelectronics.com
eric@sigmaelectronics.com

Signal Transport

517 Marine View Ave Ste F
Belmont, CA 94002
510-528-6039
Fax: 510-528-6043
sigt.com
sales@sigt.com

Manufacturers/Dealers

Silicon Valley Power Amplifiers

115 Phelan Ave Unit 10
San Jose, CA 95112
800-986-9700; 408-986-9700
Fax: 408-986-1438
www.svpa.com

SIM2 Multimedia

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Pordenone, 33170 Italy
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Fax: +39-04 34383260
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Sintel - Systems Int.

4851 Gandy Blvd #8-3
Tampa, FL 33611
813-837-0001
Fax: 813-839-0037

SIRA Sistemi Radio

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Caponago (MI), 20040 Italy
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www.sirasistradio.it
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SMPTÉ

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White Plains, NY 10607
914-761-1100
Fax: 914-761-3115
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mxtg@smppte.org

Snell & Wilcox

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Fax: +44 1730 821 199
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Fax: +44 1189 843 939
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sales@softel.co.uk

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Oxford, OX5 1RU England
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Solutions Custom Furnishings

9930 Painter Ave
Whittier, CA 90605
562-906-9000
Fax: 562-906-9100
www.solutionscfi.com
solcf@msn.com

Sonic Desktop Software

PO Box 3205
Chatsworth, CA 91313-3205
800-454-1900; 818-718-9992
Fax: 818-718-9990
www.smartsound.com
info@sonicdesktop.com

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Sony Electronics

One Sony Drive
Park Ridge, NJ 07656
800-686-SONY
Fax: 201-930-4752
www.sony.com/professional

Sony Electronics Inc/Recording Media

680 Kinderkamack Rd
Oradell, NJ 07645
201-476-8000
Fax: 201-476-8072

Soundscape Digital Tech

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Ventura, CA 93003
805-495-7375
Fax: 805-495-6395
www.soundscape-digital.com
us-sales@soundscape-digital.com

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3400 Waterview Parkway
Richardson, TX 75080
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Fax: 972-680-7144
www.stbstg.com
mvpsales@3dxf.com

Spencer Technologies

9980-B Glen Oaks Blvd
Sun Valley, CA 91352
818-771-1850
Fax: 818-771-1855
www.spencer-tech.com

SSE Telecom Inc

47823 Westinghouse Dr
Fremont, CA 94539
510-657-7552
Fax: 510-490-8501
www.sset.com
info@sset.com

Staco Energy Products Co

301 Gaddis Blvd
Dayton, OH 45403
937-253-1191
Fax: 937-253-1723
stacoenergy.com
sales@stacoenergy.com

Stainless Inc

210 S Third St
North Wales, PA 19454
888-486-3333; 215-699-4871
Fax: 215-699-9597
www.talltowers.com
sales@stainlessinc.com

Standard Communications Corp

1111 Knox Street
Torrance, CA 90502
310-532-5300
Fax: 310-532-0397
www.standardcomm.com/satcom

Stanford Telecom

480 Java Drive
Sunnyvale, CA 94089
408-745-2660
Fax: 408-541-9030
www.stanfordtelecom.com
tpg.marketing@stelhq.com

Storage Concepts Inc

2652 McGaw Ave
Irvine, CA 92614
800-525-9217; 949-852-8511
Fax: 949-852-8930
www.storageconcepts.com
info@storageconcepts.com

Storagepath

917 Lawrence Drive
Newbury Park, CA 91320
805-498-6727
Fax: 805-498-8834

StorageTek

2270 South 88th Street
Louisville, CO 80020
800-STORTEK; 719-536-4055
Fax: 719-536-4053
www.storageetek.com

Storeel Corp

PO Box 80523 (3633 North Peachtree Rd)
Atlanta, GA 30341
888-786-7335; 770-458-3280
Fax: 770-457-5585
reely@mindspring.com

Stradis Inc

3170 Sugarplum Rd NE
Atlanta, GA 30345-1553
770-621-0625
Fax: 770-621-0310
www.stradis.com
info@stradis.com

Studer North America

1525 Alvarado Street
San Leandro, CA 94577
510-297-2711
Fax: 510-297-2785
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studer.sales@harman.com
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Studio Systems Electronics Ltd

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www.SSEL.co.uk
studiosystems@compuserve.com

Summit Electronics Corp

PO Box 810903
Boca Raton, FL 33481
800-226-6960; 561-226-8500
Fax: 800-226-8523
www.summitelectronics.com



Sundance Digital Inc

6309 N O'Connor Road Suite 111
Irving, TX 75039
972-444-8442
Fax: 972-444-8450
www.SundanceDigital.com
sales@SunDig.com

SunUp Digital Systems

181 Metro Drive Suite 600
San Jose, CA 95110
408-437-4500
Fax: 408-437-9435
www.sunup.com
info@sunup.com

Superior Broadcast Products

17194 Preston Road Suite 123-297
Dallas, TX 75248
800-279-3326; 972-473-2577
Fax: 800-644-5958

Switchcraft Inc

5555 N Elston Ave
Chicago, IL 60630
773-792-2700
Fax: 773-792-2129
www.switchcraft.com
sales@switchcraft.com

SWR

619 Industrial Park Road
Edensburg, PA 15931
800-762-7743; 814-472-5436
Fax: 814-472-5552
www.swr-rf.com
dswr@twd.net

Symetrix

14926 35th Ave W
Lynnwood, WA 98037-2303
425-787-3222
Fax: 425-787-3211
www.symetrixaudio.com
symetrix@symetrixaudio.com

Manufacturers/Dealers

SyntheSys Research

3475-D Edison Way
Menlo Park, CA 94025
650-364-1853
Fax: 650-364-5716
www.synthesysresearch.com
info@synthesysresearch.com

Systems Wireless Ltd

465 Herndon Pkwy
Herndon, VA 20170
800-542-3332; 703-471-7887
Fax: 703-437-1107
www.systemswireless.com
swl@swl.com

T.Z. Sawyer Technical Consultants

5272 River Road # 460
Bethesda, MD 20816
800-255-2632; 301-913-9287
Fax: 301-913-5799
www.sawyer.com
info@sawyer.com

Taber Mfg & Engineering Co

PO Box 491
Saratoga, CA 95071-0491
408-872-0465
Fax: 408-872-0465

Tadiran Scopus - USA

12265 World Trade Drive Suite G
San Diego, CA 92128
858-618-1600
Fax: 858-618-1615
www.scopususa.com
info@scopususa.com

TAI Audio

4403 Vineland Road #B-3
Orlando, FL 32811
800-486-6444; 407-649-6444
Fax: 407-648-1352
www.taiaudio.com
taiaudio@aol.com

Tamrac Inc

9240 Jordan Avenue
Chatsworth, CA 91311
800-662-0717; 818-407-9500
Fax: 818-407-9501
www.tamrac.com

Tandberg Television Inc

3501 Jamboree Road Suite 200
Newport Beach, CA 92660
949-725-2500
Fax: 949-725-2545
www.tandbergtv.com
lhobbs@tandbergtv.com
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TC Electronic

742-A Hampshire Road
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800-738-4546; 805-373-1828
Fax: 805-379-2648
www.tcelectronic.com
info@tcelectronic.com

Techflex Inc

PO Box 119 (29 Brookfield Dr)
Sparta, NJ 07871
800-323-5140; 973-300-9242
Fax: 973-300-9409
www.techflex.com

Techni-Tool Inc

5 Apollo Rd
Plymouth Meeting, PA 19462
800-832-4866; 610-825-4990
Fax: 610-828-5623
www.techni-tool.com
sales@techni-tool.com

Technosystem SPA

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www.technosystem.it
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TecNec

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Teko Telecom

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conn@tekotelecom.it

Tektronix Inc/ Measurement Bus

PO Box 3960
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800-426-2200; 503-627-7111
Fax: 503-222-1542
www.tektronix.com

Telecast Fiber Systems

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Fax: 508-752-1520
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See our products in the following categories: Microwave & Fiber (p.40); Wire & Cable (p.80)

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Telemedia Systems Ltd

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House
Cambridge, CB3 0RN UK
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Fax: +44 1223 506 282
www.telemedia.co.uk

Telemetry Inc

6 Leighton Place
Mahwah, NJ 07430
800-424-9626; 201-848-9818
Fax: 201-848-9819
www.telemetryinc.com

Telestream

848 Gold Flat Rd
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877-CLPMAIL; 530-470-1300
Fax: 530-470-1301
www.telestream.net
info@telestream.net

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Television Equipment - Matthey/Metawave

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Brewster, NY 10509-0404
914-278-0960
Fax: 914-278-0964
www.matthey.co.uk
tea-ny@msn.com

Television Equipment Associates

PO Box 499
S Salem, NY 10590-0499
914-763-8893
Fax: 914-763-9158

Telex Communications

9600 Aldrich Ave S
Minneapolis, MN 55420
800-392-3497; 612-884-4051
Fax: 612-884-0043
www.telex.com
pro.sound@telex.com
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Telos Systems/Cutting Edge

2101 Superior Ave
Cleveland, OH 44114
216-241-7225
Fax: 216-241-4103
www.telos-systems.com

Tenco Tower Co

9647 Folsom Blvd
Sacramento, CA 95827-1326
888-864-5999; 916-638-8833
Fax: 916-362-6846
towerman@broadcast.net

Tentel Corp

4475 Golden Foothill Pkwy
El Dorado Hills, CA 95762
800-538-6894; 916-939-4005
Fax: 916-939-4114
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Teracom Components AB

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Teralogic

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www.teralogic-inc.com



TeraNex

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407-517-1086
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See our products in the following categories: TBCs & Frame Syncs (p.58)

TeraTek Software

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Fax: +33 1 42 62 40 01
www.teratek.com
teratek@teratek.com

TerraSonde

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Fax: 303-545-6066
www.terrasonde.com

TFT Inc

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Santa Clara, CA 95051-0862
800-347-3383; 408-727-7272
Fax: 408-727-5942
www.tftinc.com
dparker@tftinc.com

TGI North America Inc

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Kitchener, ON N2M 2C8 Canada
519-745-1158
Fax: 519-745-2364
mbertrand@tgina.com

The Music Bakery

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Dallas, TX 75248
800-229-0313; 615-790-9897
Fax: 972-414-3160
www.musicbakery.com

Theatre Service & Supply Corp

1792 Union Ave
Baltimore, MD 21211
410-467-1225
Fax: 410-467-1289
www.stage-n-studio.com
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Manufacturers/Dealers

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Ontario, CA 91761
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Fax: 909-923-7505
www.shokstop.com

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thomcastcom.com
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Thomcast Communications Inc - Comwave Division

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Thomson Broadcast

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Thomson Components & Tubes Corp

40G Commerce Way
Totowa, NJ 07511
973-812-9000
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18 ave de Marchal Juin
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See our products in the following categories: RF Components (p.50); Satellite Equipment (p.52)

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800-323-0252; 858-587-0252
Fax: 858-587-0257
www.tiernan.com
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See our products in the following categories: Microwave & Fiber (p.40); Video Compression (p.70)

TOA Electronics Inc

601 Gateway Blvd #300
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800-733-7088; 650-588-2538
Fax: 650-588-3349
www.toaelectronics.com

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Scarborough ON, M1P 3E6 Canada
800-387-6141; 416-298-7788
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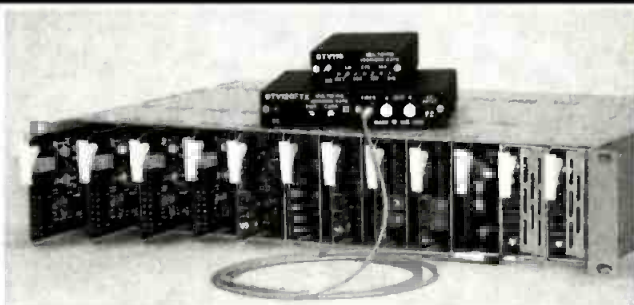
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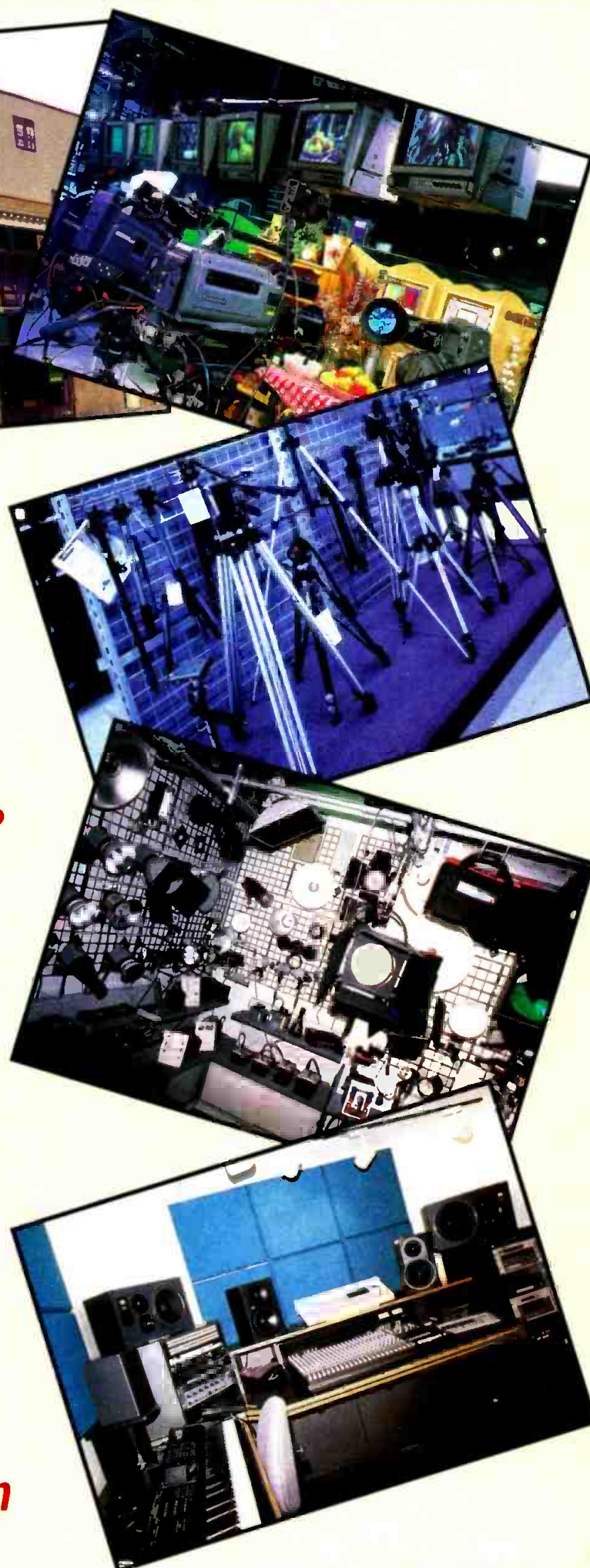
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SONY

DSR-200A 3-CCD Digital (DVCAM) Camcorder



Combining a compact and lightweight body with the superior picture quality of DSP Digital Signal Processing and the DVCAM format, the DSR-200A is the ideal acquisition tool for video journalists, event and wedding videographers, filmmakers and production houses. 500 lines of horizontal resolution, 48kHz/32kHz digital audio, three hour record time, and minimum illumination of 0.1 lux is only the beginning. Other features include 16:9/4:3 capability, SteadyShot, high resolution 1-inch viewfinder, time code operation, time-lapse superimposition and an IEEE-1394 interface for direct digital output. Offers full automatic as well as manual control of focus, iris, gain, white balance and shutter speed.

- Variable servo 10X optical power zoom lens goes from 5.9 to 59mm in 1.7 to 24 seconds. The manual zoom rocks continuously variable right up to where the digital 10X zoom kicks in.
- Sony's Super Steady Shot reduces high frequency camera shake without compromising image quality. SteadyShot uses horizontal and vertical motion sensors that allow it to work accurately while zooming, moving (even shooting from a car), and shooting in low light conditions.
- Has digital effects including audio and video fade, overlap and Slow Shutter.
- Automatic and manual focus, iris, shutter, gain and white balance. Iris is adjustable in 12 levels from F1.6 to F11, shutter from 1/4 to 1/10,000 of a second in 12 steps, gain from -3dB to +18dB in 8 steps.
- Zebra Pattern indicator, built-in ND filter.
- Custom Preset function lets you preset, store and recall custom settings for color intensity, white balance (bluish or reddish), sharpness and brightness.
- Stores Photo, Date/Time, Shutter Speed, Iris, Gain and F-stop for easy recall. So if you have to re-shoot, you know your original settings for every scene and frame.
- Records Drop/Non-Drop Frame time code. Time code can be read either as RC time code or as SMPTE time code.
- Has a large 1-inch B&W viewfinder with 550 lines of resolution for easy focusing even in low contrast lighting situations. Separate information sub panel displays time code, battery time, tape remaining and other camcorder functions without cluttering up the viewfinder.
- Records 16-bit/48kHz audio on one stereo track or 12-bit/32kHz with two pairs of stereo tracks (L1/R1, L2/R2), so you can add stereo music or narration.
- One-point stereo electret condenser mic for clear stereo separation. Directivity can be selected from 0°, 90° & 120°.
- Automatic & manual (20-step) audio level record controls. Monitor audio with headphones or from the LCD panel which has an active VU meter.
- XLR input connectors for mics and audio equipment.

DSR-20/40 DVCAM Player/Recorders

The DSR-20 and DSR-40 are versatile DVCAM VCRs with compact chassis and a variety of convenient functions for recording, playback and simple editing. They feature Auto Repeat Playback, Power-On Recording/Playback, multiple machine control interfaces and i.LINK (IEEE1394) input and output. And, of course, they offer the stunning image and sound quality inherent to the DVCAM format.

- They both offer i.LINK (IEEE1394) input and output. In addition, in the "Digital dubbing including TC Copy" mode, full information of video, audio and time code of the original tape can be copied to another tape. Especially useful when making working copies of the original.

Inputs and Outputs

- They provide a full range of analog video inputs and outputs for integration into current analog-based systems. They both offer composite and S-Video input/output, while the DSR-40 (only) offers a component input as well. The DSR-20 is equipped with analog video inputs and outputs (RCA), the DSR-40 with RCA inputs and XLR-balanced output. These connections in combination with their i.LINK interface allow a smooth transition to an all digital system in the future.

Record/Playback Functions

- Automatic repeat function for repeated playback. After reaching either the end of the tape, the first blank portion of the tape is repeated.

- The DSR-20 can be powered by AC or DC.
- Equipped with Control L interface, the DSR-20 can perform simple Time Code-based editing when connected to either DSR-20 or other similarly equipped VCR/cameras.

DSR-20 Only

- In addition to Control L, the DSR-20 also incorporates an RS-232 interface for remote control of basic VCR functions from a PC.
- Supplied with the RMT-DS20 Wireless Remote for control of basic VCR functions.

DSR-40 Only

- Equipped with an RS-422A interface, the DSR-40 can perform as the editing player in A/B roll or cut editing system.
- It also has a simple recording function which can be controlled either manually or via its RS-422A interface.
- The DSR-40 is not equipped with a synchronization capability, the editing accuracy is performed by pre-roll and play.

DSR-30 DVCAM Digital VCR



The DSR-30 is an industrial grade DVCAM VCR that can be used for recording, playback and editing. DV standard 4:1:1 sampling digital compression recording with a 5:1 compression ratio provides spectacular picture quality and multi-generation performance. It has a Control L interface for editing with other Control L based recorders such as the DSR-200A DVCAM Camcorder or another DSR-30. It also has a continuous auto repeat playback function making it ideal for kiosks and other point of information displays. Other features include high quality digital audio, IEEE-1394 Digital interface and external timer recording. The DSR-30 can accept both Mini and Standard DVCAM cassettes for up to 184 minutes of recording time, and can playback consumer DV tapes as well.

- Records PCM digital audio at either 48kHz (16-bit 2 channel) or at 32kHz (12-bit 4 channel).
- Equipped with Control L, capable of SMPTE Time Code based accurate editing even without an edit controller. Built-in editing functions include assemble and separate video and audio insert.
- By searching for either an index point or Photo Data recorded by the DSR-200A camcorder, the DSR-30 drastically cuts the time usually required for editing.
- The DSR-30 can record up to 135 index points on the Cassette Memory thanks to its 16K bits capability.
- Auto lock ensures audio is fully synchronized with the video for absolute precision when doing an insert edit.
- Built-in control tray has a jog/shuttle dial, VCR and edit function buttons. The jog/shuttle dial allows picture search at ± 1.5 to 15X normal speed and controls not only the DSR-30 but also a player hooked up through its LANC interface.
- DV In/Out (IEEE 1394) for digital dubbing of video, audio and data ID with no loss in quality.
- Analog audio and video input/outputs make it fully compatible with non-digital equipment. Playback compatibility with consumer DV tapes allows you to work with footage recorded on consumer-grade equipment. Tapes recorded in the DSR-30 are also compatible with Sony's high-end DVCAM VCR's.



Panasonic
Broadcast & Television Systems



AG-EZ1 3-CCD Digital Video Camcorder



\$1695

- Digital recording delivers 500 lines of horizontal resolution with no noise, (S/N ratio is 54dB).
- 10:1 power and 20:1 digital zoom lens. Both zooms are adjustable in four speeds (3.5-15 sec.) For extreme close-ups the lens can focus up to 1/4" from the subject.
- Audio is also digital, using PCM (Pulse Code Modulation) for quality that rivals CDs. Choose between two-channel 16-bit recording or two sets of 12-bit stereo, with the second set reserved for uses such as narration.
- Huge 1.5" 180,000 pixel color viewfinder provides 400 lines of resolution and displays all automatic and manual functions on demand.
- Variable speed shutter from 1/60 to 1/8000 of a second.
- Built-in SMPTE time code generator.
- Digital Electronic Image Stabilizer (DEIS) compensates for jittery videoespecially when the digital zoom is employed.
- Digital Photo-Shot lets you record a still-frame for six seconds, while audio continues as normal.
- 290 still pictures can be recorded on a single 30-minute tape.
- Three ways to easily find previously recorded scenes.
- TopScan plays back the first few seconds of each segment, providing a handy way to review an entire tape.
- Record Review revisits the camcorder and plays the last 10 seconds of the last recorded scene.
- Indexing encodes the first scene shot on a given day, to quickly find the starting point of each day's shooting.



JVC GY-DV500

1/2-Inch 3-CCD Professional DV Camcorder



The world's first DV camcorder designed from the ground up for professional ENG work, the GY-DV500 combines the convenience and cost-effectiveness of Mini DV with the performance and features you need. It incorporates three 1/2-inch CCDs for superior picture performance (equivalent to 750 lines of resolution) superb sensitivity of F11 at 2000 lux and minimum illumination of 0.75 lux (LoLux mode). Ruggedly constructed with a rigid diecast magnesium housing providing the durability professionals crave, the GY-DV500's compact design and light weight (less than 11 lbs. fully loaded) makes it extremely portable. Additional features like the menu dial and Super Scene Finder assure ease-of-use and shooting flexibility, while the IEEE1394 and RS-232 interface allow integration into various non-linear and post-production systems. A professional camcorder in every sense, the compact, lightweight GY-DV500 redefines acquisition for corporate, educational, cable and broadcast production, as well as wedding videography and multimedia applications.

Professional Specifications

- Applies JVC's DSP with advanced 14-bit video processing to bring out more natural details, eliminate spot noise, accurately reproduce dark areas, and restore color information in dark areas.
- Three high-density 1/2" 380,000 pixel IT CCDs ensure the best possible image quality.
- CCDs are equipped with advanced circuitry to virtually eliminate vertical smear when shooting bright lights in a dark room. Ensures efficient light conversion with a sensitivity of F11 at 2000 lux.
- CCD Defect Correction function evaluates white defects with the lens closed and then stores their addresses in memory. When the camera is turned on, the data is sent to the DSP for storage and real-time correction.
- Black Stretch/Compress function ensures accurate reproduction of black areas on the screen. Advanced color matrix circuits give even difficult images a very natural appearance.
- Multi-stream parallel digital pipeline processing at 40 MHz creates an ultra-smooth gamma curve, calculated using a true log scale algorithm. The result is a dynamic range of 600% to accurately reproduce fine details and colors in shadows or highlights.
- In addition to camera mounted mic, has two XLR-balanced audio inputs with 48v phantom power and manual audio control. Phantom power can be switched off when not in use.
- Side-mounted speaker lets you monitor audio in playback and recording modes without headphones. The speaker also delivers audible warnings.
- Compact and Lightweight
- Measuring 10-7/8 x 9-11/16 x 5-1/8 the GY-DV500 amazingly enough is almost half the size of the GY-X2B. Weight is carefully balanced for ease of use in an ENG environment and extended shooting.
- Consumes less than 20W of power, eliminating the need for cumbersome & heavy large-capacity battery packs.

Automatic Functions

- Full Auto Shooting (FAS) mode for point-and-shoot ease of operation. You simply zoom and focus. Activating the Full Auto Shooting sets the camera to the Auto Iris Mode, even if the lens is set to manual. Automatic video-level control (ALC) is also activated, along with Extended Electronic Iris (EEI) and Full Auto White, which provide both variable gain and variable shutter. Shoot continuously from a dark area to a bright area without changing Gain, Iris or ND filter.
- ALC (Automatic Level Control) with EEI (Extended Electronic Iris) for continuous shooting in all light levels — no need to switch gain settings or ND filter.
- Continuous Auto Black (CAB) circuit assures perfect Black Balance in a changing environment without having to interrupt shooting.
- Accu-Focus activates the electronic shutter for approximately ten seconds, forcing open the Iris. As a result, the depth of focus is minimized, and the lens can be focused quickly and precisely.

Professional Performance

- When activated, the LoLux mode increases sensitivity with almost no increase in noise. LoLux lets you capture high-quality video footage with excellent color balance at just 0.75 lux minimum illumination.
- Multi-zone iris weighting system gives priority to objects at the central and lower portions of the picture for accurate auto exposure under any condition, even if a bright subject moves into the picture.
- Adjustable gamma for adjusting the "feel" of the picture according to taste. Adjustable detail frequency for setting picture sharpness for a bolder or finer look.
- Viewfinder status display uses characters and menus to display selected information, including audio indicator, tape and battery remaining time, VCR operation and warning indicators. Camera settings and setup parameters can also be checked at a glance. A built-in menu dial lets you quickly navigate through the viewfinder menu.
- Highlight Chroma Processing maintains color saturation in highlights. The result is natural color reproduction, even in bright highlight portions of the picture.
- Smooth Transition mode ensures a smooth transition with no jump in color or light level taking place when manually changing gain or white balance settings.

Professional Audio

- To complement its superior video performance, the GY-DV500 offers outstanding digital PCM sound. You can choose between two 16-bit 48-kHz channels or two 12-bit 32-kHz channels with a dynamic range of 85 dB.

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HyTRON 50 Battery

Weighing a mere 31oz (880 grams) and packing 50 Watt-hours of energy - enough to operate a typical ENG camcorder for two hours, the HyTRON 50 is the most advanced lightweight battery in the industry.

- Made possible by recent advancements in a cell technology originally designed for the mobile computing industry, it incorporates nickel metal hydride cells that provide the highest energy density of any rechargeable cylindrical cell available. High performance is further assured through the integration of Anton/Bauer InterActive digital technology.
- Equipped with an on-board "fuel computer" which monitors energy input and output as well as critical operating characteristics and conditions. This data is communicated to the InterActive charger to ensure safety and optimize reliability.
- In addition, remaining battery capacity information is available by means of an LCD display on each battery and in the view-finder of the most popular broadcast & professional camcorders.
- Special low voltage limiter prevents potentially damaging over-discharge.

Specifications: 14.4 V, 50 WH (Watt Hours)
5-3/4" x 3-1/2" x 2-1/4", 1.9 lbs (880g)
Typical runtime: 2 hours @ 25 Watts 3 hours @ 17 Watts

QUAD 2702/2401

Four-Position Power/Chargers

The lightest and slimmest full featured four position chargers ever, they can fast charge four Gold Mount batteries and can be expanded to charge up to eight. They also offer power from any AC main in a package the size of a notebook computer and weighing a mere four lbs! The 40 watt 2401 can charge ProPacs in two hours and TruPacs in one. Add the Diagnostic/Discharge module and the QUAD 2401 becomes an all purpose power and test system. The 70 watt QUAD 2702 has the module and is the ultimate professional power system.

STEADICAM

VIDEO SK

Steadicam Video SK2

Incorporating the same design principles as its larger Oscar and Emmy winning Steadicam cousins, the Video SK2 is designed for cameras weighing from 9-19 lbs. Far more compact and less complex, the complete SK2 system - sled, stabilizer arm and vest - weighs a mere 21 lbs. and fits neatly into the trunk of a car.



Balancing is easier than ever and a single battery operates both camera and Steadicam. In fact, the SK2 is the only Steadicam simple enough to be operated without workshop training. A comprehensive instructional video will have you up and running in hours. But make no mistake, the lightweight Video SK2 performs like a true heavyweight. Shoot on the move effortlessly, without cranes, booms or dollies. The sled-mounted monitor offers a crystal-clear picture, so your eyes are no longer glued to your camera's eyepiece. And with the weight spread comfortably over your torso you can shoot on the run, climbing stairs or even from a moving vehicle. With one smooth tracking shot capture what used to require five or six setups. An optional low-mode bracket can further enhance your creativity. Whether you shoot commercials, industrials or documentaries, the SK2 lets you offer more flexibility than ever before. If you can imagine a shot, you can shoot it more efficiently, more economically and more creatively than with any other other equipment.

GLIDECAM

V-16 AND V-20

Camera Stabilization Systems

The V-16 and V-20 allow you to walk, run, go up and down stairs, shoot from moving vehicles and travel over uneven terrain without any camera instability or shake. The V-16 stabilizes cameras weighing from 10 to 20 pounds and the V-20 from 15 to 26 pounds. They are both perfect for shooting the type of ultra-smooth tracking shots that take your audience's and client's breath away - instantly adding high production value to every scene. Whether you are shooting commercials, industrials, documentaries, music videos, news, or full length motion pictures, the Glidecam "V" series will take you where few others have traveled.



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Tripods and Fluid Heads

DV Systems—Digital Support for Every Budget

Today's compact digital cameras require light, fast and highly versatile camera support systems. Starting from the DV2 all the way up to the DV12, Sachtler has a solution tailored for just about every conceivable digital camera package available today. All feature Sachtler's patented counterbalance system and Touch and Go wedge plates. And all except the DV2 feature sliding camera platform to ease in the balancing of your camera.

DV2 System

- The smallest head of the Sachtler's line.
- Sachtler Touch and Go quick release with automatic camera lock and safety lever/drop protection.
- One step of dynamic counterbalance.
- Frictionless leak proof fluid damping with one level of drag.
- Vibrationless vertical/horizontal brakes.
- Built in bubble for horizontal leveling.
- Single Stage 75mm tripod DA 75 Long.
- Lightweight floor spreader SP 75.

This system (0210) consists of:

Fluid Head (DV-2), Long Tripod (DA 75), floor spreader (SP 75)

DV4 System

Same as the DV4 PLUS —

- Five step of dynamic counterbalance.
- Five step of vertical and horizontal drag.

DV4XD System (0610) consists of:

Fluid Head (DV-6), Long Tripod (DA 75), floor spreader (SP 75)

DV4 System

- Sliding balance plate.
- Touch and Go quick release with automatic camera lock and safety lever/drop protection.
- One step of dynamic counterbalance.
- Frictionless leak proof fluid damping with one level of drag.
- Vibrationless vertical/horizontal brakes.
- Built in bubble for horizontal leveling.
- Single stage 75mm long tripod DA 75.
- Lightweight floor spreader SP 75.

DV4 System (0410) consists of:

Fluid Head (DV-4), Long Tripod (DA 75), floor spreader (SP 75)

DV8 System

Same as DV6 PLUS — • Greater load capacity

DV8 System (0810) consists of:
Fluid Head (DV-8), Long Tripod (DA 75), floor spreader (SP 75)

DV12

Same as DV8 PLUS — • Great Load Capacity • Fits 100mm tripods



15" and 17" On Camera Promoters

The 15" and 17" On Camera promoter is the industry standard and designed for use with any camera, for any application. The high contrast, high resolution monitor, created by QTV, is the result of state of the art components and design. The monitor permits a much greater degree of tilt because of its cutaway feature. Its VPS Eyeline feature superimposes copy over the camera lens, enabling the reader to maintain maximum eye-to-eye contact. It's easy and comfortable to read. QTV's On Camera promoter will make sure the talent has clear access to the promoter. The 17" model has a viewing area of 123 sq. inches, 39% more than the 15" model. The 15" On Camera promoter is also available in a free standing pedestal model, which can be utilized both in the studio and in remote situations.



MVP-12

The MVP-12 incorporates QTV's latest design technology for studio and EFP prompting. The MVP-12 features the most advanced circuitry for a promoter of this size. Fully self-contained, it offers high brightness and high resolution that ensures unmatched ease of readability for the speaker. The MVP-12 is powered by AC or DC current utilizing the Sony

type NP-1 or Anton Bauer 13-14 volt batteries, allowing on-location as well as studio prompting. It weighs only 19 lbs., including the quick release roller plate for fast mounting and balancing. Below the lens mounting is utilized resulting ideal counter balancing for ease of operation.

MVP-9 Mini Videoprompter

The MVP-9 mini videoprompter is designed for use with smaller cameras and small spaces. The same level of performance is achieved as the larger CRT based units but in a smaller configuration that is powered by AC or DC current (as above). Created for the new generation of smaller, lighter

cameras, the MVP-9 weighs only 17 1/2 lbs and both the monitor and camera mount set up quickly and easily. As with the other units the VPS Eyeline feature assures maximum eye contact with lens while easily reading the script. It packs up very tightly, making it easy to take anywhere.

SONY

PVW-2600/PVW-2650/PVW-2800

Betacam SP Pro Series

Whenever versatility and no compromise performance is needed, there is only one choice. Legendary reliability and comprehensive support for its many users has established the PVW series as the standard in broadcast and post production. The PVW Series includes the PVW-2600 Player, PVW-2650 Player with Dynamic Tracking and the PVW-2800 Editing Recorder. They feature built-in TBCs, LTC/NTSC time code operation and RS-422 serial interface. They also offer composite, S-Video and component video inputs and outputs. Most important they are built for heavy, every day duty.

- Built-in TBC's and digital dropout compensation assure consistent picture performance. Remote TBC adjustment can be done using the optional BVR-50 TBC Remote Control.
- The PVW-2600, PVW-2650 and PVW-2800 (generates as well) read VITC/LTC time code as well as User Bits, Ext/Int time code, Regen/Preset, or Rec-Run/Free-Run selections.
- Built-in character generator displays time code or CTL data.
- Set-up menu for presetting many functional parameters.
- Two longitudinal audio channels with Dolby C-type NR.
- Recognizable monochrome pictures at up to 24X normal speed in forward and reverse. Color at speeds up to 10X.

- Two types of component connection: three BNC connectors or a Betacam 12-pin dual connector. They have composite and S-Video signals as well.

PVW-2650 Only

- Dynamic Tracking (DT) playback from -1 to +3 times normal speed.

PVW-2800 Only

- Built-in comprehensive editing facilities.
- Dynamic Motion Control with memory provides slow motion editing capability.

800 SERIES UHF WIRELESS MICROPHONE SYSTEMS

Consisting of 5 hand-held and bodypack transmitters and 6 different receivers, Sony's UHF is recognized as the outstanding wireless mic system for professional applications. Operating in the 800 MHz band range, they are barely affected by external noise and interference. They incorporate a PLL (Phase Locked Loop) synthesized control system that makes it easy to choose from up to 282 operating frequencies, and with the use of Sony's pre-programmed channel plan, it is simple to choose the correct operating frequencies for simultaneous multi-channel operation. Additional features, like space diversity reception, LCD indicators, reliable and sophisticated circuit technology ensure low noise, wide dynamic range, and extremely stable signal transmission and reception. Ideal for broadcasting stations, film production facilities and ENG work.



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Panasonic

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FUJINON ENG LENSES



While ENG camera technology evolves faster and faster, delivering ever higher performance in ever smaller bodies, it has been increasingly difficult for lens manufacturers to improve quality while keeping size and weight to a minimum until recently. With Aspheric Technology (AT2) Fujinon has succeeded in manufacturing superior quality lenses that are both smaller and lighter than lenses of conventional spherical design. From the widest angle to the highest telephoto, Fujinon's broadcast hand-held style lenses offer unparalleled features and performance. In fact, they are so advanced and so optically superb they will reshape your thinking about how well a lens can perform.

Fujinon's broadcast hand-held lenses feature the very latest in optical and mechanical design, and manufacturing techniques. New EBC (Electron Beam Coating) reduces flare and improves contrast, while AT2 Aspheric Technology improves corner resolution and reduces chromatic aberration. And all except the 36:1 Super Telephoto offer the exclusive "V-Grip" and Quick Zoom.

A15X8EVM Standard Zoom Lens
A versatile performer in a compact package, offers AT2, inner focus, Quick Zoom and the "V-Grip". 7495.95

A20X8EVM Standard /Telephoto Zoom Lens
Combines additional focal length with AT2, inner focus, Quick Zoom and the "V-Grip". 11,499.95

CHYRON PC-CODI & PC Scribe

Text and Graphics Generator and Video Titling Software

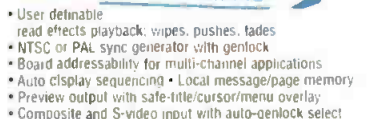
PC-CODI incorporates a broadcast quality encoder and a wide bandwidth linear filter for the highest quality, realtime video character generation and graphics display. A video graphics software engine running under Windows 95/NT, PC Scribe offers a new approach and cost effective solution for composing titles and graphics that is ideal for video production and display applications. Combined, their a total solution for realtime character generation with the quality you expect from Chyron.

PC-CODI Hardware:

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- Multiple roll/crawl speeds • Automatic character kerning
- User definable tab/template fields
- Shaded backgrounds of variable sizes and transparency
- Software controlled video timing

PC-Scribe Software:

- Number of fonts is virtually unlimited. Also supports most international language character sets. Fonts load instantly and the level of anti-aliasing applied is selectable.
- Adjust a wide range of character attributes. Wide choice of composition tools.
- Characters, words, rows and fields can color flash
- Character rolls, crawls and reveal modes. Speed is selectable and can be auto timed with pauses. Messages can be manually advanced or put into sequences along with page transitions.



- User definable read effects playback: wipes, pushes, fades
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- Board addressability for multi-channel applications
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Professional Video Production Workstation

Incorporating the award-winning TARGA 1000 video card and Avid MCXpress NT non-linear editing software, this fully-configured workstation meets the needs of production professionals, corporate communicators, educators and Internet authors.

TARGA 1000 Features:

- The TARGA 1000 delivers high processing speed for video and audio effects, titling and compositing. Capture, edit and playback in motion, full-resolution 60 fields per second digital video with fully synchronized CD-quality audio.
- Compression can be adjusted on the fly to optimize for image quality and/or minimum storage space. Has composite and S-video inputs/outputs. Also available with component input/output (TARGA 1000 PRO).
- Genlock using separate sync input for working in professional video suites
- Audio is digitized at 44.1KHz or 48KHz sampling rates, for professional quality stereo sound. Delivers perfectly synchronized audio and video.

MCXpress Features:

The ideal tool for video and multimedia producers who require predictable project throughput and high-quality results when creating video and digital media for training, promotional/marketing material, local television and cable commercials, CD-ROM and Internet/intranet distribution. Based on Avid's industry-leading technology, it combines a robust editing functionality with a streamlined interface. Offers integration with third-party Windows applications, professional editing features, powerful media management, title tool and a plug-in effects architecture. It also features multiple output options including so you save time and money by reusing media assets across a range of video and multimedia projects.

TARGA 1000/MCXpress Turnkey Systems:

- 300-watt, 6-Bay full tower ATX chassis
- Pentium ATX motherboard with 512K cache
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- Matrox Millennium II AGP 4MB VRAM display card
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KNOX VIDEO

RS4x4/8x8/16x16/16x8/12x2 Video/Audio Matrix Routing Switchers

Knox's family of high performance, 3-channel routing switchers are extremely versatile, easy-to-use and very affordable. Housed in an ultra-thin rack-mount chassis they accept and route (on the vertical interval) virtually any video signal, including off-the-air and non-timebase corrected video. They also route balanced or unbalanced stereo audio. The audio follows the video or you can route the audio separately (breakaway audio). Each of the switchers offers manual control via front panel operation. They can also be controlled remotely by a PC, a Knox RS Remote Controller, or by a Knox Remote Keypad via their RS-232 port. Front panel LEDs indicate the current routed pattern at all times. Knox switchers are ideal for applications such as studio-feed control and switcher input control, plus they have an internal timer allowing timed sequence of patterns for surveillance applications as well.



- Accept and routes virtually any one-volt NTSC or PAL video signal input to any or all video outputs.
- Accept and route two-volt mono or stereo unbalanced audio inputs to any or all audio outputs.
- Video and audio inputs can be routed independently, they don't need to have the same destination.
- Can store and recall preset cross-point patterns. (Not available on RS12x2.)
- Front panel key-pad operation for easy manual operation.
- Can also be controlled via RS-232 interface with optional RS Remote Controller, or Remote Keypad.
- Front panel LED indicators display the present routing patterns at all times.
- An internal battery remembers and restores the current pattern in case of power failure.
- Internal vertical interval switching firmware allows on-air switching.
- Housed in a thin profile rackmount 1" chassis.
- Also except the RS12x2 are available in S-Video versions with/without audio.
- Models RS16x8 and RS16x16 are also available in RGB/component version.
- With optional Remote Video Readout, the RS16x8 and RS16x16 can display active routes on a monitor at remote locations, via a composite signal from a BNC connector on the rear panel.
- The RS4x4, RS8x8 and RS16x16 are also available with balanced stereo audio. They operate at 660 ohms and handle the full range of balanced audio up to +4 dB with professional quick-connect, self-locking, bare-wire connectors.

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Manufacturing test and measurement equipment for over 40 years, Leader Instruments is the standard which others are measured against for reliability, performance, and most important—cost effectiveness.

5860C WAVEFORM MONITOR

A two-input waveform monitor, the 5860C features 1H 1V, 2H 2V, 1 s/div and 2V mag time bases as well as vertical amplifier response choices of flat, IRE (low pass), chroma and DIF-STEP. The latter facilitates easy checks of luminance linearity using the staircase signal. A PIX MON output jack feeds observed (A or B) signals to a picture monitor, and the unit accepts an external sync reference. Built-in calibrator and on-off control of the DC restorer is also provided.

5850C VECTORSCOPE

The ideal companion for the 5860C, the 5850C adds simultaneous side-by-side waveform and vector monitoring. Featured is an electronically-generated vector scale that precludes the need for fussy centering adjustments and eases phase adjustments from relatively long viewing distances. Provision is made for selecting the phase reference from either A or B inputs or a separate external timing reference.



5100 4-Channel Component / Composite WAVEFORM

The 5100 handles three channels of component signals, plus a fourth channel for composite signals, in mixed component or composite facilities. Features are overlaid and parade waveform displays, component vector displays, and automatic bow-tie or "shark fin" displays for timing checks. Menu-driven options select format (525/60, 625/50 and 1125/60 HDTV), full line-select, vector calibration, preset front-panel setups and more. On-screen readout of scan rates, line-select, preset numbers, trigger source, cursor time and volts.

5100D Digital Waveform/Vectorscope

The 5100D can work in component digital as well as component analog facilities (and mixed operations). It provides comprehensive waveform, vector, timing and picture monitoring capabilities. Menu driven control functions extend familiar waveform observations into highly specialized areas and include local calibration control, the ability to show or blank SAV/EAV signals in both the waveform and picture, the ability to monitor digital signals in GBR or YCBCr form, line select (with an adjustable window), memory storage of test setups with the ability to provide on-screen labels, flexible cursor measurements, automatic 525/60 and 625/50 operation and much much more.

5870 Waveform/Vectorscope w/SCH and Line Select

A two-channel Waveform/Vector monitor, the microprocessor-run 5870 permits overlaid waveform and vector displays, as well as overlaid A and B inputs for precision amplitude and timing/phase matching. Use of decoded R-Y allows relatively high-resolution DG and DP measurements. The 5870 adds a precision SCH measurement with on-screen numerical readout of error with an analog display of SCH error over field and line times. Full-raster line select is also featured with on-screen readout of selected lines, a strobe on the PIX MON output signal to highlight the selected line, and presets for up to nine lines for routine checks.

5872A Combination Waveform/Vectorscope

All the operating advantages of the 5870, except SCH is deleted (line select retained), making it ideal for satellite work.

5864A Waveform Monitor

A two-input waveform monitor that offers full monitoring facilities for cameras, VCRs and video transmission links. The 5864A offers front panel selection of A or B inputs, the choice of 2H or 2V display with sweep magnification, and flat frequency response or the insertion of an IRE limiter. In addition, a switchable gain boost of X4 magnifies setup to 30 IRE units and a dashed graticule line at 30 units on screen facilitates easy setting of master pedestal. Intensity and focus are fixed and automatic for optimum display. Supplied with an instruction manual and DC power cable.

5854 Vectorscope

A dual channel compact vectorscope, the 5854 provides precise checkout of camera encoders and camera balance, as well as the means for precise genlock adjustments for two or more video sources. Front panel controls choose between A and B inputs for display and between A and B for decoder reference. Gain is fixed or variable, with front panel controls for gain and phase adjustments. A gain boost of 5X facilitates precise camera balance adjustments in the field. Supplied with a DC power cable.

Designed for EFP and ENG (electronic field production and electronic news gathering) operations, they feature compact size, light weight and 12 V DC power operation. Thus full monitoring facilities can be carried into the field and powered from NP-1 batteries, battery belts and vehicle power. Careful thought has been given to the reduction of operating controls to facilitate the maximum in monitoring options with the operating simplicity demanded in field work.

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