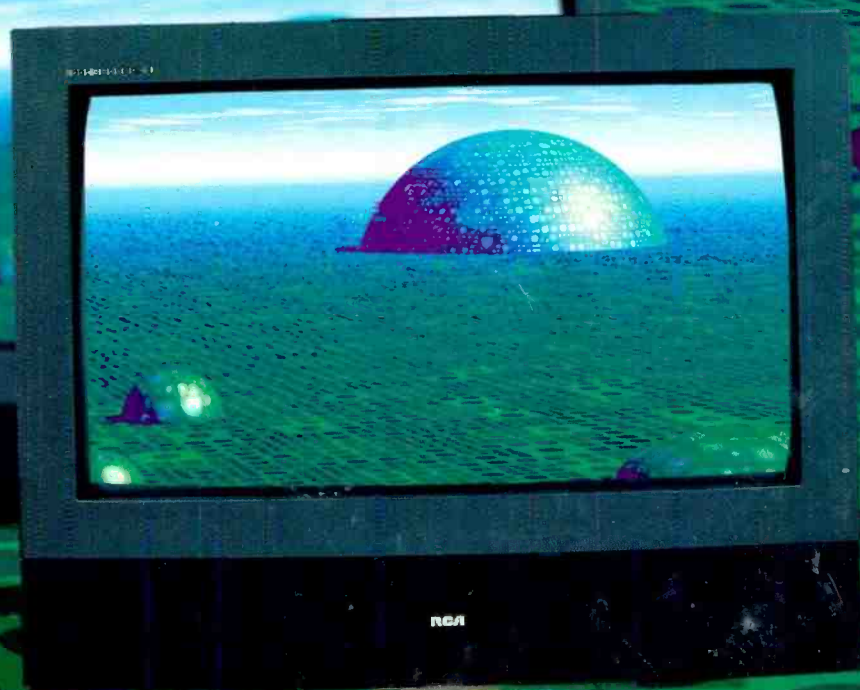


BROADCAST[®] engineering

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December 15, 1996/\$20.00

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**1997
Buyers Guide**

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SP-8 – The Console for Local News

While Wheatstone is best known for its major market clients, we have tailored this console specifically for the local facility. It has everything operators need, yet it's straightforward and easy to operate.

The SP-8's fast mix-minus system allows individual foldbacks to talent, anchors and technical crew to keep your live programming moving smoothly. Four auxiliary pre or post send controls provide even more powerful foldback options. Its channel group muting feature lets you energize and de-energize banks of channels with the push of a single button, so break/live transitions become error free. A sophisticated internal logic system has bus assignment dependent monitor mutes to prevent accidental studio interruption during live seg-

ments. The console has plenty of monitoring capability and can feed a control room system as well as multiple studio outputs—perfect for separate morning and evening setups.

The SP-8 has all the flexibility of its larger predecessors. You have a selection of mono mic/line modules, dual mic modules (for studio one and studio two), and stereo input modules. You can even get this console with a preselector overbridge, to increase its input capacity eight-fold. It's available in countertop, through counter, or furniture stand versions to fit any architectural theme.

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HIGHER THINKING

Welcome to the 1997 *Broadcast Engineering Buyers Guide*. This year's edition contains the latest information from hundreds of manufacturers and the products and services you need. Whether it's help in locating a replacement part or building a whole new facility, the answers to your questions are just a page away.



New for this year is the *Instant Index*. The *Instant Index* allows you to quickly locate companies that provide the specific product or service you need. The index lists products and services by their generic name. You no longer have to guess as to the category a specific product will be listed. In most cases, several entries are provided for those products that are known by several terms.

Need information about transmitters? Looking up "Transmitters/Translators" in the *Instant Index* shows you that product category begins on p. 48. There you'll find 64 companies that can help you with along with their phone numbers. Need help with building that new TV station or edit suite? Look up "Consultants/Engineering" in the *Index*. There you will find the reference to p. 22 where you will see 61 companies that can assist you. The *Instant Index* is your short-cut to finding the companies that have what you need.

If you need address information, consult the manufacturer directory, which begins on p. 55. Anyone who's anyone is listed there.

To help you identify this issue's advertisers, their listings are shown in red. The advertiser index is located on p. 108.

My research shows readers refer to the *BE Buyers Guide* all year long. But don't worry, if you wear out your copy, I can probably get you another one.

Brad Dick, editor

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ON THE COVER: Although the song says, "Tomorrow is always a day away," technical managers don't have the luxury of waiting. The planning for it never stops. Maintaining a competitive edge requires a knowledge of today's technology and clues to what's just over the horizon. This month's cover illustrates the upcoming transition from an analog, 4:3 NTSC world, to the all-digital, 16:9 HDTV environment of tomorrow. Cover design by *BE* art director, Stephanie Masterson.

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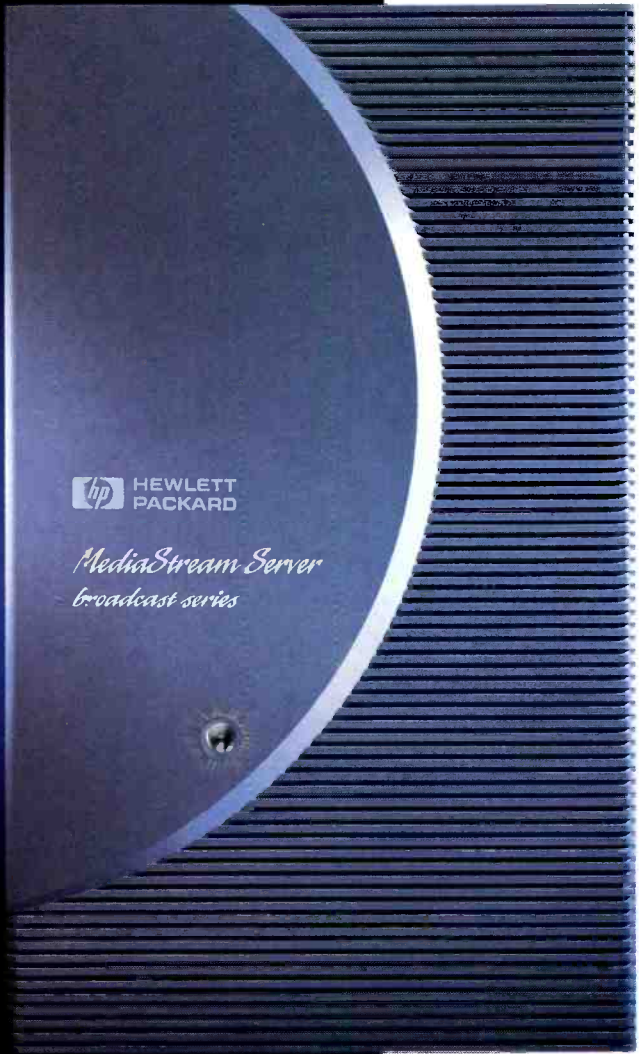
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Product Directory

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ACOUSTIC MATERIALS

Acoustic Sciences Corp	541-343-9727
Acoustic Systems	512-444-1961
Acoustical Solutions	804-346-8350
Broadcast Equipment & Parts	561-790-4192
Cabletek Electronics Ltd	604-942-1001
Illbruck/Sonex Acoustical Div	612-520-3620
Industrial Acoustics Co	718-931-8000
Lakeside Associates Inc	714-770-6601
Netwell Noise Control	612-939-9845
Photomart Cine-Video Inc	407-851-2780
RPG Diffusor Systems Inc	301-249-0044
Solidyne	+54 1 701-8622
Sonex/Illbruck Inc	612-520-3620
Systems Development Group Inc	301-846-7990
USAFoam	317-842-2600
Wave:Space Inc	714-770-6601
Wenger Corp	507-455-4100

AUDIO ACCESSORIES

Ac-cetera Inc	412-344-8609
ADC Telecommunications Inc	612-938-8080
Allen Avionics Inc	516-248-8080
ATI-Audio Technologies Inc	215-443-0330
Beck Associates Inc	512-388-9777
Benchmark Media Systems Inc	315-437-6300
Cabletek Electronics Ltd	604-942-1001
Comprehensive Video Group	201-229-0025
Denon Electronics	201-575-7810
FM Systems Inc	714-979-3355
Furman Sound Inc	415-927-1225
Geppo International	312-733-9555
Henry Engineering	818-355-3656
Marantz Professional	+31(0)40-2734589
Philips Broadcast Television Systems	805-584-4700
Quality Video Supply	201-229-9800
Sescom Inc	702-565-3400
Transvideo USA	805-520-1275
U.S. Audio	716-663-8820
Wireworks Corp	908-686-7400

AUDIO COMPRESSION EQUIPMENT

AEQSA	+34 1 686-1300
Antex Electronics	310-532-3092
Astroguide	815-224-2700
Audio Processing Technology	+44(0)1232 371110
Axon Digital Design BV	+31(0)1351 14500
Brainstorm Electronics	213-845-1155
Broadcast Equipment & Parts	561-790-4192
BSW-Broadcast Supply Worldwide	206-565-2301
CCS Europe GmbH	+49-811-5516-0
C4 Audio Systems	+49-5331-76985
Circuit Research Labs Inc	602-438-0888

COMREX

Comrex Corp 508-263-1800

CornStream Corp/A Spar Co	619-458-1800
Dateq Audio Technologies	+31(0)36-547-2222
DDA	616-695-4750
Denecke Inc	818-766-3525
Digigram	+33 7652.4747
Dolby Laboratories Inc	415-558-0200
Ednet	415-274-8800
Evertz Microsystems Ltd	905-335-3700
Group One Ltd	516-249-3662
HES Electronics	+32(2) 466-8180
Integrated Network Corp	908-218-1600
Intraplex Inc	508-692-9000
JNS Electronics Inc	408-729-3838
LNR Communications Inc	516-273-7111
The Management	817-625-9761
Marti Electronics	817-645-9163
Moseley Associates Inc	805-968-9621
MSC Electronics Ltd	905-731-9500
Muscam USA	908-739-5600
Nagra Kudelski SA	+41(0)21 732-0101
NVision Inc	916-265-1000
Plasmeq Systems Ltd	+44-1252 721236
PRECO (Broadcast Systems)	+44-181-644-4447
QEI Corp	609-728-2020
Questech Ltd	+44(0)1734-787209

Rane Corp	206-355-6000
RE America Inc	216-871-7617
RE Holding A/S	+45-39-17-0000
Rohde & Schwarz Inc	301-459-8800
Rohde & Schwarz GmbH	+49-89-41292321
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Studer Digitec	+34 1 34 808 700
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Tekniche Inc	201-784-2288
Telos Systems	216-241-7225
TFT Inc	408-727-7272
Tieman Communications	619-587-0252
Toko America Inc	847-297-0070
Videoquip Research Ltd	416-293-1042
VistaCom	408-253-5165
Vortex Communications	+44(0)1815 792743
Wiltronix Inc	301-258-7676

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Alesis Corp	310-558-4530
Ampco Sound Lab (ASL)	+31(0)30-2414500
Antex Electronics	310-532-3092
Aphex Systems	818-767-2929
Apogee Electronics Corp	310-915-1000
ASACA/ShibaSoku	310-827-7144
ATI-Audio Technologies Inc	215-443-0330
Audio Design	+44(0)1734-844545
Audio Processing Technology	+44(0)1232 371110
Avitel Electronics Ltd	+44(0)181655-3200
Avitel Inc	801-977-9553
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Balboa Capital Corp	714-756-0800
BEC Technologies Inc	407-855-8181
Benchmark Media Systems Inc	315-437-6300
Brainstorm Electronics	213-845-1155
Broadcast Equipment & Parts	561-790-4192
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C4 Audio Systems	+49-5331-76985
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Options International	615-327-8090
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Prism Media Products Inc	908-747-7272
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Pro-Bel Inc	770-396-1971
Professional Management Services	864-370-2400
QEI Corp	609-728-2020
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Roland Corp	714-727-2100

Scantex Labs Inc	514-626-8943
Schafer World Communications	540-783-2000
Schmid Telecom AG	41-1-456-1111
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Siemens Audio Co	212-949-2324
Sonic Solutions	415-893-8000
Sonosax SA	+41(0)21 806-0202
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Spectral Inc	206-487-2931
ST Keltec Corp	904-244-0043
Studer Digitec	+34 1 34 808 700
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Studer Professional Audio AG	+41 1 870-7511
Superscope Technologies/Marantz	630-820-4800
Symetrix	206-787-3222
The Synclavier Co/SOC Associates	603-448-8887
Tekniche Inc	201-784-2288
Tekniche Ltd	+44(0)1483-728006
Telecast Fiber Systems	508-754-4858
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Television Equipment - Matthey	914-763-8893
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Video Associates Labs Inc	512-346-5781
Vistek Electronics Ltd	+44(0)1628 531221
Vortex Communications	+44(0)1815 792743
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Wohler Technologies Inc	415-589-5676
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Z-Systems	352-371-0990

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Beck Associates Inc	512-388-9777

BOLAND COMMUNICATIONS

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Dorrough Electronics	818-998-2824
D&R Electronica by ESE	+31(0)294 418014
ESE	310-322-2136
FM Systems Inc	714-979-3355
Furman Sound Inc	415-927-1225
G Prime Ltd	212-765-3415
Gold Line Inc	203-938-2588
GP Enterprises Inc	512-749-7026
Horita	714-489-0240
Image Video	416-438-3940
Inovonics Inc	408-458-0552
JNS Electronics Inc	408-729-3838
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Logitek	713-782-4592
McCurdy Radio Industries Ltd	416-248-6155
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NTP Elektronik A/S	+45 4453 1188
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Radio Design Labs	805-684-5415
Ram Broadcast Systems	847-382-7575
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Sonosax SA	+41(0)21 806-0202
Michael Stevens & Partners	+44-181-460-7299
Techni-Tool Inc	610-825-4990
Tektronix	503-627-7111
TFT Inc	408-727-7272
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Valley Audio/Galaxy Audio	316-265-9500
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Broadcast Electronics Inc	217-224-9600
BSW-Broadcast Supply Worldwide	206-565-2301
Comrex Corp	508-263-1800
Cooper Sound Systems	714-248-1361
Dateq Audio Technologies	+31(0)36-547-2222
DDA	616-695-4750
D&R Electronica bv	+31(0)294 418014
Furman Sound Inc	415-927-1225
Geneva Aviation	206-353-7400
Gold Line Inc	203-938-2588
Link Communications SA	+34 3 347-1457
Mackie Designs Inc	206-487-4333
Mark IV Pro Audio Group	616-695-4750
Micron Audio Products Ltd	201-857-8150
Midas	616-695-4750
PAC Sales/EELA Audio	+31(0)40-510484
Peevy	601-483-5372
Sennheiser elektronik KG	+49 5130-6000
Sonosax SA	+41(0)21 806-0202
Studer Professional Audio AG	+41 1 870-7511
Telfax Communications	515-296-9911
U.S. Audio	716-663-8820
Wheatstone Corp	315-452-5000

AUDIO MIXERS - STUDIO

ADM Systems	810-524-2100
AEQ SA	+34 1 686-1300
Alesis Corp	310-558-4530
Allen & Heath	801-568-7660
AMEK US Operations Inc	818-508-9788
Ampco Sound Lab (ASL)	+31(0)30-2414500
AMS Neve PLC/A Siemens Co	+44-1282-457011
API-Audio Products Inc	703-455-8188
APS Professional Video Products	718-628-6800
Ashly Audio Inc	716-544-5191
ATI-Audio Technologies Inc	215-443-0330
Audio Ltd	+44-181-743-1518
Audioarts Engineering	315-452-5000
Auditronics Inc	901-362-1350
Audix Broadcast Ltd	+44(0)1799-542220
Augan Instruments	+31(0)26-3648-966
Autogram Corp	972-424-8585
AVS Graphics Ltd	+44(0)1990 003220
Azden Corp	516-328-7500
BAF Communications Corp	407-324-8250
Biamp Systems	503-641-7287
Brainstorm Electronics	213-845-1155
Broadcast Electronics Inc	217-224-9600
Broadcast Equipment & Parts	561-790-4192
BSW-Broadcast Supply Worldwide	206-565-2301
Calrec Audio Ltd	+44-1422-842-159
Canford Audio	+44-191-4170057
Cellcast Communication Products Inc	501-750-0277
Continental Electronics Corp	214-381-7161
Cooper Sound Systems	714-248-1361
Crookwood	+44-1628-528-026
Dateq Audio Technologies	+31(0)36-547-2222
Dav Tronics	604-255-2200
DDA	616-695-4750
Digital Audio Research Ltd	+44(0)1372 742848
DOD Electronics	801-566-8800
Doremi Labs Inc	213-874-3411
D&R Electronica bv	+31(0)294 418014
DCOR Electronics	505-887-6790
Electric Works Corp	817-625-9761
Electro-Voice Inc	616-695-6831
Euphonix Inc	415-885-0400
Fidelipac Corp	609-235-3900
Focusrite Audio Eng Ltd	+44(0)1628 819456
For-A Co Ltd	+81-3-3446-3936
Fostex America	310-921-1112
Fostex Corp	+81-425-46-4974
Full Compass Systems Ltd	608-831-7330
Gentner Communications Corp	801-975-7200
Graham-Patten Systems	916-273-8412
Group One Ltd	516-249-3662
Hallikainen & Friends Inc	805-541-0200
Harrison by GLW	615-370-9001

Henry Engineering	818-355-3656
Image Video	416-438-3940
Intelix Corp	608-831-0880
Ivie Technologies Inc	801-224-1800
JK Audio	815-786-2929
J-Lab	310-457-4090
JLCooper Electronics	310-306-4131
JT Communications	352-236-0744
Kaitronics Corp	415-697-9102
Tony Larking Pro Sales Ltd	+44-1462-490-600
Lectrosonics Inc	505-892-4501
Logitek	713-782-4592
LPB Inc	610-644-1123
Mackie Designs Inc	206-487-4333
The Management	817-625-9761
Mark IV Pro Audio Group	616-695-4750
Media Touch Systems Inc	603-893-5104
MicroAudio Inc	503-293-0562
Micron Audio Products Ltd	201-857-8150
Midas	616-695-4750
Neotek Corp	773-929-6699
Georg Neumann GmbH	+49(0)30 4177240
OpTex	+44(0)181-4412199
Otari Corp	415-341-5900
PAC Sales/EELA Audio	+31(0)40-510484
Pacific Recorders & Engineering	760-438-3911
Panasonic Pro Audio/Ramsa	714-373-7277
Photomart Cine-Video Inc	407-851-2780
PRECO (Broadcast Systems)	+44-181-644-4447
Professional Management Services	864-370-2400
Professional Sound Corp	805-295-9395
ProTech Audio Corp	516-584-5855
QMI	508-435-3666
Radio Design Labs	805-684-5415
Ram Broadcast Systems	847-382-7575
RAMI	+33-1-6466-2020
Ramko Research	916-672-7932
Rane Corp	206-355-6000
Samson Technologies Corp	516-364-2244
Sascom Marketing Group	905-469-8080
Scantex Labs Inc	514-626-8943
Schafer World Communications	540-783-2000
Seem Audio A/S	+47 66 982700
Sescom Inc	702-565-3400
Siemens Audio Co	212-949-2324
Solid State Logic Inc	212-315-1111
Solid State Logic	+44(0)1865 842300
Solidyne	+54 1 701-8622
Sonic Solutions	415-893-8000
Sonifex Ltd	+44(0)1933 650700
Sonosax SA	+41(0)21 806-0202
Sony Business & Professional	201-930-6576
Sound Designers Studio	212-757-5679
Soundcraft Electronics	615-399-2199
Soundcraft/Harman Pro Group	+44(0)1707 665000
Soundtracs PLC	+44(0)181 3885000
Spectra Sonics	801-392-7531
Studer Professional Audio AG	+41 1 870-7511
Studer Editech	615-391-3399
Superscope Technologies/Marantz	630-820-4800
Tactile Technology Inc	310-802-1500
Target Technology Inc	916-639-2102
TASCAM/Teac Profession	213-726-0303
Tel-Test Inc	352-374-4503
TOA Electronics Inc	415-588-2538
Trident Audio Developments	+44(0)1932 224665
Ward-Beck Systems Ltd	416-438-6550
Daniel Weiss Engineering Ltd	+41-1-940-2006
Wheatstone Corp	315-452-5000
Whirlwind	716-663-8820
Wittronix Inc	301-258-7676
Yamaha Corp of America	714-522-9011

AUDIO POWER AMPLIFIERS

ADM Systems	810-524-2100
AEQ SA	+34 1 686-1300
Alesis Corp	310-558-4530
Altec Lansing	405-324-5311
Ampco Sound Lab (ASL)	+31(0)30-2414500
APS Professional Video Products	718-628-6800
Ashly Audio Inc	716-544-5191
ATI-Audio Technologies Inc	215-443-0330
Audix Broadcast Ltd	+44(0)1799-542220
Beck Associates Inc	512-388-9777

BGW Systems Inc	310-973-8090
Biamp Systems	503-641-7287
Bogen Communications Inc	201-934-8500
Brainstorm Electronics	213-845-1155
Broadcast Devices	914-737-5032
Broadcast Equipment & Parts	561-790-4192
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BSW-Broadcast Supply Worldwide	206-565-2301
C Audio	+44(0)1223-211-333
Canford Audio	+44-191-4170057
Chevin Research Ltd	+44-1943-466-060
Conex Electro Systems Inc	360-734-4323
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Gentner Communications Corp	801-975-7200
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JBL Professional	818-894-8850
JNS Electronics Inc	408-729-3838
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Rane Corp	206-355-6000
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Symetrix	206-787-3222
Tally Display Corp	914-365-6393
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Telect Inc	509-926-6000
Tel-Test Inc	352-374-4503
TOA Electronics Inc	415-588-2538
University Sound	405-324-5311
UREI	818-893-8411
Videoquip Research Ltd	416-293-1042
VideoTek Inc	610-327-2292
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Yamaha Corp of America	714-522-9011

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AI/Corp	972-304-0455
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 ESP-Extraordinarily Superior Products 818-883-2138
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 Gepco International 312-733-9555
 Gold Line Inc 203-938-2588
 Hubbell Inc Wiring Device - Kellems 203-882-4800
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 Network Technologies Inc 216-562-7070
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 APS Professional Video Products 718-628-6800

Arriflex Corp 914-353-1400
 Birns & Sawyer Inc 213-466-8211
 Bogen Photo Corp 201-818-9500
 Camera Support International (CSI) 818-887-5430
 CamMate Systems/Studios 602-813-9500
 Canon USA Inc 201-816-2900
 Cartoni USA 805-520-6086
 CH Products 760-598-2518
 Chapman/Leonard Studio Eqpt 818-764-6726
 Chapman/Leonard Studio & Production Cntr 407-851-3456
 Cinekinetic +61(9) 459-3690
 Cinekinetic USA 702-731-4700
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 Command Corp 813-724-1220
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 CSI Camera Support International 818-887-5430
 Directed Perception Inc 415-342-9399
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 Egripment USA Inc 818-787-4295
 Fujinon Inc 201-633-5600
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 Keystone Metal Products Inc 818-846-9210
 Light Wave Systems 818-780-3002
 The Lightmaker Co 805-257-1444
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 Penny & Giles Inc 310-452-4995
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 Radamec Inc 918-518-0685
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 Troll Technology Corp 805-295-0770
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 FLIR Systems 707-526-6659
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 ParkerVision 904-737-1367
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 EEV 914-592-6050
 Elmo Mfg Corp 516-775-3200
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 Philips Broadcast Television Systems 805-584-4700
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 Superscope Technologies/Marantz 630-820-4800
 Teltron Technologies Inc 610-582-2711
 Thor Electronics Corp 908-486-3300
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 Marshall Electronics Optical Systems 310-390-6608
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 Visual Methods Inc 201-666-3950

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 Cheetah Systems 510-656-0700
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 Anthro Corp 503-691-2556
 Apollo Presentation Products 516-467-8033
 Audiopak Inc 540-667-8125
 Bretford Mfg Inc 847-678-2545
 Clipper Products 513-528-7011
 Comprehensive Video Group 201-229-0025
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 Denon Electronics 201-575-7810
 Display Devices Inc 303-297-1754
 Hoodman Corp 310-379-6391

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Kart-A-Bag 815-723-1940

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 Neumade Products Corp 203-866-7600
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 C-COR Electronics Inc 814-238-2461
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 Compix Media 213-487-8222
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 Products International 301-587-7824
 Quality Video Supply 201-229-9800
 Sony Electronics 201-930-7834
 Techni-Tool Inc 610-825-4990
 TECH-SA-PORT 412-661-1620
 Tek Media Supply Co 847-677-3000

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 AVS Graphics Ltd +44(0)1990 003220
 BAI Systems Inc 215-547-7133
 Circuit Research Labs Inc 602-438-0888
 W Clark & Associates Ltd 309-837-2244
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Evertz Microsystems Ltd 905-335-3700
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 HES Electronics +32 (2) 466-8180
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Leitch Inc 757-548-2300
 maney-logic 608-277-8001
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 Sonifex Ltd +44(0)1933650700
 Tally Display Corp 914-365-6393
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 Vortex Communications +44(0)1815 792743
 Wiltronix Inc 301-258-7676

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 American Broadcast Systems Inc 512-837-3737
 APS Professional Video Products 718-628-6800
ASACA/ShibaSoku 310-827-7144
ASC Audio Video 818-843-7004
 AVID Technology Inc 508-640-6789
 BCD Associates 405-843-4574
 Channelmatic Inc 619-445-2691
 Chyron Corp 516-845-2026
 Columbine Systems 303-237-4000
 Command Corp 813-724-1220
 Comtech Antenna Systems Inc 407-892-6111
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 Image Logic Corp 301-907-8891
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LT 425D Digital Component Signal Generator

A precision test source for digital-component facilities, the LT 425D offers one parallel and four serial outputs (one digital black.) AES/EBU digital audio may be embedded in the serial data stream, but is also available as a separate output. Test signals are tailored to digital operations and include the SDI checkfield and a programmable moving marker and switched skills for compression tests. A programmable 20-character source ID, calendar and clock rounds out the full list of operating options.

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LV 5100D Component Digital and Analog Combination Waveform Monitor & Vectorscope

Designed specifically for use with mixed digital and analog component video systems, the LV 5100D's multi-functional design provides ease of use for operations staff as well as detailed signal analysis features for engineering personnel. Two serial data inputs facilitate monitoring and testing the digital video side while one analog (3 wire) input permits monitoring and testing the analog side. Stereo analog audio monitoring is also provided. This micro-processor controlled instrument provides the utmost in flexibility — from component analog video tests to EDH monitoring and viewing detailed HEX data on the digital side — the LV 5100D represents the state-of-the-art in video testing technology.

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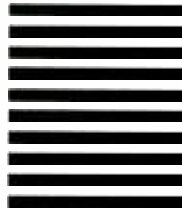
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Models 5222/5212 NTSC/PAL Waveform Monitor and Vectorscope

Model 5222 NTSC/PAL/SECAM Waveform Monitor's eight channel operation in A/B groups of four allows comparisons in component operations, and syncs from CH1 or CH4 in either group plus external reference. Component operations use overlay and parade waveforms with timing (howtie) display. Extensive menu control of setups with extra features such as 0.5% cursors, picture display, dual filter and GBR, YGBR. The NTSC/PAL Vectorscope, Model 5212's overlay display of 3 (actually 4) vector sets simplifies phase matching, and semi-automatic systems speed high resolution readout of DG or DP. Mode keys select VECTOR, DG, DP or X/Y, the latter for stereo phase/level monitoring. Remote control via the 5222 with unblinking for vector line select.

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Model 408/408NPS NTSC and NTSC/PAL/SECAM Test/Sync Generators

Microprocessor control and digital synthesis give the 408 and 408NPS extreme flexibility in test signal programming of both video and RF outputs. Signals available simultaneously include composite video, Y/C, Y/R Y/B-Y, GBR, full sync generator outputs, audio test tones (400 Hz and 1 kHz) and modulated output from 30 to 900 MHz. Multiple test patterns include wide and narrow video sweeps and multiburst with last burst variable to 15 MHz. Signal modifiers include polarity inversion, superimposed circle and moving marker as well as on/off control of burst, sync, luminance, chroma, R, B and G. Genlock and remote control are standard. GPIB is available as an option. The 408 operates in the NTSC system while the 408NPS extends all operating features into PAL and SECAM as well.

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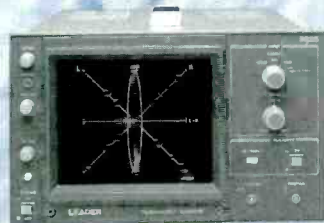


Models 5864A/5854/413S – EFP/ENG Instruments

Designed for EFP and ENG (Electronic Field Production and Electronic News Gathering), this group of instruments adds full monitoring means to field operations. Model 5864A Waveform Monitor handles two channels for camera, camcorder or video link operations. Controls are simplified to include H Mag (X1-X5), 2H or 2V DISPLAY, ELAT or LUM FILTER, gain 1V or 2.25V full scale and A/B INPUT select. Model 5854, a two-channel vectorscope, provides precision checkout of encoder alignment, camera balance and genlock phase. Selectors

pick A or B inputs for display or phase reference. Gain is fixed or variable, and includes a 5X gain boost for balance checks. Model 413S provides a reference source of video and audio for system checks, tape leaders and source ID. Signals include 100% flat white field, EIA, SMPTE and SNG color bars. The latter is designed for satellite operations. An XLR connector feeds balanced audio at 400 or 1000 Hz at 0 dB. Of particular value is a programmable character source ID that may be placed at two on-screen locations.

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Model 5835 Stereo Audio Monitor

Stereo audio operations require tight control of relative L and R amplitude and phase to preserve directional response and to prevent serious degradation of the mono (L+R) signal in the event of accidental inversion of one audio feed. The 5835 provides the means of monitoring amplitudes and relative phase and will set off an alarm in the event of a significant, prolonged L-R component resulting from inadvertent polarity inversion. The CRT is blanked for prolonged silent intervals to prevent CRT spot burn.

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Model 5836A Surround-Sound Monitor

A multi-channel audio monitor to meet the monitoring needs of surround-sound productions, Model 5836A displays the surround-sound image in several formats and accepts up to five channels for left/center/right/surround, and left/center/right/left-surround/right-surround systems. In addition, an X-Y (Lissajous) phase display may be selected between any pair of channels.

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 Pro-Bel Inc 770-396-1971
 Register Data Systems 912-987-2501
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 Spencer Technologies 818-840-0907
 Sundance Digital Inc 972-444-8442
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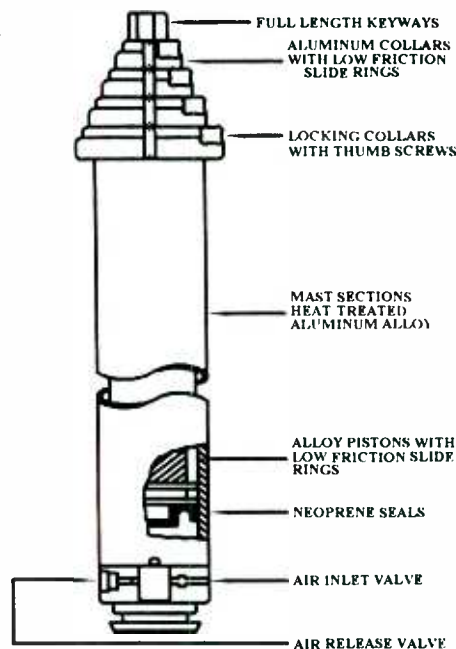
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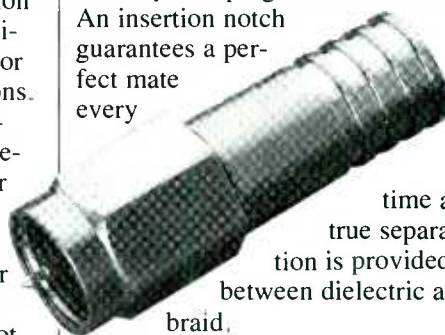
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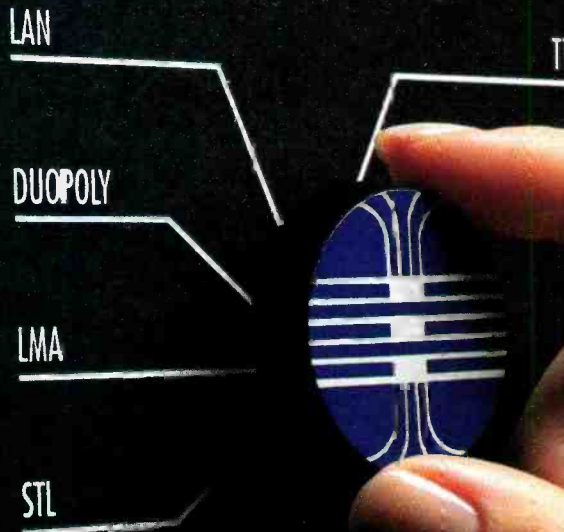
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Tektronix Video & Network Div	800-547-8949
Television Equipment - Matthey	914-763-8893
Textronix/Grass Valley Products	916-478-3000
Trilogy Broadcast Ltd	+44(0)1264-332033
Wiltronix Inc	301-258-7676

DESKTOP VIDEO SYSTEMS

ADCOM Electronics	416-251-2748
Advanced Digital Imaging	714-779-7772
Adwar Video	516-349-1800
APS Professional Video Products	718-628-6800
AVID Technology Inc	508-640-6789
AVS Graphics Ltd	+44(0)1990 003220
BCD Associates	405-843-4574
Brainstorm Electronics	213-845-1155
Burst Electronics Inc	505-898-1455
Chyron Corp	516-845-2026
Compix Media	213-487-8222
Data Translation/MultiMedia Group	508-481-3700
Digital Graphix	201-845-8900
Digital Processing Systems/DPS	606-371-5533
Display Systems Int'l Inc	306-934-6884
DTL Broadcast Ltd	+44(0)181-813-5200
Dubner International Inc	201-664-6434
D-Vision Systems Inc	773-714-1400
Electric Image Inc	818-577-1627
Ensemble Designs	916-478-1830
Evolving Video Technologies	303-456-1450
Fast Electronic US Inc	415-295-3500
Fast Forward Video	714-852-8404
Feral Industries	
James Grunder & Assoc	913-492-4666
For-A Co Ltd	+81-3-3446-3936
Imagine Products Inc	317-843-0706
Intergraph Computer Systems	205-730-2000
Interface Engineering Corp	416-510-1051
James Grunder & Associates Inc	913-492-4666
JVC Professional Products Co	201-794-3900
JVC	+81 426-60-7560
LPB Inc	610-644-1123
Magni Systems	503-626-8400
Matrox Electronic Systems	514-685-2630
MicroNet Technology Inc	714-453-6100
Minerva Systems Inc	408-487-2001
The Network Connection Inc	770-751-0889
Newtek Inc	913-228-8000
Nova Systems Inc	860-693-0238
Panasonic Broadcast & Television	800-524-0864
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 Questech Ltd +44(0)1734-787209
 SADIe Inc 615-327-1140
Scitex Digital Video 415-369-5111
 Softimage 818-365-1359
 Solid State Logic +44(0)1865842300
 Sony Business & Professional Group 201-930-6576
 Sony Electronics 201-930-7834
 Sun Microsystems/Interactive Services 415-969-1300
 Technical Aesthetics Operations/TAO 573-364-4925
 Tel-Test Inc 352-374-4503
 Textronix/Grass Valley Products 916-478-3000
 Toshiba Corp +81(0)334573244
 Triavest 415-920-620
 Truevision 408-562-4200
 TV One Multimedia Solutions 606-282-7303
 United Media 714-777-4510
 Videomedia Inc 408-227-9977
 Videotex Systems 972-231-9200
 VistaCom 408-253-5165

Ram Broadcast Systems 847-382-7575
 Register Data Systems 912-987-2501
 Roland Corp 714-727-2100
 SADIe Inc 615-327-1140
 Schafer World Communications 540-783-2000
 Siemens Audio Co 212-949-2324
Sierra Design Labs 702-831-7837
 Solid State Logic Inc 212-315-1111
 Solid State Logic +44(0)1865842300
 Solidyne +541 701-8622
 Sonic Solutions 415-893-8000
 Sonifex Ltd +44(0)1933650700
 Sony Electronics 201-930-7834
 Sony Electronics 408-432-1600
 Soundscape Digital Tech 805-495-7375
 Spectral Inc 206-487-2931
 Studer Editech 415-326-7030
 Studer Professional Audio AG +41 1870-7511
 Studer Editech 615-391-3399
 Studio Technologies Inc 847-676-9177
 The Synclavier Co/SOC Associates LP 603-448-8887
 Tandberg Data Storage AS +47 22 18 90 90
360 Systems 818-991-0360
 Turtle Beach Systems 717-767-0200
 Wiltronix Inc 301-258-7676

D-Vision Systems Inc 773-714-1400
 ECHOLab Inc 617-273-1512
 Fast Electronic US Inc 415-295-3500
 For-A Co Ltd +81-3-3446-3936
 Getris Images +33 76909777
 James Grunder & Associates Inc 913-492-4666
 JVC Professional Products Co 201-794-3900
 JVC +81 426-60-7560
 Mainframe Computer Graphics Ltd 416-391-4500
 Microtime Inc 860-242-4242
 Newtek Inc 913-228-8000

Avid Technology/Parallax Software Group +44(0)1713078080
 Pinnacle System 415-526-1600
 Play Incorporated 916-851-0800
 PRECO Inc 818-842-4632
Quantel Inc 203-656-3100
 Questech Ltd +44(0)1734-787209
 Radamec Broadcast Systems Ltd +44(0)1932-561181
 Radamec Inc 918-518-0685
Scitex Digital Video 415-369-5111
 Snell & Wilcox +44(0)1730821188
 Sony Business & Professional Group 201-930-6576
 Sony Electronics 201-930-7834
 Sony Electronics 408-432-1600
 Spencer Technologies 818-840-0907
 Tektronix Video & Network Div 800-547-8949
 Textronix/Grass Valley Products 916-478-3000
 Toshiba Corp +81(0)334573244
 VGV Inc (Video Gainesville) 352-372-0270
 VideoFusion Ltd Partnership 419-891-1090
Videotek Inc 610-327-2292
 Wavefront Technologies 805-962-8117
 XAOS Tools 415-538-7000

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AEQSA +34 1 686-1300
 AEVSR 39 51 950249
 Akai Digital 817-336-5114
 AMS Neve PLC/A Siemens Co +44-1282-457011
 APS Professional Video Products 718-628-6800
ASACA/ShibaSoku Corp of America 310-827-7144
ASC Audio Video 818-843-7004
 Audio Follow +33 1 4607 2626
 Audio Processing Technology Ltd +44(0)1232371110
 Audiotronics Inc 901-362-1350
 Aугan Instruments +31(0)26-3648-966
 AVID Technology Inc 508-640-6789
 Brainstorm Electronics 213-845-1155
 Broadcast Electronics Inc 217-224-9600
 Broadcast Equipment & Parts 561-790-4192
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 G Prime Ltd 212-765-3415
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 Henry Engineering 818-355-3656
 Innovative Quality Software 702-435-9077
 Intergraph Computer Systems 205-730-2000
 International Tapetronics Corp 309-828-1381
 J.Cooper Electronics 310-306-4131
 Kinetic Systems Ltd +44(0)181 386-1001
 Lexicon Inc 617-736-0300
 LPB Inc 610-644-1123
 The Management 817-625-9761
 McCurdy Radio Industries Ltd 416-248-6155
 Media Touch Systems Inc 603-893-5104
 Micro Technology Unlimited 919-870-0344
 Nagra Lysis sa +41-21-732-0404
Ogenic On Air Systems 619 479 1711
 Optical Media International 408-376-3511
 OptImage 515-225-7000
 Orban 510-351-3500
 Otari Corp 415-341-5900
 Pacific Recorders & Engineering 760-438-3911
 Play Incorporated 916-851-0800
 PRECO (Broadcast Systems) +44-181-644-4447
 Professional Management Services 864-370-2400
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 Digital Courier Int'l/MPRTeltech 604-293-5188
Kramer Electronics 201-229-1059
Leitch Inc 757-548-2300
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 NVision Inc 916-265-1000
Ogenic On Air Systems 619 479 1711
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 Speer Communications 615-650-6000
 Target Technology Inc 916-639-2102
 Telect Inc 509-926-6000
 Wiltronix Inc 301-258-7676

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Accurate Sound Corp 415-365-2843
 Digital Force 212-333-5953
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 Green Dot Audio 615-367-9242
 Marantz Professional +31(0)40-2734589
 Sony Electronics 201-930-7834
 TASCAM/Teac Profession 213-726-0303
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 Coarc Video 518-672-4451
 Editcomm 416-864-1780
 804-644-5006
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 Sony Electronics 201-930-7834
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 AVS Graphics Ltd +44(0)1990003220
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 Data Translation/MultiMedia Group 508-481-3700
 Diaquest Inc 510-526-7167
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 Technet Systems Group 603-483-5365
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 SBE Society of Broadcast Engineers 317-253-1640

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 SoftWright LLC 303-344-5486
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 Viagrafix - Design CAD Division 918-825-7555
 V-Soft Communications 319-266-8402
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 Xymox Systems 818-786-8801

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 IRT Electronics Pty Ltd +61 2 4393744
 Lighthouse Digital Systems 916-272-8240
 Meret Communications 619-558-3960
 MSC Electronics Ltd 905-731-9500
 NTP Elektronik A/S +45 4453 1188



OPTICAL FIBER NETWORK SYSTEMS

Opticomm Corp 619-450-0143

Telect Inc 509-926-6000
 Daniel Weiss Engineering Ltd +41-1-940-2006

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 Avtech Systems Inc 201-833-8777
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 C-COR Electronics Inc 814-238-2461
 Cinema Products Corp 310-836-7991
 Dawn Satellite 810-391-9200
Fiber Options Inc 516-567-8320
 Iptek 760-438-8362
 IRT Electronics Pty Ltd +61 2 4393744
Kramer Electronics 201-229-1059
 Lighthouse Digital Systems 916-272-8240
 Lightwave Communications Inc 203-878-9838
 Matthey Electronics +44-1782-524919
 Meret Communications 619-558-3960
 MSC Electronics Ltd 905-731-9500
 Nuova ELIT +39 2 3340-2992



OPTICAL FIBER NETWORK SYSTEMS

Opticomm Corp 619-450-0143



ORTEL CORPORATION

Ortel Corp 818-281-3636

Tekniche Inc 201-784-2288
 Television Equipment - Matthey 914-763-8893
 Wiltronix Inc 301-258-7676

FILM EQUIPMENT, SERVICES

Arriflex Corp 914-353-1400
 AVID Technology Inc 508-640-6789
 BCD Associates 405-843-4574
 Birns & Sawyer Inc 213-466-8211
 Buhl Optical Co 412-321-0076
 Captain Video's 410-335-4662
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 CoarcVideo 518-672-4451
 Cycle-Sat Inc 312-670-5100
 Da Vinci Systems 954-484-8100
DW Electrochemicals Ltd 905-508-7500
 Egnipmt USA Inc 818-787-4295
 Elmo Mfg Corp 516-775-3200
 Evertz Microsystems Ltd 905-335-3700
 Hero Productions 305-887-1600
 Image Design Film Technologies 213-655-7595
 Imagica Corp 310-306-4180
 Innovation TK +44 1992 553533
 KABA Research & Development 415-883-5041
 Keystone Metal Products Inc 818-846-9210
 Lipsner-Smith Co 847-677-3000
 L-W Athena Inc 805-522-3284
 Neumade Products Corp 203-866-7600
 Optical Media International 408-376-3511
 Options International 615-327-8090

Pandora International Ltd +44-1474-561000
 Philips Broadcast Television Systems +49(0)6155870-0
 Philips Broadcast Television Systems 805-584-4700
 Photomart Cine-Video Inc 407-851-2780
Quantel Inc 203-656-3100
 QuVis 415-457-3005
 Rangertone Research 201-751-6833
 RTI-Research Technology International 847-677-3000

Sachter AG-

Kommunikationstechnik +49(0)89-32158-241
 Snell & Wilcox +44(0)1730 821188
 SONDOR Willy HungerbühlerAG +41 1 391-3122
 Sony Business & Professional Group 201-930-6576
 Steenbeck Inc 818-998-4033
 Tamron Industries Inc 516-484-8880
 Techni-Tool Inc 610-825-4990
 Tek Media Supply Co 847-677-3000
 Tektronix/Lightworks Editing Systems 213-465-2002
 Toko America Inc 847-297-0070
 Video Engineering Ltd +44-171-434-9751
 Wide Range Electronics 314-230-7178

FREQUENCY SERVICES

AVCOM of Virginia Inc 804-794-2500
 Belar Electronics Lab Inc 610-687-5550
 Doty-Moore Tower Services 972-293-1200
Dubner International Inc 201-664-6434
 Gold Line Inc 203-938-2588
 GP Enterprises Inc 512-749-7026
 Johnson Measurement Service 216-477-0635
 Marcom 408-438-4273
 Phil McQuatters 909-884-1526
 Microflect Co Inc 503-363-9267
 Lawrence L Morton Associates 805-733-4275
 Neutrik AG +41-75-237-2424
 Newman-Kees Freq Measurements 812-963-3294
 Old Dominion Broadcast Eng Service 804-740-4717
 SBE Society of Broadcast Engineers 717-253-1640
 Standard Frequency Measuring Service 513-851-4964
 Tektronix 503-627-7111
 Ziehl Electronic Service 716-772-7800

GPS EQUIPMENT

AVCOM of Virginia Inc 804-794-2500
 B&B Electronics Mfg Co 815-433-5100
 W Clark & Associates Ltd 309-837-2244
 Dawn Satellite 810-391-9200



ESE 310-322-2136

Geneva Aviation 206-353-7400
 Horita 714-489-0240
 News/Sports Microwave Rental Inc (NS) 619-670-0572

GRAPHICS, ANIMATION

AccuWeather Inc 814-234-9601
 Adobe After Effects 206-470-7000
 Adobe Systems 408-536-6000
 Advanced Designs Corp 812-333-1922
 Alias/Wavefront 416-362-9181
 APS Professional Video Products 718-628-6800
 AVID Technology Inc 508-640-6789
 AVS Graphics Ltd +44(0)1990 003220
 Baron Services Inc 205-881-8811
 BCD Associates 405-843-4574
 Chyron Corp 516-845-2026
 CrystalGraphics Inc 408-496-6175
 Data Translation/MultiMedia Group 508-481-3700
 Diaquest Inc 510-526-7167
Digital Graphix 201-845-8900
Digital Processing Systems/DPS 606-371-5533
 Discreet Logic 514-272-0525
 Display Systems Int'l Inc 306-934-6884
 D-Vision Systems Inc 773-714-1400
 Electric Image Inc 818-577-1627
 Evolving Video Technologies 303-456-1450
 FastForward Video 714-852-8404
 Fractal Design Corporation 408-430-4100

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 InnoVision Technology 510-638-0800
 Inscribe Character Generator 416-391-4500
 Intergraph Computer Systems 205-730-2000
 Interlace Engineering Corp 416-510-1051
 Intervideo 909-337-7507
 JLCopier Electronics 310-306-4131
 Linker Systems Inc 714-552-1904
 Mainframe Computer Graphics Ltd 416-391-4500
 Matrox Electronic Systems 514-685-2630
 Media Computing Inc 602-582-2600
 Microtime Inc 860-242-4242
 Newtek Inc 913-228-8000
 Oxberry 201-935-3000

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 Pixel Power Ltd +44(0)1223-423399
 QSI Systems Inc 603-893-7707
Quantel Inc 203-656-3100
 Questech Ltd +44(0)1734-787209
 Recognition Concepts Inc 702-882-7817
Sierra Design Labs 702-831-7837
 Snell & Wilcox +44(0)1730 821188
 Softimage 818-365-1359
 Sony Electronics 201-930-7834
 Sony Electronics 408-432-1600
 Spaceward Graphics Ltd +44(0)1353741222
 Strata Inc 801-628-5218
 Triavest 415-920-620
 Truevision/Raster Ops 317-577-8742
 VAS Group Inc 818-843-4831
 Video Data Systems 516-231-4400
Videssence 415-579-7577
 Viewpoint DataLabs 801-224-2222
 Wavefront Technologies 805-962-8117
 WSI Corp 508-670-5000
 XAOS Tools 415-538-7000
 Yamashita Engineering Mfg Inc +81 440462288883

HOTV PRODUCTION

Altinex 714-524-5400
 AmPro Corp 407-254-3000
 AmPro Corp/Prosumer Display Systems 617-932-4800
 APS Professional Video Products 718-628-6800
ASACA/ShibaSoku Corp of America 310-827-7144
ASC Audio Video 818-843-7004
 Astre Systems 209-575-1000
 Brainstorm Electronics 213-845-1155
 Cintel International Ltd +44(0)1920-463939
 Digital Vision (DV Sweden AB) +46 8 182465
 Dorem Labs Inc 213-874-3411
 Eastman Kodak Co 213-464-6131
 For-A Corp of America 714-894-3311
 Force Inc 540-382-0642
 Ikegami Electronics (USA) Inc 201-368-9171
 JVC Professional Products Co 201-794-3900
 JVC +81 426-60-7560
 Keystone Metal Products Inc 818-846-9210
 Lazerus 510-339-6263
 Mira Vision Inc 408-982-9894
 Nikon Inc 908-758-0308
 NTL +44(0)1962 823434
 Omicron Video 818-700-0742
 Panasonic Broadcast & Television 800-524-0864
 Philips Broadcast Television Systems 805-584-4700
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 QuVis 415-457-3005
 Recognition Concepts Inc 702-882-7817
Sierra Design Labs 702-831-7837
 Snell & Wilcox +44(0)1730 821188
 Sony Business & Professional Group 201-930-6576
 Stone + Wire 617-441-8780
 Thomson Broadcast 201-569-1650
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 VAS Group Inc 818-843-4831

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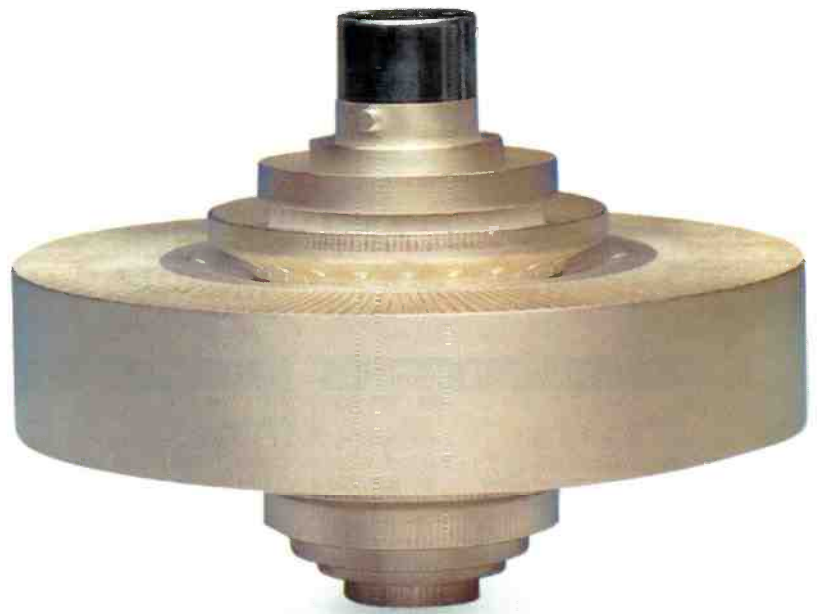
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 Micro Communications
 Nuova ELIT
 Stainless Inc
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 603-624-4351
 +39 2 3340-2992
 215-699-4871
 +33 1 3490-3100

Trilogy Broadcast Ltd
 Vega Wireless/Mark IV
 Vortex Communications
 Ward-Beck Systems Ltd
 Wheatstone Corp
 Wiltronix Inc

+44(0)1264-332033
 818-442-0782
 +44(0)1815 792743
 416-438-6550
 315-452-5000
 301-258-7676

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 F Prime Optics
 FSR Inc
 Fujinon Inc
 Lee Filters
 Lee Filters Ltd
 Blaine Lentz Lighting Assoc
 Marshall Electronics Optical Systems
 MSC Electronics Ltd
 L E Nelson Sales Corp
 Nikon Inc
 OpTex
 Photomart Cine-Video Inc
 Rosco Labs Inc
 Sony Electronics
 Tamron Industries Inc
 Tiffen Mfg Corp
 Tinsley Laboratories, Schwem Div
 Vicon Industries Inc
 Visual Methods Inc

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 516-543-0207
 201-785-4347
 201-633-5600
 818-238-1220
 +44(0)1264-66245
 818-887-7148
 310-390-6608
 905-731-9500
 702-367-3656
 908-758-0308
 +44(0)181-4412199
 407-851-2780
 914-937-1300
 201-930-7834
 516-484-8880
 516-273-2500
 510-222-8110
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 201-666-3950

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 beyerdynamic
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 Broadcast Equipment & Parts
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 Canford Audio
 Chyron Corp
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 310-533-5984
 718-628-6800
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 901-362-1350
 617-935-3920
 516-293-3200
 201-934-8500
 213-845-1155
 914-737-5032
 561-790-4192
 604-942-1001
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 508-751-5800
510-527-6666

INTERNET SOFTWARE

AccuWeather Inc
 Alias/Wavefront
 W Clark & Associates Ltd
 Convergent Media Systems
 DATAMAX Digital Systems
 Display Systems Int'l Inc
 Ednet
 IBM
 Nesbit Systems Inc
 Norpak Corp
Ogenic On Air Systems
 Tektronix NewStar
 Tektronix Video & Network Div
 XAOS Tools

814-234-9601
 416-362-9181
 309-837-2244
 404-262-1555
 714-586-9907
 306-934-6884
 915-274-8800
 914-642-5886
 609-799-5071
 613-592-4164
619 479 1711
 608-274-8686
 800-547-8949
 415-538-7000

KEYERS, COMPOSITING SYSTEMS

Alpha Image Ltd
 APS Professional Video Products
 Broadcast Video Systems Ltd
 Chyron Corp
 Compix Media
 Comtech Antenna Systems Inc
 Discreet Logic
 Display Systems Int'l Inc
 DLE Inc
 DT Electronics Ltd
 Ensemble Designs
 For-A Co Ltd
 GP Enterprises Inc
 Image Video
 Interface Engineering Corp
 J-Lab
 JVC
 Mainframe Computer Graphics Ltd
 MicroVideo Ltd
 Microvideo USA Inc
 PE Photon
 Play Incorporated
 Pro-Bel Ltd
Quantel Inc
 Questech Ltd
 Ross Video Ltd
 Sierra Video Systems Inc
 Snell & Wilcox
 Softimage
 Sony Electronics
 Sony Electronics
 Tektronix Video & Network Div
 Tel-Test Inc
 Thomson Broadcast
 ULTIMATTE Corp
 VGV Inc (Video Gainesville)
Videotek Inc
 Videotex Systems
Videssence
 Vistek Electronics Ltd
 Vortex Communications
 Wiltronix Inc

+44(0)1635 521939
 718-628-6800
 905-764-1584
 516-845-2026
 213-487-8222
 407-892-6111
 514-272-0525
 306-934-6884
 508-947-6801
 +44(0)1203-466500
 916-478-1830
 +81-3-3446-3936
 512-749-7026
 416-438-3940
 416-510-1051
 310-457-4090
 +81 426-60-7560
 416-391-4500
 +44(0)1223 834119
 203-393-0598
 408-261-3613
 916-851-0800
 +44(0)1734 866123
203-656-3100
 +44(0)1734-787209
 613-652-4886
 916-478-1000
 +44(0)1730 821188
 818-365-1359
 408-432-1600
 201-930-7834
 800-547-8949
 352-374-4503
 201-569-1650
 818-993-8007
 352-372-0270
610-327-2292
 972-231-9200
415-579-7577
 +44(0)1628 531221
 +44(0)1815 792743
 301-258-7676

LENSES, ACCESSORIES

Adwar Video
 Aerial Films Inc
 Alpine Optics Inc
 Angenieux SA
 APS Professional Video Products
 Arriflex Corp
 Avtech Systems Inc
 Barbizon Light
 Birns & Sawyer Inc
 Canon USA Inc
 Carter Cartop Mfg Co
 Century Precision Optics
 Cinekinetic
 Communications Marketing & Consulting
 CSI Camera Support International

516-349-1800
 201-984-6680
 954-344-9871
 +33 7730-4210
 718-628-6800
 914-353-1400
 201-833-8777
 617-935-3920
 213-466-8211
 201-816-2900
 503-622-4477
 818-766-3715
 +61(9) 459-3690
 914-356-5300
 818-887-5430

LIBRARIES-SOUND AND IMAGE

The Blue Ribbon Soundworks
 DigiMusic
 Dimension Music & Sound Effects
 Energetic Music Inc
 Energy Film Library
 FirstCom Music
 Gefen Systems
 Gene Michael Productions
 Halland Broadcast Services
 Henry Engineering
 Image Ideas Inc
 Imagine Products Inc
 JT Communications
 Manhattan Production Music
 Nesbit Systems Inc
 Pioneer New Media Technologies
 Sonic Science
 Sound Ideas
 Studer Professional Audio AG
 Valentino Music & Sounds Effects

404-315-0212
 +52 493-25070
 770-502-8744
 206-467-7101
 818-508-1444
 972-934-2222
 818-884-6294
 616-695-4000
 818-963-6300
 818-355-3656
 905-709-1600
 317-843-0706
 352-236-0744
 212-333-5766
 609-799-5071
 310-952-2111
 800 26-SCIENCE
 905-886-5000
 +41 1 870-7511
 914-347-7878

LIGHTING CONTROLS, DIMMERS

Barbizon Light
 Bardwell & McAlister Inc
 Bogen Photo Corp
 Colortran Inc
 Desisti Lighting
 Dove Systems
 Electronics Diversified Inc
Frezzi Energy Systems
 Group One Ltd
 Hubbell Inc Wiring Device - Kellems
 Lepreux/CAE Inc
 LTM Corp of America
 Lumitrol Ltd
 Osram Sylvania Inc
 Packaged Lighting Systems Inc
 Premier Lighting & Production Co
 Richmond Sound Design Ltd
 Strand Lighting Inc
 Theatre Service & Supply Corp
Videssence
 Vincent Lighting Systems Co
 Walter Brewer Corp

617-935-3920
 818-834-6136
 201-818-9500
 818-843-1200
 201-319-1100
 805-541-8292
 503-645-5533
201-427-1160
 516-249-3662
 203-882-4800
 810-231-9373
 818-767-1313
 416-424-4284
 508-777-1900
 914-778-3515
 818-762-0884
 604-664-5860
 310-637-7500
 410-467-1225
415-579-7577
 216-475-7600
 918-493-7323

LIGHTING-PORTABLE

Ac-cetera Inc
 Adwar Video

412-344-8609
 516-349-1800

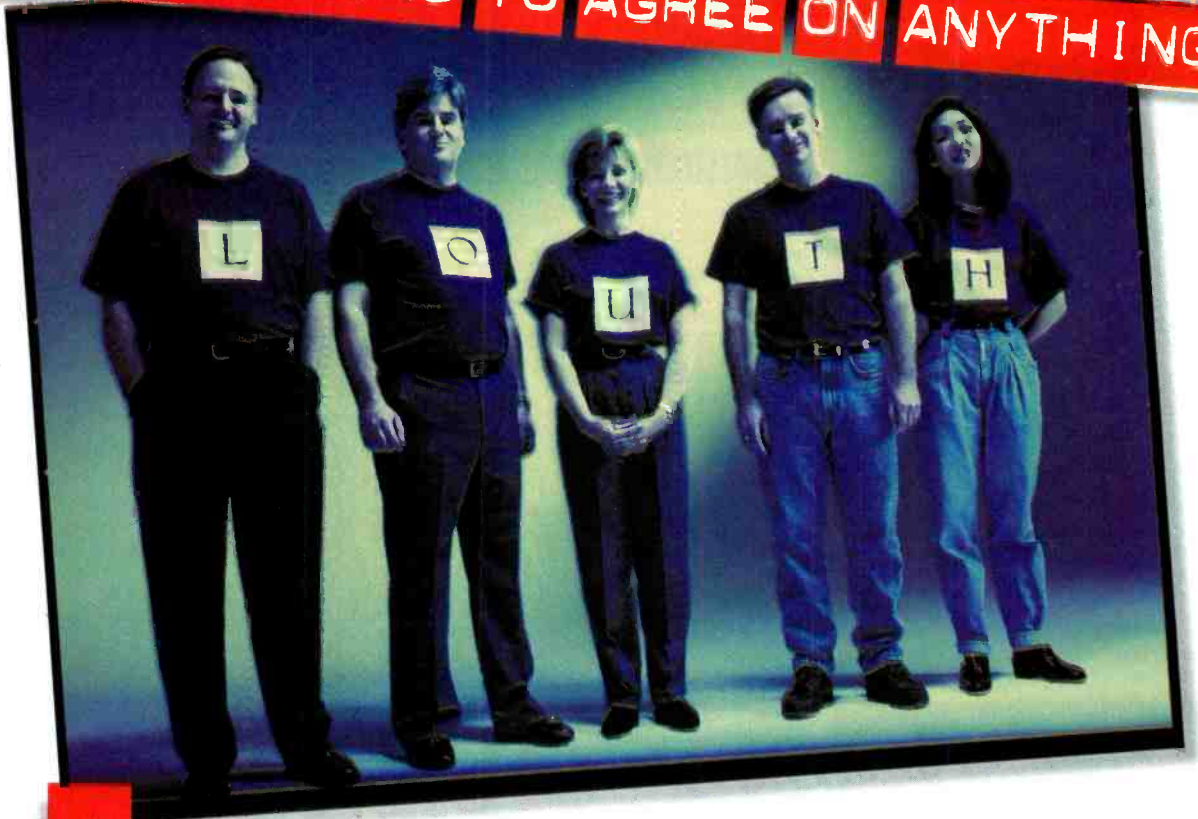


Anton/Bauer 203-929-1100

APS Professional Video Products
 Arriflex Corp
 Barbizon Light
 Bardwell & McAlister Inc
 Birns & Sawyer Inc
 Bogen Photo Corp
 Broadcast Marketing Int'l Ltd

718-628-6800
 914-353-1400
 617-935-3920
 818-834-6136
 213-466-8211
 201-818-9500
 203-335-2000

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Actually, when it came time to standardize on one disk interface protocol, it wasn't that hard. The top ten manufacturers of disk systems overwhelmingly chose The Louth Protocol.

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Circle (20) on Free Info Card

Product Directory

CAE Inc/Little 810-231-9373
 Chimera 303-444-8000
 Cine 60 Inc 212-586-8782
 Colorfran Inc 818-843-1200
 Comprehensive Video Group 201-229-0025
 Dedotec USA Inc 201-857-8118
 Desisti Lighting 201-319-1100
 Flash Technology Corp of America 615-377-0600

Frezzi[®] ENERGY SYSTEMS

Frezzi Energy Systems 201-427-1160

Group One Ltd 516-249-3662
 Kata USA - Ste-Man Inc. 805-520-4725
 Keystone Metal Products Inc 818-846-9210
 K5600 Inc 818-762-5756
 Lee Filters Ltd +44(0)1264-66245
 Leonetti Company 213-469-2987
 Lighttech Group Inc 718-525-2900
Lowel-Light Mfg Inc 718-921-0600
 LTM Corp of America 818-767-1313
 Lumitrol Ltd 416-424-4284
 M C Lights & Mfg 705-739-7886
 Mole-Richardson Co 213-851-0111
 Packaged Lighting Systems Inc 914-778-3515
 PEP Inc 212-246-2490
 Premier Lighting & Production Co 818-762-0884
 Quality Video Supply 201-229-9800
**Sachtler AG -
 Kommunikations-technik +49(0)89-32158-241
 Sachtler Corp of America 516-867-4900**
 Strand Lighting Inc 310-637-7500
 Theatre Service & Supply Corp 410-467-1225
Videsence 415-579-7577
 Vincent Lighting Systems Co 216-475-7600
 Walter Brewer Corp 918-493-7323
 F J Westcott Co 419-243-7311

LIGHTING-STUDIO

Ac-cetera Inc 412-344-8609
 Adwar Video 516-349-1800
 Apollo Presentation Products 516-467-8033
 APS Professional Video Products 718-628-6800
ASACA/ShibaSoku 310-827-7144
 Barbizon Light 617-935-3920
 Birns & Sawyer Inc 213-466-8211
 Bogen Photo Corp 201-818-9500
 Cool-Lux 805-482-4820
 Dedotec USA Inc 201-857-8118
 Desisti Lighting 201-319-1100
DW Electrochemicals Ltd 905-508-7500
 FM Systems Inc 714-979-3355
 Gray Supply Co 219-398-2362
 Group One Ltd 516-249-3662
 HPG Industries 718-479-3011
Lowel-Light Mfg Inc 718-921-0600
 LTM Corp of America 818-767-1313
 Lumitrol Ltd 416-424-4284
 Minolta/Instrument Systems Div 201-818-3517
 Mole-Richardson Co 213-851-0111
 L E Nelson Sales Corp 702-367-3656
 OpTex +44(0)181-4412199
 Osram Sylvania Inc 508-777-1900
 Packaged Lighting Systems Inc 914-778-3515
 Philips Lighting 908-563-3000
 Photomart Cine-Video Inc 407-851-2780
 Premier Lighting & Production Co 818-762-0884
 Pro Battery Inc 770-449-5900
**Sachtler AG-Kommunikations-
 technik +49(0)89-32158-241
 Sachtler Corp of America 516-867-4900**
 A W Sperry Instruments Inc 516-231-7050
 Strand Lighting Inc 310-637-7500
 Techni-Tool Inc 610-825-4990
 Theatre Service & Supply Corp 410-467-1225
 Vantage Lighting Inc 415-507-0402

VIDESSENCE

Videsence 415-579-7577

Vincent Lighting Systems Co 216-475-7600
 Walter Brewer Corp 918-493-7323

LINE DOUBLERS, QUADRUPLES

AmPro/Prosumer Display Systems 617-932-4800
 Dwin Electronics 818-956-1608
 Extron Electronics 714-491-1500
Faroudja Laboratories 408-735-1492
 Feral Industries
 James Grunder & Assoc 913-492-4666
 Inline Inc 310-690-6767
Miranda Technologies 514-333-1772
 Thomson Broadcast 201-569-1650

MASTER CONTROL SWITCHERS

Chyron Corp 516-845-2026
 Command Corp 813-724-1220
 GP Enterprises Inc 512-749-7026
 Image Video 416-438-3940
 Keystone Communications 310-845-3706
 NTP Elektronik A/S +45 4453 1188
Ogenic On Air Systems 619 479 1711
 Philips Broadcast Television Systems 805-584-4700
 Pro-Bel Ltd +44(0)1734 866123
 Tektronix Video & Network Div 800-547-8949
 Thomson Broadcast 201-569-1650
 Utah Scientific 801-575-8801
Videotek Inc 610-327-2292
 Vistek Electronics Ltd +44(0)1628 531221
 Wiltronix Inc 301-258-7676

MICROPHONE ACCESSORIES

Ac-cetera Inc 412-344-8609
 Adwar Video 516-349-1800
 AKG Acoustics +43 1 866 54 0
 Benchmark Media Systems Inc 315-437-6300
 Bogen Photo Corp 201-818-9500
 Broadcast Devices 914-737-5032
 BSW-Broadcast Supply Worldwide 206-565-2301
 Cabletek Electronics Ltd 604-942-1001
 Comprehensive Video Group 201-229-0025
 Countryman Associates Inc 415-364-9988
 Danish Pro Audio/Brüel & Kjær +45 4814 2828
DW Electrochemicals Ltd 905-508-7500
 FM Acoustics Ltd +41-1-725-7777
 G Prime Ltd 212-765-3415
 Blaine Lentz Lighting Assoc 818-887-7148
 Nady Systems Inc 510-652-2411
 Georg Neumann GmbH +49(0)30 4177240
 Neumann USA 860-434-5220
 Quality Video Supply 201-229-9800
 Sennheiser Electronic Corp 860-434-9190
 Sennheiser elektronik KG +49 5130-6000
 Symatrix 206-787-3222

MICROPHONES-WIRED

Adwar Video 516-349-1800
 AKG Acoustics +43 1 866 54 0
 BSW-Broadcast Supply Worldwide 206-565-2301
 Cabletek Electronics Ltd 604-942-1001
 Comprehensive Video Group 201-229-0025
 Countryman Associates Inc 415-364-9988
 Danish Pro Audio ApS/Brüel & Kjær +45 4814 2828
 Electro-Voice Inc 616-695-6831
 G Prime Ltd 212-765-3415
 Gold Line Inc 203-938-2588
 LPB Inc 610-644-1123
 Micron Audio Products Ltd 201-857-8150
 Georg Neumann GmbH +49(0)30 4177240
 Neumann USA 860-434-5220
 Neutrik AG +41-75-237-2424
 Quality Video Supply 201-229-9800
 Sanken Microphones 213-845-1155
 Sennheiser Electronic Corp 860-434-9190
 Sennheiser elektronik KG +49 5130-6000
 Soundelux/Group One Ltd 516-249-1399
 Telex Communications Inc 612-884-4051

MICROPHONES-WIRELESS

Adwar Video 516-349-1800
 AKG Acoustics
 Harman Pro North America 615-399-2199

APS Professional Video Products 718-628-6800
 ATI-Audio Technologies Inc 215-443-0330
 Atlas/Soundolier - Atapco
 Security & Com 314-349-3110
 Audio Ltd +44-181-743-1518
 Audio Ltd USA 718-728-2654
 Audix Corp 503-682-6933
 Azden Corp 516-328-7500
 Barbizon Light 617-935-3920
 beyerdynamic 516-293-3200
 Bogen Communications Inc 201-934-8500
 Bogen Photo Corp 201-818-9500
 Brainstorm Electronics 213-845-1155
 Broadcast Equipment & Parts 561-790-4192
 BSW-Broadcast Supply Worldwide 206-565-2301
 Canford Audio +44-191-4170057
 Comprehensive Video Group 201-229-0025

COMTEK[™]

First Quality in Wireless Sound

Comtek Inc 801-466-3463

Connectronics Corp 203-375-5577
 Continental Electronics Corp 214-381-7161
 Countryman Associates Inc 415-364-9988
 Crown Broadcast 219-294-8050
 Danish Pro Audio/Brüel & Kjær +45 4814 2828
 Electro-Voice Inc 616-695-6831
 Emo Systems Ltd +44-191-373-0787
 Fostex America 310-921-1112
 Fostex Corp +81-425-46-4974
 Full Compass Systems Ltd 608-831-7330
 Gold Line Inc 203-938-2588
 GP Enterprises Inc 512-749-7026
 Group One Ltd 516-249-3662
 Har-Ken Specialties 201-373-2762
 HNB Communications Ltd +44(0)181-962-5000
 Lakeside Associates Inc 714-770-6601
 Lectrosonics Inc 505-892-4501
 Light Wave Systems 818-780-3002
 LTM Corp of America 818-767-1313
 Mark IV Pro Audio Group 616-695-4750
 Micron Audio Products Ltd 201-857-8150
 Milab Microphones 516-249-1399
 Nady Systems Inc 510-652-2411
 Georg Neumann GmbH +49(0)30 4177240
 Neumann USA 860-434-5220
 OpTex +44(0)181-4412199
 Panasonic Broadcast & Television 800-524-0864
 Panasonic Pro Audio/Ramsa 714-373-7277
 Perma Power Electronics Inc 847-940-0010
 Photomart Cine-Video Inc 407-851-2780
 PRECO (Broadcast Systems) Ltd +44-181-644-4447
 Pro Battery Inc 770-449-5900
 Pro Power Products 818-558-6222
 Professional Sound Corp 805-295-9395
 Quality Video Supply 201-229-9800
 Quickset International Inc 708-498-0700
 Rapco International 800-467-2726
 RCI Systems Inc 301-984-1800
 Redding Audio Inc 203-270-1808
 The Rip-Tie Co 415-543-0170
 Rupert Neve
 Samson Technologies Corp 516-364-2244
 Sanken Microphones 213-845-1155
 Sennheiser elektronik KG +49 5130-6000
 Sennheiser Electronic Corp 860-434-9190
 Shure Brothers Inc 847-866-2200
 Shuttlesound Ltd +44(0)181687-2523
 Siemens Audio Co 212-949-2324
 Sony Business & Professional 201-930-6576
 Soundfield Research Ltd +44-1924-201-089
 Spectra Sonics 801-392-7531
 SSL Industries Inc 916-644-0233
 Systems Wireless Ltd 703-471-7887
 Tannoy/TGI North America 519-745-1158
 Telex Communications Inc 612-884-4051
 TOA Electronics Inc 415-588-2538
 University Sound 405-324-5311
 Vega Wireless/Mark IV 818-442-0782
 Wavequip Research Ltd 416-293-1042
 Wave:Space Inc 714-770-6601
 Whirlwind 716-663-8820

Product Directory

MICROWAVE EQUIPMENT

Advent Communications Ltd	+44(0)1494 774400
BAF Communications Corp	407-324-8250
Bext Inc	619-239-8462
Broadcast Equipment & Parts	561-790-4192
Broadcast Microwave Services	619-560-8601
CANARE	818-365-2446
Channel Master	919-934-9711
CommSpec	508-373-0657
Continental Electronics Corp	214-381-7161
Continental Microwave Ltd	+44-1582-424233
CPI Canada Inc	905-877-0161
Elantec Semiconductor Inc	408-945-1323
EMCEE Broadcast Products	717-443-9575
Energy-Onix Broadcast Equipment	518-828-1690
E-N-G Mobile Systems Inc	510-798-4060
ETM Electronic Inc	510-797-1100
FLIR Systems	707-526-6659
FM Systems Inc	714-979-3355
Frequency Products Inc	415-364-0600
Frontline Communications	813-573-0400
Gabriel Electronics Inc	207-883-5161
General Microwave Services Inc	760-631-8021
Geneva Aviation	206-353-7400
GP Enterprises Inc	512-749-7026
Harris Corp/Broadcast Div/Systems	606-282-4800
Ikegami Electronics (USA) Inc	201-368-9171
Intraplex Inc	508-692-9000
JFW Industries	317-887-1340
JNS Electronics Inc	408-729-3838
Kintronic Labs Inc	423-878-3141
LBA Technology	919-757-0279
Ledtronics Inc	310-534-1505
Link Communications SA	+34 3 347-1457
M/A-Com Inc	508-453-3100
Marcom	408-438-4273
Marti Electronics	817-645-9163
Microwave Filter Co Inc	315-437-3953
Microwave Networks Inc	281-495-7123
Microwave Radio Communications	508-250-1110
Modulation Sciences	908-302-3090
Moseley Associates Inc	805-968-9621
MSC Electronics Ltd	905-731-9500
NSI	410-964-8400
Nucomm Inc	908-852-3700
Nuova ELIT	+39 2 3340-2992
Precision Specialties Inc	818-349-9774
PRECO (Broadcast Systems) Ltd	+44-181-644-4447
Pulizzi Engineering Inc	714-540-4229
QEI Corp	609-728-2020
RF Systems	203-239-3311
RF Technology Inc	203-866-4283
Shook Electronics USA Inc	210-651-5700
Sony Electronics	408-432-1600
Sony Electronics	201-930-7834
Technosystem SPA	+39(0) 6 2280396
Tectan Inc	510-798-2222
Telex Communications Inc	612-884-4051
TFT Inc	408-727-7272
Thomcast	+33 1 3490-3100
Troll Technology Corp	805-295-0770
Tron-Tek Inc	918-663-4877

MIDI EQUIPMENT

Akai Digital	817-336-5114
Alesis Corp	310-558-4530
Applied Research & Technology	716-436-2720
Crookwood	+44-1628-528-026
DOD Electronics	801-566-8800
D&R Electronica bv	+31(0)294 418014
DW Electrochemicals Ltd	905-508-7500
JLCooper Electronics	310-306-4131
Lone Wolf Corp	206-728-9600
OmniSound Corp	415-457-8114
Penny & Giles Inc	310-452-4995
Richmond Sound Design Ltd	604-664-5860
Roland Corp	714-727-2100
The Synclavier Co/SOC Associates	603-448-8887
Valley Audio/Galaxy Audio	316-265-9500
Yamaha Corp of America	714-522-9011

MONITORING EQUIPMENT

ASACA/ShibaSoku	310-827-7144
------------------------	---------------------

Barco Inc	770-218-3200
Belar Electronics Lab Inc	610-687-5550
Boonton Electronics Corp	201-386-9696
Broadcast Electronics Inc	217-224-9600
Broadcast Equipment & Parts	561-790-4192
Dwight Cavendish Co	847-673-0937
C-COR Electronics Inc	814-238-2461
Continental Electronics Corp	214-381-7161
Data Check	619-578-0101
Dav Tronics	604-255-2200
Davicom Technologies	819-370-4343
Delta Electronics Inc	703-354-3350
DLE Inc	508-947-6801
Dubner International Inc	201-664-6434
FM Systems Inc	714-979-3355
GP Enterprises Inc	512-749-7026
Hewlett-Packard Co	509-921-3331
Richard Hirschmann GmbH	+43-5522-307-520
Holiday Industries Inc	612-934-4920
Ikegami Electronics (USA) Inc	201-368-9171
Inovonics Inc	408-458-0552
JVC Professional Products Co	201-794-3900
Lockheed Martin Microwave	516-231-1700
MSC Electronics Ltd	905-731-9500
Philips TV Test Equipment	+45 3288 5911
Potomac Instruments	301-589-2662
QEI Corp	609-728-2020
QSI Systems Inc	603-893-7707
Rohde & Schwarz Inc	301-459-8800
Rohde & Schwarz GmbH & Co Kg	+49-89-41292321
Sony Electronics	201-930-7834
Sony Electronics	408-432-1600
Tektronix	503-627-7111
Tektronix Video & Network Div	800-547-8949
TFT Inc	408-727-7272
Thomcast	+33 1 3490-3100
Videotek Inc	610-327-2292

MULTIMEDIA, CD-ROM

AccuWeather Inc	814-234-9601
Augan Instruments	+31(0)26-3648-966
BCD Associates	405-843-4574
CCS Europe GmbH	+49-811-5516-0
Convergent Media Systems	404-262-1555
Digital Force	212-333-5953
Digital Video Arts Ltd	215-576-7920
Digital Vision Inc	310-914-5200
Disc Mfg Inc	302-479-2500
Electric Image Inc	818-577-1627
Gefen Systems	818-884-6294
IBM	914-642-5886
Inline Inc	310-690-6767
Intergraph Computer Systems	205-730-2000
JVC Information Products	714-816-6500
Macromedia	415-252-2000
Minerva Systems Inc	408-487-2001
Pioneer New Media Technologies	310-952-2111

Prime Image

Prime Image Inc **408-867-6519**

RGB Spectrum	510-814-7000
Softimage	818-365-1359
Sony Electronics	201-930-7834
Strata Inc	801-628-5218
Studer Professional Audio AG	+41 1 870-7511
Valentino Music & Sounds Effects	914-347-7878
Videotex Systems	972-231-9200

NETWORKING PRODUCTS

AMCO Engineering Co	847-671-6670
Augan Instruments	+31(0)26-3648-966
AVID Technology Inc	508-640-6789
C-COR Electronics Inc	814-238-2461
W Clark & Associates Ltd	309-837-2244
DATAMAX Digital Systems	714-586-9907
Discreet Logic	514-272-0525
Ensemble Designs	916-478-1830
IBM	914-642-5886
Industrial Computer Source	619-677-0877

Intergraph Computer Systems	205-730-2000
Intraplex Inc	508-692-9000
JVC Information Products	714-816-6500
MegaDrive Systems Inc	310-247-0006
MicroNet Technology Inc	714-453-6100
Optivision Inc	415-855-0200
Pluto Technologies Int'l	303-402-9000
Quantel Inc	203-656-3100
Tektronix Video & Network Div	800-547-8949
VDOnet Corp	415-846-7700

NOISE REDUCTION SYSTEMS-AUDIO

Allen Avionics Inc	516-248-8080
BBE Sound Inc	714-897-6766
Circuit Research Labs Inc	602-438-0888
D&R Electronica bv	+31(0)294 418014
FM Systems Inc	714-979-3355
Gold Line Inc	203-938-2588
Netwell Noise Control	612-939-9845
Sennheiser elektronik KG	+49 5130-6000

NOISE REDUCTION SYSTEMS-VIDEO

ADT (Applied Digital Technology)	352-338-0516
A J Technology	617-969-0547
Alcatel Components	+61 3 9555 1566
Allen Avionics Inc	516-248-8080
APS Professional Video Products	718-628-6800
Audio-Video Engineering Co	516-546-4239
Avitel Electronics Ltd	+44(0)181655-3200
Avitel Inc	801-977-9553
Brainstorm Electronics	213-845-1155
Broadcast Video Systems Ltd	905-764-1584
Comband/Microwave Filter Co	315-437-3953
Da Vinci Systems	954-484-8100
Deerfield Laboratory	415-962-8707
Digital Vision (DV Sweden AB)	+46 8 182465
Digital Vision Inc	310-914-5200
DT Electronics Ltd	+44(0)1203-466500
FM Systems Inc	714-979-3355
For-A Co Ltd	+81-3-3446-3936
For-A Corp of America	714-894-3311
Image Video	416-438-3940
Inline Inc	310-690-6767
Intelvideo Inc	203-348-9229
IRT Electronics Pty Ltd	+61 2 4393744
J-Lab	310-457-4090
KR Electronics Inc	908-636-1900
Kramer Electronics	201-229-1059
Merlin Engineering Works Inc	415-856-0900
MicroVideo Ltd	+44(0)1223834119
Microwave Filter Co Inc	315-437-3953
Netwell Noise Control	612-939-9845

NOVA SYSTEMS

A VIDEOINCS COMPANY

Nova Systems Inc **860-693-0238**

Options International	615-327-8090
Pandora International Ltd	+44-1474-561000
Philips Broadband Networks Inc	315-682-9105
Philips Broadcast Television Systems	805-584-4700
Philips Broadcast Television Systems	+49(0)6155 870-0
Photomart Cine-Video Inc	407-851-2780
Sabine Inc	904-418-2000
Snell & Wilcox	+44(0)1730 821188
Sony Business & Professional Group	201-930-6576
TTE Inc	310-478-8224
Video Engineering Ltd	+44-171-434-9751
Video Int'l Development Inc	516-243-5414
Video International Development Corp	516-243-5414
Y/C Plus Inc	913-235-5014

ON-AIR PRESENTATION

Alamar USA Inc	408-866-9373
American Broadcast Systems Inc	512-837-3737
APS Professional Video Products	718-628-6800
ASACA/ShibaSoku Corp of America	310-827-7144
ASC Audio Video	818-843-7004
Audiomation Systems	+44(0)1207-529-444
Augan Instruments	+31(0)26-3648-966
AVID Technology Inc	508-640-6789

Product Directory

AVS Graphics Ltd +44(0)1990 003220
 Channelmatic Inc 619-445-2691
 Compromper 608-785-7766
 Comtech Antenna Systems Inc 407-892-6111
 Dateq Audio Technologies +31(0)36-547-2222
 Diaquest Inc 510-526-7167
 Philip Drake Electronics +44(0)1707 333866
 EVS Broadcast Equipment +32 41 22.00.70
 FloriCal Systems Inc 352-972-8326
 Image Logic Corp 301-907-8891
 Image Video 416-438-3940
 Interface Engineering Corp 416-510-1051
 JL Cooper Electronics 310-306-4131
 Leightronix 517-694-8000
Louth Automation **415-843-3665**
 Mainframe Computer Graphics Ltd 416-391-4500
 The Management 417-625-9761
 MATCO Inc 408-353-2670
 Media Computing Inc 602-582-2600
 MEMEX Software Inc 604-731-0831
 Nagra Lysis sa +41-21-732-0404
 Nesbit Systems Inc 609-799-5071
 The Network Connection Inc 770-751-0889
 Nytone Inc 801-973-4090
Odetics Broadcast **714-774-2200**
Ogenic On Air Systems **619 479 1711**
 Panasonic Broadcast & Television 800-524-0864
 Philips Broadcast Television Systems +49(0)6155 870-0
 Pioneer New Media Technologies 310-952-2111
 Planon Telexpertise Inc 514-449-6481
 Pro-Bel Inc 770-396-1971
 Recognition Concepts Inc 702-882-7817
 Sony Business & Professional Group 201-930-6576
 Spaceward Graphics Ltd +44(0)1353 741222
 Tandberg Data Storage AS +47 22 18 90 90
 Tech Electronics Inc 770-446-1416
 Tektronix Video & Network Div 800-547-8949
 Tel-Test Inc 352-374-4503
 Texscan MSI 801-359-0077
 Thomson Broadcast 201-569-1650
 Time Logic Inc 702-833-0200
 Video Data Systems 516-231-4400
 VideoFusion Ltd Partnership 419-891-1090

POWER CONVERSION, PROTECTION

Alcatel Components +61 3 9555 1566
 Alpha Technologies 360-647-2360
 Andrew Corp 708-349-3300
 Best Power Unit of General Signal 608-565-7200
 Broadcast Equipment & Parts 561-790-4192
 Columbine Systems 303-237-4000
 Computer Power Inc 908-638-8000
 Continental Electronics Corp 214-381-7161
 Control Concepts Corp/Liebert 607-724-2484
 J E Cuesta Co Inc 610-935-0400
 Current Technology Inc 972-238-5300
 Curtis Mfg Co 800-955-9514
 Peter Dahl Co Inc 915-751-2300
 Deltec Electronics Corp 619-291-4211
 Exeltech 817-595-4969
 Exide Electronics Group Inc 919-872-3020
 FM Systems Inc 714-979-3355
 Furman Sound Inc 415-927-1225
 FWT 817-457-3060
 GC Thorsen Inc 815-968-9661
 Hipotronics Inc 914-279-8091
 Hubbell Inc Wiring Device - Kellems 203-882-4800
 Innovative Technology Inc 909-799-0713
 Instrumentation & Control Systems Inc 630-543-6200
 Joslyn Electronic Systems Corp 805-968-3551
 Kalglo Electronics Co Inc 610-837-0700
 Kay Industries Inc 219-236-6220
 Kensington Microwave Ltd 412-572-2700
 LEA Dynatech 813-621-1324
 Liebert Corp 714-457-3600
 Lightning Eliminators & Consultants Inc 303-447-2828
 Lightning Master Corp 813-447-6800
 Lightning Prevention Systems 609-767-7209
 LPB Inc 610-644-1123
 Lyncole XIT Grounding 310-214-4000
 Marcom 408-438-4273
 MCG Electronics Inc 516-586-5125
 Meirick Inc 417-466-3941
 Newark Electronics 800-298-3133

Northern Technologies Inc 509-927-0401
 On-Line Power 213-721-5017
 Perma Power Electronics Inc 867-940-0010
 PolyPhaser Corp 702-782-2511
 Pro Power Products 818-558-6222
 Pulizzi Engineering Inc 714-540-4229
 Rathbone Energy Systems Inc 770-975-8052
 Reliance Comm/Tec 216-246-6967
 Shintron Co Inc 508-371-7500
 Square D - EPE 714-557-1636
 Staco Energy Products Co 937-253-1191
 Techni-Tool Inc 610-825-4990
 Transtector Systems 208-772-8515
 Tripp Lite 312-755-5400
 United Power Corp 804-254-5730
 Warner Electric/Superior Electric 860-585-4500
 Westinghouse 410-584-3011
 Woods Industries 317-844-7261
 Xentek Inc 760-471-4001
 ZZZap Power 514-369-4919

PRODUCTION FACILITIES, SERVICES

Adwar Video 516-349-1800
 Augan Instruments +31(0)26-3648-966
 Balboa Capital Corp 714-756-0800
 Franklyn R Beemish 919-435-6179
 Convergent Media Systems 404-262-1555
 Cycle-Sat Inc 312-670-5100
 Evolving Video Technologies 303-456-1450
 FM Systems Inc 714-979-3355
 John Gorrell Woodworking 770-994-7194
 HAVE Inc 518-828-2000
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 METROPOST 512-476-3876
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 Pinnacle System 415-526-1600
 Qutron 201-327-3259
 Sony Electronics 201-930-7834
 Steenbeck Inc 818-998-4033
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 XAOS Tools 415-538-7000

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 Command Corp 813-724-1220
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 Fast Electronic US Inc 415-295-3500
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 For-A Corp of America 714-894-3311
 GP Enterprises Inc 512-749-7026
 Image Labs 914-737-4420
 Image Video 416-438-3940
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 J-Lab 310-457-4090
 JVC +81 426-60-7560
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 Multidyne Inc 516-671-7278
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 PESA Switching Systems Inc 205-726-9200
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 Philips Broadcast Television Systems 805-584-4700
 Pro-Bel Inc 770-396-1971
 Ross Video Ltd 613-652-4886
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 Snell & Wilcox +44(0)1730 821188
 Sony Business & Professional Group 201-930-6576
 Sony Electronics 201-930-7834
 Sony Electronics 408-432-1600
 Tektronix 503-627-7111
 Tektronix Video & Network Div 800-547-8949
 Tel-Test Inc 352-374-4503
 TeXtronix/Grass Valley Products 916-478-3000

Thomson Broadcast 201-569-1650
 VGV Inc (Video Gainesville) 352-372-0270
Videotek Inc **610-327-2292**
 Vistek Electronics Ltd +44(0)1628531221

PROFESSIONAL ORGANIZATIONS

Broadcast Technology Society/IEEE 919-752-7189
 European Broadcast Union/EBU +41 22 71 72711
 FM Systems Inc 714-979-3355
 Richard Hirschmann GmbH +43-5522-307-520
 Intergraph Computer Systems 205-730-2000
 National Association of Broadcasters 202-429-5350
 SBE Society of Broadcast Engineers 317-253-1640
 SCTE 610-363-6888
 SMPTE 914-761-1100

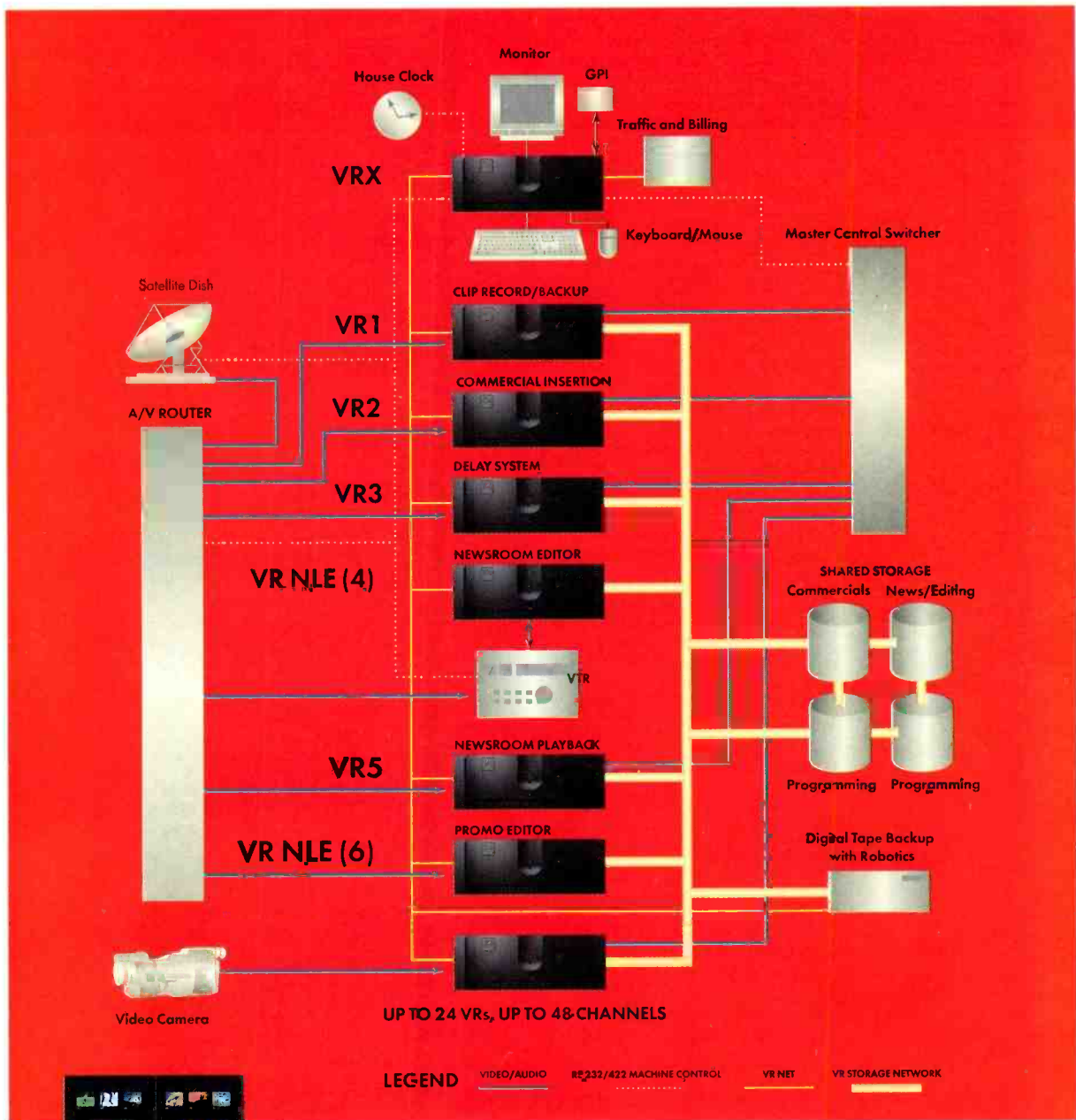
PROMPTERS, PROMPTING SOFTWARE

APS Professional Video Products 718-628-6800
 Audio Video Design 561-966-3565
 Autocue Ltd +44(0)181870-0104
 BDL Autoscript +44(0)171 5381427
 Beacon Software Inc 414-355-4460
Boland Communications **714-367-9911**
 Compromper 608-785-7766
 CPC/Computer Prompting & Captioning Co 301-738-8487
 Cue Tech Teleprompting 310-657-9434
 DLE Inc 508-947-6801
 EDS Portaprompt Ltd +44-1494-450414
ESE **310-322-2136**
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 Grozik Associates 414-355-4460
 ict GmbH +49-7025-1020
 JL Cooper Electronics 310-306-4131
 Listec Video Corp 516-273-3020
 Magic Teleprompting Inc 415-626-5283
 Matthey Electronics +44-1782-524919
 Mirror Image Teleprompter 414-232-0220
 Photomart Cine-Video Inc 407-851-2780
 PRECO (Broadcast Systems) Ltd +44-181-644-4447
 Qvestar Systems Inc 770-956-0700
Tekskill Industries Inc **604-589-1100**
 Tektronix NewStar 608-274-8686
 Tektronix Video & Network Div 800-547-8949
 Television Equipment - Matthey 914-763-8893
 Transvideo USA 805-520-1275
 Yamashita Engineering Mfg Inc +81 440462288883

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 Ac-cetera Inc 412-344-8609
 Adwar Video 516-349-1800
 Allen Avionics Inc 516-248-8080
 AMCO Engineering Co 847-671-6670
 Andrew Corp 708-349-3300
 Atlas/Soundolier - Atapco Security & Com 314-349-3110
 Avitel Electronics Ltd +44(0)181655-3200
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 BGW Systems Inc 310-973-8090
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 Braintorm Electronics 213-845-1155
 Broadcast Equipment & Parts 561-790-4192
 Bud Industries Inc 216-946-3200
 Cabbage Cases Inc 614-486-2495
 Dwight Cavendish Co 847-673-0937
 COMWAVE 717-474-6751
 Continental Electronics Corp 214-381-7161
 J E Cuesta Co Inc 610-935-0400
 Delta Designs 800-368-9700
 DLE Inc 508-947-6801
 Electrack Products Co 714-776-5420
 Emcor Products 507-289-3371
 Equipto Electronics Corp 608-897-4691
 Ergo 714-992-0874
 Fidelipac Corp 609-235-3900
 Future Case 508-626-2277
 FWT 817-457-3060
 General Devices Co Inc 317-897-7000
 Gepco International 312-733-9555
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Kintronic Labs Inc 423-878-3141
Leader Instruments Corp 516-231-6900
Leprecon/CAE Inc 810-231-9373
M C Lights & Mfg 705-739-7886
Marco Inc 205-323-8070
Marcom 408-438-4273
Meret Optical Communications 310-828-7496
L E Nelson Sales Corp 702-367-3656
Neumade Products Corp 203-866-7600
Newark Electronics 800-298-3133
Newton Instrument Co 919-575-6426
OEI Electronics Systems Inc 908-735-0543
Ogenic On Air Systems 619-479-1711
Old Dominion Broadcast Eng Service 804-740-4717
Pacific Recorders & Engineering 760-438-3911
Packaged Lighting Systems Inc 914-778-3515
Penn Fabrication Inc 805-529-4962
Perma Power Electronics Inc 847-940-0010
Philips TV Test Equipment +45 3288 5911
Photomart Cine-Video Inc 407-851-2780
Powemark Case Corp 303-421-7912
PRECO (Broadcast Systems) Ltd +44-181-644-4447
Ram Broadcast Systems 847-382-7575
Roll-A-Reel Co 513-761-8500
Ruslang Corp 203-384-1266
Sescom Inc 702-565-3400
Skaggs Telecommunications Svcs 801-263-1370
Sound Designers Studio 212-757-5679
Stantron Cabinets 818-890-3445
Star Case Mfg Co Inc 219-922-4440
Tek Media Supply Co 847-677-3000
Titus Technological Labs 860-633-5472
Vantage Lighting Inc 415-507-0402
Vantage Point Products Corp 310-949-4886
Videssence 415-579-7577
Walter Brewer Corp 918-493-7323
Wenger Corp 507-455-4100
Winsted Corp 612-944-9050
Zero Stantron 818-890-3445

RECORDERS-AUDIO (NON-REMOVABLE MEDIA)

AEV SRL +39 51 950249
Aguan Instruments +31(0)26-3648-966
BSW-Broadcast Supply Worldwide 206-565-2301
Denon Electronics 201-575-7810
Doremi Labs Inc 213-874-3411
Fast Forward Video 714-852-8404
Henry Engineering 818-355-3656
LPB Inc 610-644-1123
McCurdy Radio Industries Ltd 416-248-6155
MicroNet Technology Inc 714-453-6100
Ogenic On Air Systems 619-479-1711
QuVis 415-457-3005
Richmond Sound Design Ltd 604-664-5860
Sony Electronics 201-930-7834
Sony Electronics 408-432-1600
360 Systems 818-991-0360
Wide Range Electronics 314-230-7178

RECORDERS-AUDIO (REMOVABLE MEDIA)

AEQ SA +34 1 686-1300
Akai Digital 817-336-5114
Alesis Corp 310-558-4530
APS Professional Video Products 718-628-6800
ASACA/ShibaSoku 310-827-7144
ASC Audio Video 818-843-7004
Audi-Cord Corp 309-452-9461
Audio Follow +33 1 4607 2626
Aguan Instruments +31(0)26-3648-966
Brainstorm Electronics 213-845-1155
Broadcast Automation Inc 972-487-5810
Broadcast Cartridge Service 714-898-7224
Broadcast Electronics Inc 217-224-9600
Broadcast Equipment & Parts 561-790-4192

BSW-Broadcast Supply Worldwide 206-565-2301
Canford Audio +44-191-4170057
Cartworks 601-856-9080
Continental Electronics Corp 214-381-7161
Denon Electronics 201-575-7810
Digigram +33 7652.4747
Digital Expressions Inc 206-718-9895
Digital Force 212-333-5953
Doremi Labs Inc 213-874-3411
Philip Drake Electronics +44(0)1707 333866
Ergo 714-992-0874
Fidelipac Corp 609-235-3900
Fostex America 310-921-1112
Fostex Corp +81-425-46-4974
Full Compass Systems Ltd 608-831-7330
Gauss 213-875-1900
Graff Electronic Machines Ltd +44-1636-893036
Green Dot Audio 615-367-9242
HHB Communications Ltd +44(0)181-962-5000
International Tapetronics Corp 309-828-1381
JLCooper Electronics 310-306-4131
JVC Information Products 714-816-6500
JVC +81 426-60-7560
KABA Research & Development 415-883-5041
LPB Inc 610-644-1123
Lyrec Mfg A/S +45 4453 2522
The Management 817-625-9761
Management Graphics 612-854-1220
Marantz Professional +31(0)40-2734589
Media Touch Systems Inc 603-893-5104
Micro Technology Unlimited 919-870-0344
MicroNet Technology Inc 714-453-6100
Micropolis Corp 818-709-3300
Nagra Kudelski SA +41(0)21 732-0101
NXT Generation 201-579-4849
Otari Corp 415-341-5900
Pacific Recorders & Engineering 760-438-3911
Panasonic Pro Audio/Ramsa 714-373-7277
Photomart Cine-Video Inc 407-851-2780
Pioneer New Media Technologies 310-952-2111
Plastic Reel Corp of America 201-933-5100
PRECO (Broadcast Systems) Ltd +44-181-644-4447
Professional Management Services 864-370-2400
Prophet Systems Inc 308-284-8450
QMI 508-435-3666
Questech Ltd +44(0)1734-787209
QuVis 415-457-3005
Recognition Concepts Inc 702-882-7817
Roland Corp 714-727-2100
SADiE Inc 615-327-1140
Schafer World Communications Corp 540-783-2000
Siemens Audio Co 212-949-2324
Sierra Design Labs 702-831-7837
Solidyne +54 1 701-8622
SONDOR Willy Hungerbühler AG +41 1 391-3122
Sonic Solutions 415-893-8000
Sonifex Ltd +44(0)1933 650700
Sonosax SA +41(0)21 806-0202
Sony Business & Professional Group 201-930-6576
Sony Electronics 201-930-7834
Sony Electronics Inc/Recording Media 201-476-8000
Spectral Inc 606-487-2931
Steenbeck Inc 818-998-4033
Studer Digitec +34 1 34 808 700
Studer Professional Audio AG +41 1 870-7511
Studer Editech 615-391-3399
Superscope Technologies/Marantz 630-820-4800
Tandberg Data Storage AS +47 22 18 90 90
TASCAM/Teac Profession 213-726-0303
Texscan MSI 801-359-0077
360 Systems 818-991-0360
Videoquip Research Ltd 416-293-1042
Wide Range Electronics 314-230-7178
Zonal Ltd +44(0)1737-767171

RECORDERS-DATA

Cybemetics 757-833-9000
FloriCal Systems Inc 352-372-8326
MicroNet Technology Inc 714-453-6100
Odetics Broadcast 714-774-2200
QuVis 415-457-3005

RECORDERS-HEADS, ACCESSORIES

Brainstorm Electronics 213-845-1155
Broadcast Equipment & Parts 561-790-4192
Canford Audio +44-191-4170057
DW Electrochemicals Ltd 905-508-7500
Fidelipac Corp 609-235-3900
Hall Electronics 804-984-4255
Hamlet Video International Ltd +44(0)1494 793763
International Electro-Magnetics/IEM 847-358-4622
International Tapetronics Corp 309-828-1381
JRF Magnetic Sciences Inc 201-579-5773
KABA Research & Development 415-883-5041
Keith Monks Sound Systems +44-1726-83-3183
Neutrik AG +41-75-237-2424
Northern Magnetics Inc 612-446-1124
Nortronic 612-476-7356
NXT Generation 201-579-4849
Panasonic Broadcast & Television 800-524-0864
Photomart Cine-Video Inc 407-851-2780
Polyline Corp 847-390-7744
PRECO (Broadcast Systems) +44-181-644-4447
Saki Magnetics Inc +41-75-237-2424
Sony Electronics 408-432-1600
Sony Electronics/Recording Media 201-476-8000
Sprague Magnetics Inc 818-994-6602
Standard Tape Laboratory Inc 415-851-6600
Studer Professional Audio AG +41 1 870-7511
Studer Editech 615-391-3399
Taber Mfg & Engineering Co 619-592-7861
Tek Media Supply Co 847-677-3000
Tentel Corp 916-939-4005
Videomagnetics Inc 719-579-6643
Wide Range Electronics 314-230-7178

RECORDERS-VIDEO (NON-REMOVABLE MEDIA)

Accom Inc 415-328-3818
Adwar Video 516-349-1800
ASC Audio Video 818-843-7004
BTI Computer Systems 408-733-1122
Command Corp 813-724-1220
Digital Processing Systems/DPS 606-371-5533
DNF Industries 818-252-0198
Doremi Labs Inc 213-874-3411
Drastic Technologies 416-636-4444
Fast Electronic US Inc 415-295-3500
Fast Forward Video 714-852-8404
For-A Corp of America 714-894-3311
McCurdy Radio Industries Ltd 416-248-6155
MountainGate 702-851-9393
Odetics Broadcast 714-774-2200
Optical Disc Corp 954-946-3050
PE Photon 408-261-3613
Philips Broadcast Television Systems 805-584-4700
Pioneer New Media Technologies 310-952-2111
Pixel Instruments Corp 408-354-9122
QuVis 415-457-3005
Sony Electronics 201-930-7834
Sony Electronics 408-432-1600
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Tektronix Video & Network Div 800-547-8949
Thomson Broadcast 201-569-1650
Videotex Systems 972-231-9200
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ASACA/ShibaSoku Corp of America 310-827-7144
ASC Audio Video 818-843-7004
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BCD Associates 405-843-4574
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DLE Inc 508-947-6801
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Imagine Products Inc 317-843-0706

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 Sony Business & Professional Group 201-930-6576
 Sony Electronics 408-432-1600
 Sony Electronics 201-930-7834
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 Vela Research 813-572-1230
 Videotex Systems 972-231-9200
 Viewtronics Ltd +44(0)1483750573

Agfa Corp 201-440-2500
 All Done Duplication 805-371-5822
 Apogee Electronics Corp 310-915-1000
 APS Professional Video Products 718-628-6800
ASACA/ShibaSoku 310-827-7144
 Brainstorm Electronics 213-845-1155
 Broadcast Cartridge Service 714-898-7224
 Carpel Video 301-694-3500
 CoarcVideo 518-672-4451
 Data Security Inc 402-434-5959
 DIC Digital 201-692-7700
 Fuji Photo Film USA Inc 914-789-8100
 Full Compass Systems Ltd 608-831-7330
 Gauss 213-875-1900
 JVC Professional Products Co 201-794-3900
 Maxell Corp of America 201-794-5900

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 RTI-Research Technology Int'l 847-677-3000
 Sony Electronics/Recording Media 201-476-8000
 Tek Media Supply Co 847-677-3000
 Videotape Distributors Inc 212-581-7111

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 Wind River Broadcast Center 970-669-3442

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Broadcast Microwave Services 619-560-8601

RECORDING MEDIA-AUDIO DISCS

Apogee Electronics Corp 310-915-1000
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 DIC Digital 201-692-7700
 Digital Force 212-333-5953
 Fuji Photo Film USA Inc 914-789-8100
 Green Dot Audio 615-367-9242
 Marantz Professional +31(0)40-2734589
 MicroNet Technology Inc 714-453-6100
 Pinnacle Micro 714-789-3000
 Pioneer New Media Technologies 310-952-2111
 Sony Electronics 201-930-7834
 Sony Electronics 408-432-1600
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 Videotape Distributors Inc 212-581-7111

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 Broadcast Equipment & Parts 561-790-4192
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 Continental Electronics Corp 214-381-7161
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 Fidelipac Corp 609-235-3900
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 HHB Communications Ltd +44(0)181-962-5000
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 MicroNet Technology Inc 714-453-6100
 Panasonic Pro Audio/Ramsa 714-373-7277
 Photomart Cine-Video Inc 407-851-2780
 Polyline Corp 847-390-7744
 PRECO (Broadcast Systems) Ltd +44-181-644-4447
 Quantegy 770-486-2800
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 Scientific-Atlanta 770-903-6163
 Scientific-Atlanta 770-903-6057
 Shook Electronics USA Inc 210-651-5700
 Sony Electronics 408-432-1600
 Sony Electronics 201-930-7834
 Standard Communications Corp 310-532-5300
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 Thomcast +33 1 3490-3100
 Tiernan Communications 619-587-0252
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 Viewsonics Inc 561-998-9594
 Vistek Electronics Ltd +44(0)1628531221
 Vizcom/Satellite Systems 805-544-7900
 Waterfront Communications Corp 212-599-1011
Wegener Communications Inc 770-623-0096

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 Atlantic Satellite Communications Inc 201-784-0555
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 Convergent Media Systems 404-262-1555
 Cycle-Sat Inc 312-670-5100
 GE American Communications 609-987-4000
 Hero Productions 305-887-1600
Hughes Communications Inc 310-525-5000
 IDB Communications & Broadcast 213-240-3710
 Keystone Communications 310-845-3706
 MicroNet Inc 215-491-7400
 Norsat International 604-597-6200
 NPR Satellite Services 202-414-2626
 NTL +44(0)1962 823434
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 Satellite Export & Engineering 517-629-5990
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 Sure Shot Teleproduction & Transmission 216-747-4111
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 Waterfront Communications Corp 212-599-1011

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 Altinex 714-524-5400
 Amtel Systems Inc 416-251-2748
 APS Professional Video Products 718-628-6800
ASACA/ShibaSoku 310-827-7144
ASC Audio Video 818-843-7004
 Audio Kinetics UK Ltd +44(0)181953-8118
 Avitel Electronics Ltd +44(0)181655-3200
 Avitel Inc 801-977-9553
 AVS Graphics Ltd +44(0)1990 003220
 Axon Digital Design BV +31(0)13511 4500
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 Broadcast Systems Design 408-554-6040
 Broadcast Video Systems Ltd 905-764-1584
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 Chyron Corp 516-845-2026
 Communications Specialties 516-273-0404
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 DigiPath Video Inc 514-697-0810
 Digital Expressions Inc 206-718-9895
 Digital Vision (DV Sweden AB) +46 8 182465
 Doremi Labs Inc 213-874-3411
 DT Electronics Ltd +44(0)1203-466500
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 Editing Technologies Corp/ETC 805-584-9442
 Elantec Semiconductor Inc 408-945-1323
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Folsom Research 916-983-1500
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 Textronix/Grass Valley Products 916-478-3000
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 VAS Group Inc 818-843-4831
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 Systems Wireless Ltd 703-471-7887
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 Quality Video Supply 201-229-9800
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 TOA Electronics Inc 415-588-2538
 United States Broadcast 606-282-1802
 UREI 818-893-8411
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 VMI (Video Masters Inc) 816-587-0000
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 Electrorack Products Co 714-776-5420
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 Lakeside Associates Inc 714-770-6601
 LBA Technology 919-757-0279
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 Ram Broadcast Systems 847-382-7575
Sachtler AG 49(0)89-32158-241
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 3M Telecom Markets 512-984-3400
 Uni-Set Corp 716-544-3820
 Walter Brewer Corp 918-493-7323
 Wheatstone Corp 315-452-5000

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 AVCOM of Virginia Inc 804-794-2500
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 BVE 317-887-0996
 Chyron Corp 516-845-2026
 DLE Inc 508-947-6801
 DT Electronics Ltd +44(0)1203-466500
 DTL Broadcast Ltd +44(0)181-813-5200
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ESE 310-322-2136
 FM Systems Inc 714-979-3355
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 Horita 714-489-0240
 Image Video 416-438-3940
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Leader Instruments Corp 516-231-6900
Leitch Inc 757-548-2300
 Link Electronics Inc 573-334-4433
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 Multidyne Inc 516-671-7278
 Network Technologies Inc 216-562-7070
 Pacific Coast Marketing 408-370-3505
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 Shintron Co Inc 508-371-7500
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 Textronix/Grass Valley Products 916-478-3000
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 Vortex Communications +44(0)1815 792743
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 Yamashita Engineering Mfg Inc 310-544-9343

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 Joslyn Electronic Systems Corp 805-968-3551
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 Brüel & Kjær Instruments Inc 770-981-3998
 Circuit Research Labs Inc 602-438-0888
 Conex Electro Systems Inc 360-734-4323
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 Multidyne Inc 516-671-7278
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 Stanford Research Systems 408-744-9040
 Tally Display Corp 914-365-6393
 Techni-Tool Inc 610-825-4990
 Tektronix 503-627-7111
 TFT Inc 408-727-7272
 Titus Technological Labs 860-633-5472
 TTC/Telecommunications
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 Wandel & Goltermann +49 7121 862102
 Wide Band Engineering Co Inc 602-254-1570
Wireworks Corp 908-686-7400
 XTA Electronics Ltd +44-1299-879-977

TEST EQUIPMENT-COMPRESSION/MPEG

Audio Precision 503-627-0832
 Digital Transport Systems 619-675-1410
Hitachi Denshi America Ltd 310-328-6116
 Products International 301-587-7824
 Rohde & Schwarz Inc 301-459-8800
 Sencore Electronics 605-339-0100

Tektronix 503-627-7111
 Tektronix Video & Network Div 800-547-8949

TEST EQUIPMENT-COMPUTER NETWORK

B&B Electronics Mfg Co 815-433-5100
 Contact East Inc 508-682-2000
 Fluke Corp 206-347-6100
 Fotec Inc 617-396-6155
 Jensen Tools Inc 602-968-6231
 Neutrik AG +41-75-237-2424
 Products International 301-587-7824
 Prism Media Products Inc 908-747-7272
 StageTech Developments AB +46-40-150-018
 Techni-Tool Inc 610-825-4990
 Tektronix 503-627-7111
 TTC/Telecommunications
 Techniques Corp 301-353-1550
 Viewtronics Ltd +44(0)1483 750573
 Wavetek Corp/Instrument Div 619-279-2200
 Wiltronix Inc 301-258-7676

TEST EQUIPMENT-GENERAL

Anritsu Wiltron 408-776-8300
 Audio Precision 503-627-0832
 B&B Electronics Mfg Co 815-433-5100
 Belar Electronics Lab Inc 610-687-5550
 F W Bell Inc 407-678-6900
 Boonton Electronics Corp 201-386-9696
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 J E Cuesta Co Inc 610-935-0400
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 Dranetz Technologies Inc 908-287-3680
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 Fieldpiece Instruments 714-992-1239
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Hewlett-Packard Co 509-921-3331
 Holaday Industries Inc 612-934-4920
 Image Video 416-438-3940
 Jensen Tools Inc 602-968-6231
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 MFJ Enterprises Inc 601-323-5869
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 Multidyne Inc 516-671-7278
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 Philips Broadcast Television Systems 805-584-4700
 Photomart Cine-Video Inc 407-851-2780
 PRECO (Broadcast Systems) +44-181-644-4447
 Products International 301-587-7824
 Pulizzi Engineering Inc 714-540-4229
 Rohde & Schwarz Inc 301-459-8800
 Rohde & Schwarz GmbH +49-89-41292321
 Schmid Telecom AG 41-1-456-1111
 Sencore Electronics 605-339-0100
 Simpson Electric 708-697-2260
 Solder Absorbing Technology/SAT 413-788-6191
 Sorensen Co 619-458-0259
 A W Sperry Instruments Inc 516-231-7050
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 Stanford Research Systems 408-744-9040
 Techni-Tool Inc 610-825-4990
 Tektronix 503-627-7111
 Triplett Corp 419-358-5015
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 Techniques Corp 301-353-1550
 Viewsonics Inc 561-998-9594
 Wavetek Corp/Instrument Div 619-279-2200
 Xentek Inc 760-471-4001

TEST EQUIPMENT-RF

Altronic Research Inc 501-449-4093
 R B Annis Co Inc 317-637-9282
 Anritsu Wiltron 408-776-8300
ASACA/ShibaSoku 310-827-7144
 AudioControl Industrial 206-775-8461
 AVCOM of Virginia Inc 804-794-2500

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Boonton Electronics Corp	201-386-9696	Pacific Coast Marketing	408-370-3505	SyntheSys Research	415-364-1853
Coaxial Dynamics	216-267-2233	Philips TV Test Equipment	+45 3288 5911	System Video	+44(0)1813915678
Continental Electronics Corp	214-381-7161	Photomart Cine-Video Inc	407-851-2780	Techni-Tool Inc	610-825-4990
J E Cuesta Co Inc	610-935-0400	Planon Telexpertise Inc	514-449-6481	Tektronix	503-627-7111
Davicom Technologies	819-370-4343	Plateau Digital Technology	916-268-0190	Tektronix Video & Network Div	800-547-8949
Delta Electronics Inc	703-354-3350	PRECO (Broadcast Systems) Ltd	+44-181-644-4447	Tei-Test Inc	352-374-4503
DK-Audio	+45 4453 0255	Products International	301-587-7824	TTC/Telecommunications	
Dranetz Technologies Inc	908-287-3680	Pro-Bel Inc	770-396-1971	Techniques Corp	301-353-1550
Eagle	520-204-2597	Rohde & Schwarz Inc	301-459-8800	Videotek Inc	610-327-2292
EIP Microwave Inc	408-945-1477	Rohde & Schwarz GmbH & Co Kg	+49-89-41292321	Viewtronics Ltd	+44(0)1483750573
Fluke Corp	206-347-6100	Sencore Electronics	605-339-0100	Viz Technology	718-714-9873
General Instrument Corp	215-674-4800				
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GP Enterprises Inc	512-749-7026				
Hewlett-Packard Co	509-921-3331				
Richard Hirschmann GmbH	+43-5522-307-520				
Hitachi Denshi America Ltd	310-328-6116				
Holiday Industries Inc	612-934-4920				
Ivie Technologies Inc	801-224-1800				
JFW Industries	317-887-1340				
Kathrein-Werke KG	+49-08031-184-0				
Kay Elemetrics Corp	201-628-6200				
Leader Instruments Corp	516-231-6900				
LNR Communications Inc	516-273-7111				
Lockheed Martin Microwave	516-231-1700				
Loral Microwave-Narda	516-231-1700				
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Nuova ELIT	+39 2 3340-2992				
Pacific Coast Marketing	408-370-3505				
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Potomac Instruments	301-589-2662				
Products International	301-587-7824				
Riser-Bond Instruments	402-466-0933				
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Rohde & Schwarz GmbH & Co Kg	+49-89-41292321				
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Techni-Tool Inc	610-825-4990				
Tektronix	503-627-7111				
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TTC/Telecommunications					
Techniques Corp	301-353-1550				
Viewsonics Inc	561-998-9594				
Wandel & Goltermann	+49 7121 862102				
Wavetek Corp/Instrument Div	619-279-2200				
Wide Band Engineering Co Inc	602-254-1570				

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ASACA/ShibaSoku Corp of America	310-827-7144
Burst Electronics Inc	505-898-1455
Colorado Video Inc	303-530-9580
Comsonics	703-434-5965
Data Check	619-578-0101
Davicom Technologies	819-370-4343
Dorrough Electronics	818-998-2824
Dranetz Technologies Inc	908-287-3680
DSC Labs	905-673-3211
DT Electronics Ltd	+44(0)1203-466500
DTL Broadcast Ltd	+44(0)181-813-5200
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Fluke Corp	206-347-6100
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GP Enterprises Inc	512-749-7026
Graseby Optronics	407-282-1408
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Hewlett-Packard Co	509-921-3331
Richard Hirschmann GmbH	+43-5522-307-520
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Link Electronics Inc	573-334-4433
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APS Professional Video Products 718-628-6800
Arriflex Corp 914-353-1400
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Avitel Inc 801-977-9553
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Brainstorm Electronics 213-845-1155
Burst Electronics Inc 505-898-1455
Canford Audio +44-191-4170057
Cipher Digital 301-695-0200
W Clark & Associates Ltd 309-837-2244
Denecke Inc 818-766-3525
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ESE 310-322-2136
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For-A Corp of America 714-894-3311
FutureVideo 714-770-4416
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Horta 714-489-0240
Image Logic Corp 301-907-8891
Imagine Products Inc 317-843-0706
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JVC Professional Products Co 201-794-3900
Leitch Inc 757-548-2300
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OpTex +44(0)181-4412199
Options International 615-327-8090
Outland Technology Inc 504-367-0104
Shintron Co Inc 508-371-7500
Skotel Corp 514-333-7989
Sony Business & Professional Group 201-930-6576
Sumitomo Electric USA Inc 310-782-0227
TASCAM/Teac Profession 213-726-0303
Telcom Research 905-336-2450
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VideoLab Para Technologies 503-644-7657
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Wide Range Electronics 314-230-7178
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Biamp Systems 503-641-7287
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dB Technologies 213-845-1155
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DLE Inc 508-947-6801
DOD Electronics 801-566-8800
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Electro-Voice Inc 616-695-6831
Eventide Inc 201-641-1200
FloriCal Systems Inc 352-372-8326
For-A Corp of America 714-894-3311
Graham-Patten Systems 916-273-8412
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Lexicon Inc 617-736-0300
Merlin Engineering Works Inc 415-856-0900
Micro Technology Unlimited 919-870-0344
Georg Neumann GmbH +49(0)30 41 77240
Nova Systems Inc 860-693-0238
Ogenic On Air Systems 619 479 1711
OmniSound Corp 415-457-8114
Pacific Recorders & Engineering 760-438-3911
Panasonic Pro Audio/Ramsa 714-373-7277
Pixel Instruments Corp 408-354-9122
PRECO (Broadcast Systems) Ltd +44-181-644-4447

Prime Image

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Samson Technologies Corp 516-364-2244
Siemens Audio Co 212-949-2324
Solidyne +54 1 701-8622
Sonic Solutions 415-893-8000
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Spectra Sonics 801-392-7531
Spectral Inc 206-487-2931
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Symetrix 206-787-3222
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Vortex Communications +44(0)1815 792743
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Allen Avionics Inc 516-248-8080
ASC Audio Video 818-843-7004
FloriCal Systems Inc 352-372-8326
Hotronic Inc 408-378-3883
Matthey Electronics +44-1782-524919
Nova Systems Inc 860-693-0238

Prime Image

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Tektronix Video & Network Div 800-547-8949
Television Equipment - Matthey 914-763-8893
Wiltronix Inc 301-258-7676

TOOLS

Alpha Wire Corp 908-925-8000

CANARE

CANARE 818-365-2446

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Gepco International 312-733-9555
Jensen Tools Inc 602-968-6231
MilesTek Inc 817-455-7444
Newark Electronics 800-298-3133
ORA Electronics 818-772-2700
PACE Inc 301-490-9860
Photomart Cine-Video Inc 407-851-2780
Products International 301-587-7824
Techni-Tool Inc 610-825-4990
3M Telecom Markets 512-984-3400
Trompeter Electronics Inc 818-707-2020
Weidmuller Inc/Paladin Tools 805-499-0318
Western Electronic Production 760-723-9944

TOWER-SERVICES

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CMBE 916-933-9330
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Express Tower Co 918-783-5129
Flash Technology Corp of America 615-377-0600
Gabriel Electronics Inc 207-883-5161
JFW Industries 317-887-1340
Kline Towers 803-251-8000
LDL Communications 303-665-8000

LDL Communications Inc 301-498-2200
LeBlanc & Royle Telcom Inc 905-844-1242
Lightning Master Corp 813-447-6800
Malouf Engineering International 972-783-2578
Marcom 408-438-4273
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NTL +44(0)1962 823434
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Southern Illinois Antennas 618-564-2481
Stainless Inc 215-699-4871
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Swager Communications Inc 219-495-2515
SWR Inc 814-472-5436
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Technosystem SPA +39(0) 62280396
Telefunken Sendertechnik +49(0)30 3463-2417
Teletech Inc 313-562-6873
Tenco Tower Co 916-638-8833
Teracom Components AD +46-415-16400
Thomcast +33 1 3490-3100
Tower Network Services 954-771-7180
TWR Lighting Inc 713-973-6904
Utility Tower Co 405-946-5551
Valmont Industries/ICPD 402-359-2201

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Aluma Tower Co Inc 561-567-3423
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 Tylon TSF 519-669-5421
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 Vizcom/Satellite Systems 805-544-7900
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 Will-Burt 216-682-7015
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 Broadcast Technology Society/IEEE 919-752-7189
 C-COR Electronics Inc 814-238-2461
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TRANSLATION/VOICEOVER SERVICES

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 ERI - Electronics Research 812-925-6000
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Broadcast Microwave Services 619-560-8601
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 ComStream Corp/A Spar Co 619-458-1800
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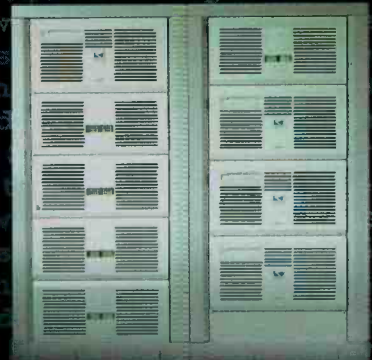
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1000 Connecticut Ave. NW #615
Washington, DC 20036
Phone: 202-659-6510
Fax: 202-223-4007

Society of Broadcast Engineers (SBE)
8445 Keystone Crossing #140
Indianapolis, IN 46240
Phone: 317-253-1640
Fax: 317-253-0418

Society of Cable Telecommunications Engineers (SCTE)
140 Phillips Road
Exton, PA 19341-1318
Phone: 610-363-6888
Fax: 610-363-5898

Society of Motion Picture & Television Engineers (SMPTE)
595 W Hartsdale Ave.
White Plains, NY 10607-1824
Phone: 914-761-1100
Fax: 914-761-3115

CONVENTION CALENDAR

Feb. 6-9
SMPTE Winter Conference
(New York)
Phone: 914-761-1100
Fax: 914-761-3115

March 16-19
NCTA (New Orleans)
Phone: 202-775-3629
Fax: 202-775-1028

March 22-25
AES-Europe (Munich)
Phone: 212-661-8528
Fax: 212-682-0477

April 7-10
NAB (Las Vegas)
Phone: 202-429-5336
Fax: 202-429-5343

June 4-7
SCTE/Cable-Tec (Orlando)
Phone: 610-363-6888
Fax: 610-363-5898

June 12-17
20th Montreux International
TV Symposium (Montreux,
Switzerland)
Phone: +41 21 963 3220
Fax: +41 21 963 8851

July 10-13
ITS Forum (Beverly Hills)
Phone: 212-629-3266
Fax: 212-629-3265

Sept. 12-16
IBC '97 (Amsterdam)
Phone: +44 (0) 171 240 3839
Fax: +44 (0) 171 497 3633

September
Satellite Communications Expo
(Washington, DC)
Phone: 303-220-0600
Fax: 303-770-0253

Sept. 26-29
AES (New York)
Phone: 212-661-8528
Fax: 212-682-0477

Nov. 21-24
SMPTE (New York)
Phone: 914-761-1100
Fax: 914-761-3115

LOOK FOR

JANUARY:

- Remote broadcasting
- Video compression
- Penny-wise automation
- Preparing for disaster

FEBRUARY:

- Video servers
- Effects systems
- New camera technology
- Digital in post

MARCH:

- NAB preview
- BE's crystal ball
- Installing back-up power systems

APRIL:

- Facility automation & networking
- Studio lighting
- Digital telcom links

MAY:

- Video recorders
- Facility showcase
- Still-store technology
- Selecting an audio console

JUNE:

- NAB in review

JULY:

- New transmitter technology
- Intercoms
- Digital layering in post
- MMDS/LMDS

AUGUST:

- Videodisk recorders
- Routing & mixing digital audio
- Where does analog make sense?
- Titling systems

SEPTEMBER:

- Digital audio update
- Installing grounding systems
- Networking digital islands

OCTOBER:

- Editing systems
- 4:2:2 or 4:1:1. Who cares?
- Production suite technology
- HDTV update
- Salary survey

NOVEMBER:

- Test equipment for digital systems
- Maintaining satellite equipment
- Software engineering in facilities
- Budgeting for ATV

DECEMBER:

- Future watch
- Industry's top 50 engineers
- Fiber in production suites
- Facility routing systems.

Manufacturers Address Directory

A

Aarmor Case Co
2100 Lapo Road
Lake Odessa MI 48849
Tel: 616-374-5431; 800-722-5763
Fax: 616-374-8686

AAS

Advanced Audio Visual Systems

AAS/Sencore
3200 Sencore Dr
Sioux Falls SD 57107
Tel: 605-339-0100; 800-769-2287
Fax: 605-335-6379

AAYS
222-226 rue de Rosny
F-93100 Montreuil France
Tel: +33 1 4988-3434
Fax: +33 1 4857 3358

ABC Audio Broadcast Group Inc
2342 S Division Ave
Grand Rapids MI 49507
Tel: 616-452-1596; 800-999-9281
Fax: 616-452-1652
E-Mail: support@abg.com
Web: http://www.abg.com

ABC Digital/Australian Broadcast
ABC Ultimo Ctr/700 Harris St #2007
Sydney Australia
Tel: +61 2 333 2209
Fax: +61 2 333 1413

Abit Ltd
Belgravina Workshops 159 Marlborough
#103
London N19 4NF England
Tel: +44 171 281 3815
Fax: +44 171 561 9622
E-Mail: bakerp@abit.co.uk

Acces I/O Products
9400 Activity Rd
San Diego CA 92126
Tel: 619-693-9005; 800-326-1649
Fax: 619-578-9711

Ac-cetera Inc
3120 Banksville Rd
Pittsburgh PA 15216
Tel: 412-344-8609; 800-537-3491
Fax: 412-344-0818
E-Mail: aaps@pgh.nauticom.net

Accom Inc
1490 O'Brien Dr
Menlo Park CA 94025
Tel: 415-328-3818
Fax: 415-327-2511
E-Mail: info@accom.com
Web: http://www.accom.com

Accurate Sound Corp
3475-A Edison Way
Menlo Park CA 94025
Tel: 415-365-2843
Fax: 415-365-3057

AccuWeather Inc
619 W College Ave
State College PA 16801
Tel: 814-234-9601; 800-566-6606
Fax: 814-231-0453
E-Mail: intemail@accuwx.com
Web: http://www.accuweather.com

ACE
31 rue de Verdun
F-78800 Houilles France
Tel: +33 1 3957 3010
Fax: +33 1 3957 5299

Acoustech
306 Maple Ridge #2
Ann Arbor MI 48103
Tel: 313-663-7013
Fax: 313-663-7013

Acoustic Sciences Corp
855 W 1st Ave
Eugene OR 97402
Tel: 541-343-9727; 800-ASC-TUBE
Fax: 541-343-9245

Acoustic Systems
415 E St Elmo St/PO Box 3610
Austin TX 78764
Tel: 512-444-1961; 800-749-1460
Fax: 512-444-2282

Acoustical Solutions
3603 Mayland Court
Richmond VA 23233
Tel: 804-346-8350; 800-782-5742
Fax: 804-346-8808
E-Mail: acoustic@richmond.inf.net
Web: http://www.acousticalsolutions.com

Acrodyn Industries Inc
516 Township Line Road
Blue Bell PA 19422
Tel: 215-542-7000; 800-523-2596
Fax: 215-540-5837

Adams-Smith
34 Tower St
Hudson MA 01749
Tel: 508-562-3801
Fax: 508-568-0404

ADC Telecommunications Inc
4900 W 78th St
Minneapolis MN 55435
Tel: 612-938-8080; 800-366-3891
Fax: 612-946-3292
Web: http://www.adc.com

ADCOM Electronics
310 Judson St #6
Toronto ON M8Z 5T6 Canada
Tel: 416-251-2748
Fax: 416-251-3977

ADM Systems
PO Box 250334
W Bloomfield MI 48325
Tel: 810-524-2100
Fax: 810-932-1991

Adobe After Effects
411 Fist Ave S
Seattle WA 98104
Tel: 206-470-7000
Fax: 206-470-7125

Adobe Systems
345 Park Ave MS @ 18
San Jose CA 95110-2704
Tel: 408-536-6000
Fax: 408-537-4004

Adrienne Electronics Corp
7225 Bermuda Rd Ste G
Las Vegas NV 89119
Tel: 702-896-1858
Fax: 702-896-3034

ADT (Applied Digital Technology)
3622 NE 4th St
Gainesville FL 32609
Tel: 352-338-0516
Fax: 352-338-1108
E-Mail: applieddigital@worldnet.att.net

Advance Products
PO Box 2178
Wichita KS 67201
Tel: 316-263-4231
Fax: 316-263-4245

Advanced Broadcast Systems
5825 Bullittsville Rd
Burlington KY 41005-0142
Tel: 606-689-0075
Fax: 606-689-0073
E-Mail: jbruffy@newwave.net

Advanced Broadcast Svcs
Victor Duncan
6305 NO'Connor #100
Irving TX 75039-3510
Tel: 972-869-0200
Fax: 972-869-2832
E-Mail: bf@vduncan.com
Web: http://www.vduncan.com

Advanced Designs Corp
1169 W 2nd St
Bloomington IN 47403
Tel: 812-333-1922
Fax: 812-333-2030
E-Mail: adc@doprad.com
Web: http://www.doprad.com

Advanced Digital Imaging
1250 N Lakeview #O
Ahaheim CA 92807
Tel: 714-779-7772
Fax: 714-779-7773

Advanced Marketing
PO Box 97
Redwood City CA 94064
Tel: 415-365-3944
Fax: 415-365-1630

Advent Communications Ltd
Nashleigh Hill
Chesham, Bucks HP5 3HE England
Tel: +44(0)1494 774400
Fax: +44(0)1494 791127

Adwar Video
303 Sunnyside Blvd
Plainview NY 11803
Tel: 516-349-1800
Fax: 516-349-1833

AEQ SA
C/Rey Pastor 36/P I Leganes
E-28914 Madrid Spain
Tel: +34 1 686-1300
Fax: +34 1 686-4492

Aerial Films Inc
35 Airport Rd
Morristown NJ 07960
Tel: 201-984-6680; 800-543-8947
Fax: 201-984-6899

AEV SRL via Saviolo I/E
Le Budrie di S Giovanni in Persiceto
I-40017 Bologna Italy
Tel: +39 51 950350
Fax: +39 51 950201
E-Mail: aevsales@aev.denct.it
Web: http://www.afair.com/aev/

AF Associates Inc
100 Stonehurst Court
Northvale NJ 07647
Tel: 201-750-3000
Fax: 201-784-8637
E-Mail: sales@afassoc.com

Agfa Corp
100 Challenger Road
Ridgefield Park NJ 07660
Tel: 201-440-2500
Fax: 201-440-2854

AHL Communications
2300 Meyer Rd
Ft Wayne IN
Tel: 219-426-6551; 800-426-6551
Fax: 219-426-0427

AlRcorp
PO Box 2509
Coppell TX 75019
Tel: 972-304-0455
Fax: 972-304-0550

A J Technology
265 Otis Street
West Newton MA 02165
Tel: 617-969-0547
Fax: 617-969-3889
E-Mail: ajtech@ajtechnology.com
Web: ajtechnology.com

AJA Video
200 Litton Dr # 310
Grass Valley CA 95945
Tel: 916-274-2048; 800-251-4224
Fax: 916-274-9442

Akai Digital
PO Box 2344 (1316 E Lancaster)
Fort Worth TX 76102-2344
Tel: 817-336-5114
Fax: 817-870-1271

AKG Acoustics
Lemböckgasse 21-25
A-1230 Wien Austria
Tel: +43 1 866 54 0
Fax: +43 1 866 43258

AKG Acoustics/Harman Pro North
America
1449 Donelson Pike Ste 12
Nashville TN 37217
Tel: 615-399-2199
Fax: 615-367-9046

Alamar USA Inc
1711 Dell Ave
Campbell CA 95008
Tel: 408-866-9373
Fax: 408-370-8861
E-Mail: alamar-usa.com

Alcatel Components
248 Wickham Road
Moorabin Victoria 3189 Australia
Tel: +61 3 9555 1566
Fax: +61 3 9553 3801

Alcatel STR AG
Friesenbergstrasse 75
CH-8055 Zurich Switzerland
Tel: +41(0)1 465-2426
Fax: +41(0)1 465-3440

Alden Electronics Inc
40 Washington St
Westboro MA 01581
Tel: 508-366-8851
Fax: 508-898-2427

Alesis Corp
35 Airpore Ave
Los Angeles CA 90016
Tel: 310-558-4530; 800-5-ALESIS
Fax: 310-836-9192

Alexander Batteries
1511 S Garfield Place
Mason City IA 50401
Tel: 515-423-8955; 800-247-1821
Fax: 515-423-1644

Alias/Wavefront
110 Richmond St E
Toronto ON/M5C 1P1 Canada
Tel: 416-362-9181
Fax: 416-362-0630
E-Mail: info@aw.sgi.com
Web: www.aw.sgi.com

All Done Duplication
780-C Lakefield Rd
Westlake Village CA 91361
Tel: 805-371-5822; 800-All-Done
Fax: 805-371-5825

Allen & Heath
8760 S Sandy Parkway
Sandy UT 84070
Tel: 801-568-7660; 800-777-1363
Fax: 801-568-7662

Allen Avionics Inc
224 E 2nd St
Mineola NY 11501
Tel: 516-248-8080
Fax: 516-747-6724

Allen Osborne Associates
756 Lakefield Road Unit J
Westlake Village CA 91361
Tel: 805-495-8420
Fax: 805-373-6067
E-Mail: aoa@netcom.com

Allied Tower Co Inc
12450 Galveston Road
Webster TX 77598
Tel: 281-486-7691; 800-332-0025
Fax: 281-486-6562

Alpha Image Ltd
4 Votec Centre - Hambridge Lane
Newbury Berks RG14 5TN England
Tel: +44(0)1635 521939
Fax: +44(0)1635 528387

Alpha Technologies Europe Ltd
Cartel Bus Est. Edinburgh Way
Harlow Essex England
Tel: +44-1279-422110
Fax: 44-1279-423355

Manufacturers Address Directory

Alpha Technologies
3767 Alpha Way
Bellingham WA 98225
Tel: 360-647-2360
Fax: 360-671-4936

Alpha Video & Electronics Co
200 Keystone Dr
Carnegie PA 15106
Tel: 412-429-2000
Fax: 412-429-2015

Alpha Wire Corp
711 Lidgerwood Ave
Elizabeth NJ 07207-0711
Tel: 908-925-8000; 800-52-ALPHA
Fax: 908-925-6923

Alpine Optics Inc
9913 NW 20th St
Coral Springs FL 33071
Tel: 954-344-9871
Fax: 954-344-3665

Atecl Lansing
PO Box 26105
Oklahoma City OK 73126-0105
Tel: 405-324-5311
Fax: 405-324-8981

Altinex
2913 G Saturn St
Brea CA 92621
Tel: 714-524-5400; 800-258-4623
Fax: 714-524-3604
Web: <http://www.altinex.com>

Altronic Research Inc
PO Box 249
Yellville AR 72687-0249
Tel: 501-449-4093; 800-482-5623
Fax: 501-449-6000

Aluma Tower Co Inc
PO Box 2806
Vero Beach FL 32961-2806
Tel: 561-567-3423
Fax: 561-567-3432
E-Mail: atc@alumataower.com
Web: <http://www.alumataower.com>

AMCO Engineering Co
3801 N Rose St
Schiller Park IL 60176
Tel: 847-671-6670; 800-833-3156
Fax: 847-671-9469
E-Mail: 76622,1032@compuserve.com
Web: www.amcoengineering.com

AMEK Systems & Controls Ltd
Oldfield Rd, New Islington Mill Estates
Salford M5 4DE England
Tel: +44(0)1618 346747
Fax: +44(0)1618 340593

AMEK US Operations Inc
10815 Burbank Blvd
N Hollywood CA 91601
Tel: 818-508-9788; 800-366-4811
Fax: 818-508-8619
E-Mail: amek@pacifinet.net
Web: <http://www.amek.com>

American Broadcast Systems Inc
8222 Jamestown Drive #109B
Austin TX 78758
Tel: 512-837-3737; 800-950-2223
Fax: 512-837-3791

American Laser Systems
PO Box 6944
Santa Barbara CA 93160
Tel: 805-967-0423
Fax: 805-683-4382

American Mobile Satellite Corp
10802 Parkridge Blvd
Reston VA 22091
Tel: 800-872-6222
Fax: 703-758-6239
E-Mail: sts_general@skycell.com

Amigo Business Computers
192 Laurel Road
E Northport NY 11731
Tel: 516-757-7334
Fax: 516-757-7234

AML Inc
900-K Calle Plano
Camarillo CA 93012
Tel: 805-388-1345; Fax: 805-484-2191

AMP
PO Box 3608
Harrisburg PA 17105-3608
Tel: 717-564-0100; 800-522-6752
Fax: 717-986-7575

Ampco Sound Lab (ASL)
Zonnebaan 42
3606 CC Maarssenbroek
The Netherlands
Tel: +31(0)30-2414500
Fax: +31(0)30-2410638
E-Mail: info@ampco.nl

AmPro Corp
525 John Rodes Blvd
Melbourne FL 32934
Tel: 407-254-3000; 800-254-3001
Fax: 407-253-3001
E-Mail: sales@amprocorp.com
Web: <http://www.amprocorp.com>

AmPro Corp/Prosumer Display Systems
5 Wheeling Ave
Woburn MA 01801
Tel: 617-932-4800; 800-556-7733
Fax: 617-932-8756
E-Mail: emgeller@hmthtr.amprocorp.com
Web: <http://www.amprocorp.com>

AMS Neve PLC/A Siemens Co
Billington Road
Burnley, Lancs. BB11 5UB England
Tel: +44-1282-457011
Fax: +44-1282-39542

Amtel Systems Inc
310 Judson St Unit 6 # 303
Toronto ON M8Z 5T6 Canada
Tel: 416-251-2748; 416-251-3355
Fax: 416-251-3977

AMX Corp
11995 Forestgate Drive
Dallas TX 75243
Tel: 972-644-3048; 800-222-0193
Fax: 972-907-2053

Anchor Communication/Porta-Com
913 W 223rd St
Torrance CA 90502
Tel: 310-533-5984; 800-262-4671
Fax: 310-328-4680

Andrew Corp
10500 W 153rd St
Orland Park IL 60462
Tel: 708-349-3300; 800-255-1479
Fax: 800-349-5444

Angenieux SA
F-42570 Saint Heand France
Tel: +33 7730-4210
Fax: +33 7730-9709

Eric Neil Angevine PE
420 E Rogers Drive
Stillwater OK 74075-1626
Tel: 405-744-6444; 405-372-3949
Fax: 405-744-6491

R B Annis Co Inc
1101 N Delaware St
Indianapolis IN 46202
Tel: 317-637-9282
Fax: 317-637-9282

Anritsu Wiltron
685 Jarvis Drive
Morgan Hill CA 95037
Tel: 408-776-8300; 800-230-2972
Fax: 408-776-1744
Web: <http://www.anritsuwiltron.com>

Antenna Concepts Inc
6601C Merchandise Way
Diamond Springs CA 95619
Tel: 916-621-2015
Fax: 916-622-3274
E-Mail: sales@antennaconceptst.com
Web: www.antennaconceptst.com

Antenna Technology
1128 E Greenway
Mesa AZ 85203
Tel: 602-264-7275
Fax: 602-898-7667

Antex Electronics
16100 S Figueroa St
Gardena CA 90248
Tel: 310-532-3092; 800-338-4231
Fax: 310-532-8509
E-Mail: info@antex.com
Web: <http://www.antex.com>

Anthro Corp
10450 SW Manhasset Dr
Tualatin OR 97062
Tel: 503-691-2556; 800-325-3841
Fax: 800-325-0045
E-Mail: sales@anthro.com
Web: <http://www.anthro.com>



Anton/Bauer
One Controls Dr
Shelton CT 06484
Tel: 203-929-1100; 800-422-3473
Fax: 203-929-9935

Anvil Cases
15650 Salt Lake Ave
City of Industry CA 91745
Tel: 818-968-4100; 800-359-2684
Fax: 818-968-1703

Aphex Systems
11068 Randall St
Sun Valley CA 91352
Tel: 818-767-2929
Fax: 818-767-2641
E-Mail: sales@aphexsys.com
techsup@aphexsys.com
Web: www.aphexsys.com

API-Audio Products Inc
7655-G Fullerton Rd
Springfield VA 22153
Tel: 703-455-8188
Fax: 703-455-4240

Apogee Electronics Corp 3145 Donald
Douglas Loop So
3145 Donald Douglas Loop So
Santa Monica CA 90405
Tel: 310-915-1000
Fax: 310-319-6262
E-Mail: info@apogeedigital.com
Web: <http://www.apogeedigital.com>

Apollo Presentation Products
60 Trade Zone Court
Ronkonkoma NY 11779
Tel: 516-467-8033; 800-777-8033
Fax: 516-467-8996

Applied Research & Technology
215 Tremont St
Rochester NY 14608
Tel: 716-436-2720
Fax: 716-436-3942
E-Mail: artoch@aol.com; CIS:artoch@compuserve.com
Web: <http://www.artoch.com>

APS Professional Video Products
67-16 Myrtle Ave
Glendale NY 11385
Tel: 718-628-6800; 800-628-6801
Fax: 718-628-7441

Arden Technologies Inc
3403 NW 55th St
Ft Lauderdale FL 33309
Tel: 954-730-0565
Fax: 954-730-2298

Armato's Pro Video
67-16 Myrtle Ave
Glendale NY 11385
Tel: 718-628-6800; 800-628-6801
Fax: 718-627-7441
E-Mail: armatos@ix.netcom.com
Web: <http://www.avnet.org/av>

Arriflex Corp
617 Route 303
Blauvelt NY 10913
Tel: 914-353-1400
Fax: 914-425-1250

Artel Communications
22 Kane Industrial Drive
Hudson MA 01749
Tel: 508-562-2100; 800-225-0228
Fax: 508-562-1490

ARTI/Advanced Remote Technologies Inc
307 Orchard City Drive #204
Campbell CA 95008
Tel: 408-374-9044
Fax: 408-374-3623

ASA Productions
PO Box 244
Yorba Linda CA 92686
Tel: 714-998-5575
Fax: 714-998-5576



ASACA[®]
ASACA/ShibaSoku Corp of America
12509 Beatrice St
Los Angeles CA 90066
Tel: 310-827-7144; 800-423-6347
Fax: 310-306-1382

ASC Audio Video
3816 Burbank Blvd
Burbank CA 91505
Tel: 818-843-7004
Fax: 818-842-8945

Ashly Audio Inc
100 Fernwood Ave
Rochester NY 14621
Tel: 716-544-5191; 800-828-6308
Fax: 716-266-4589

The Associated Press
AP Broadcast News Center (1825 K St NW)
Washington DC 20006-1253
Tel: 202-736-1100; 800-821-4747
Fax: 202-736-1124

Associated Systems
PO Box 5211
Manchester NH 03108-5211
Tel: 603-472-2297
Fax: 800-340-1117

Aston Electronic Designs Ltd
123 Deepcut Bridge Road, Deepcut
Camberley Surrey GU16 6SD England
Tel: +44(0)1252-836221
Fax: +44(0)1252-837923
E-Mail: sales@astondes.demon.co.uk

Astre Systems
1046 Reno Ave
Modesto CA 95351
Tel: 209-575-1000; 800-949-3127
Fax: 209-575-0322
Web: <http://www.astresys.com>

Astroguide
1403 5th St
LaSalle IL 61301-2245
Tel: 815-224-2700
Fax: 815-224-2701

ATI-Audio Technologies Inc
328 W Maple Ave
Horsham PA 19044
Tel: 215-443-0330; 800-959-0307
Fax: 215-443-0394
E-Mail: les@atiguys.com
Web: <http://www.atiguys.com>

ATI Technologies
33 Commerce Valley Dr E
Thornhill ON L3T 7N6 Canada
Tel: 905-882-2600
Fax: 905-882-2620

Manufacturers Address Directory

Atlantic Satellite Communications
240 Pegasus Ave
Northvale NJ 07647
Tel: 201-784-0555
Fax: 201-767-0781

Atlas/Soundolier - Atapco Security & Comm
1859 Intertech Drive
Fenton MO 63026
Tel: 314-349-3110; 800-876-7337
Fax: 314-349-1251

Audi-Cord Corp
1845 W Hovey Ave
Normal IL 61761
Tel: 309-452-9461
Fax: 309-452-0893

Audio Accessories Inc
Mill St
Marlow NH 03456
Tel: 603-446-3335
Fax: 603-446-7543
E-Mail: audioacc@patchbays.com
Web: <http://www.patchbays.com>

Audio Design
Unit 3 Horsehoe Park
Pangbourne Berks RG8 7JW England
Tel: +44(0)1734-844545
Fax: +44(0)1734-842604
E-Mail: sales@adr.tcom.co.uk

Audio Developments Ltd
Hall Lane Walsall Wood
Walsall, W Midland WS9 9AU England
Tel: +44(0)1543-375351
Fax: +44(0)1543-361051
E-Mail: sales@audio.co.uk
Web: <http://www.audio.co.uk>

Audio Follow
73 rue de l'Evangile (CAP 18-Voie D)
F-75886 Paris Cédex 18 France
Tel: +33 1 4607 2626
Fax: +33 1 4607 0026

Audio Intervisual Design
1155 N LaBrea
W Hollywood CA 90038
Tel: 213-845-1155

Audio Kinetics UK Ltd
Kinetic Centre/Theobald St
Borehamwood Herts WD6 4PJ England
Tel: +44(0)1819 53-8118
Fax: +44(0)1819 53-1118

Audio Ltd
26-28 Wendell Road
London GB-W12 9RT England
Tel: +44-181-743-1518
Fax: +44-181-746-0086
E-Mail: 100260.2774@compuserve.com

Audio Ltd USA (Murry Rosenblum
Sound Associates)
21-36 33rd Road
Long Island City NY 11106
Tel: 718-728-2654
Fax: 718-728-2654

Audio Precision
PO Box 2209
Beaverton OR 97075
Tel: 503-627-0832
Fax: 503-641-8906

Audio Processing Technology Ltd
Edgewater Road
Belfast BT3 9JQ North Ireland
Tel: +44(0)1232 371110
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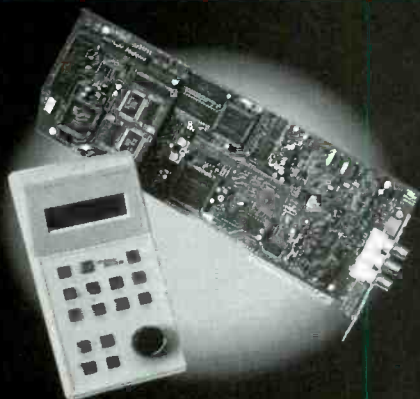
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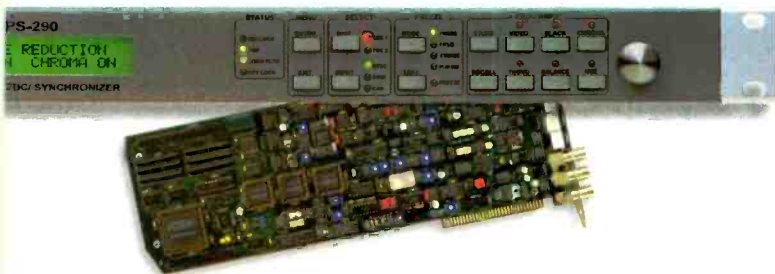
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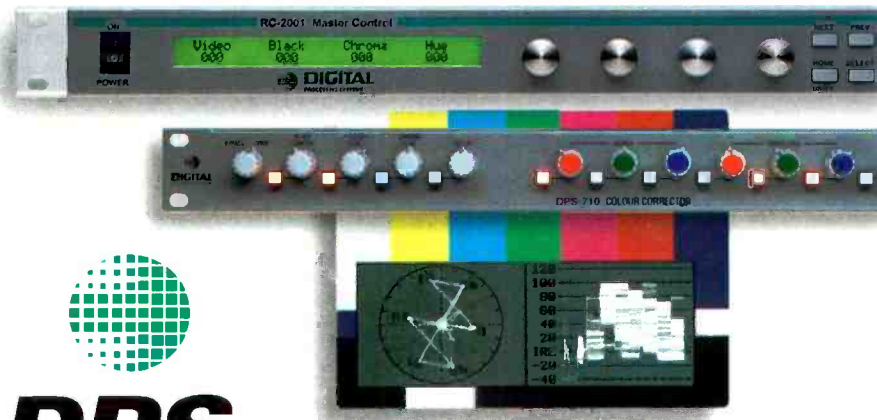


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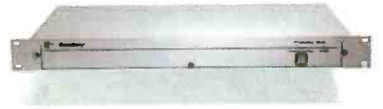
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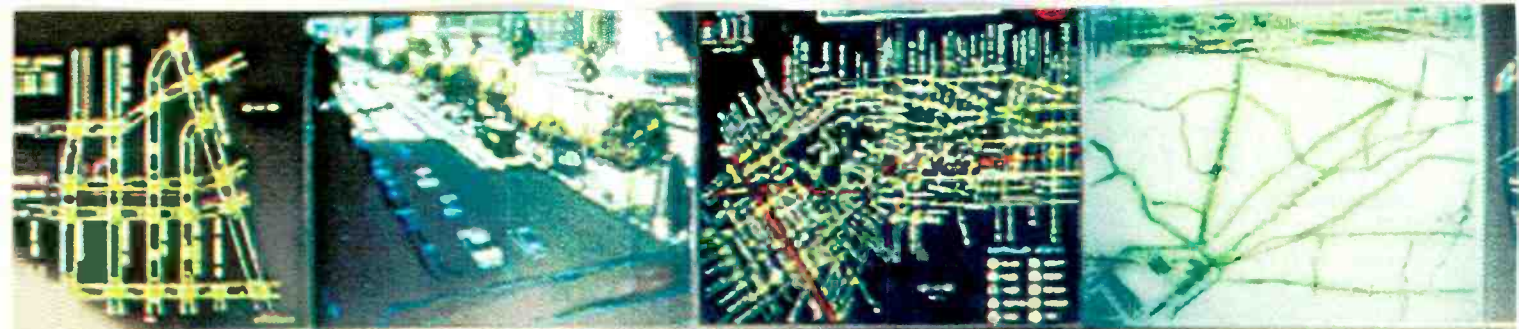
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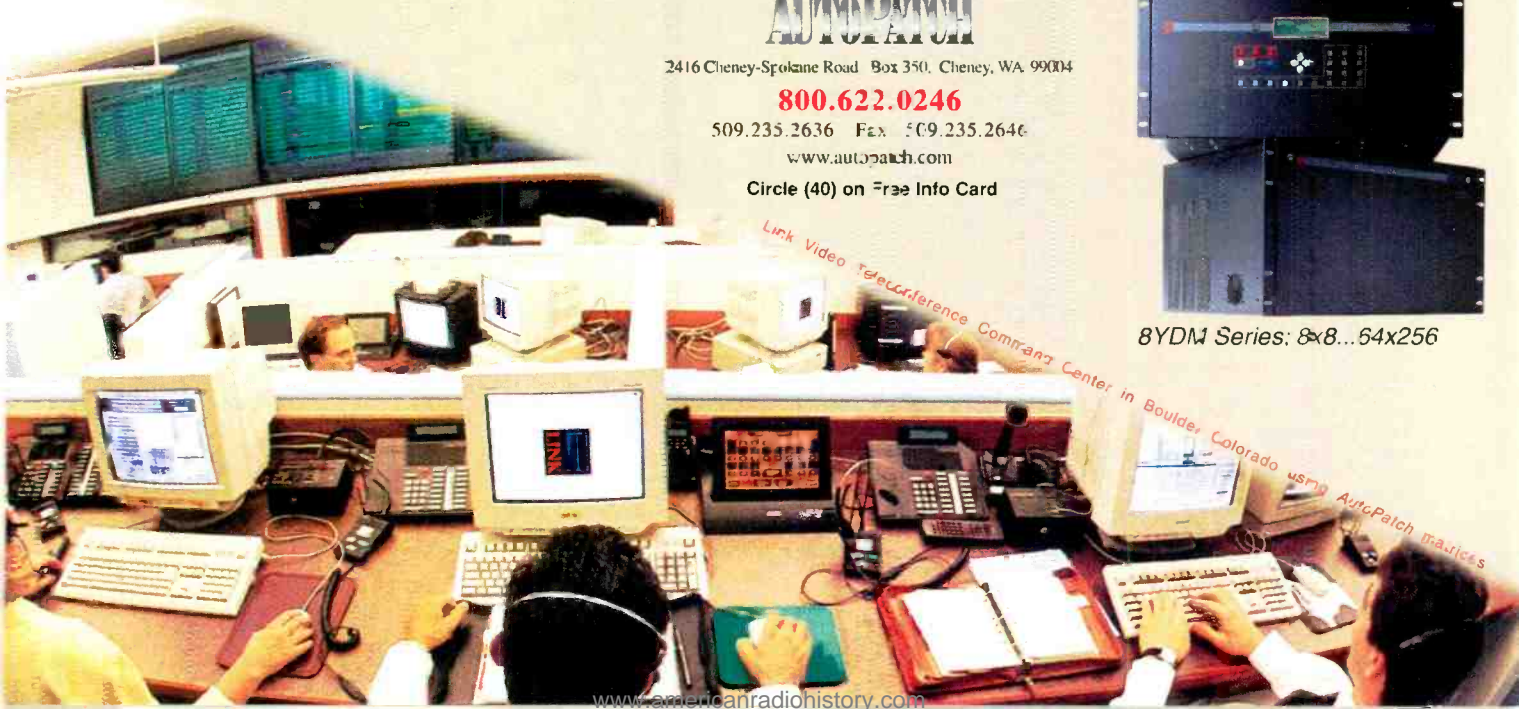
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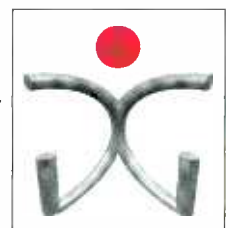
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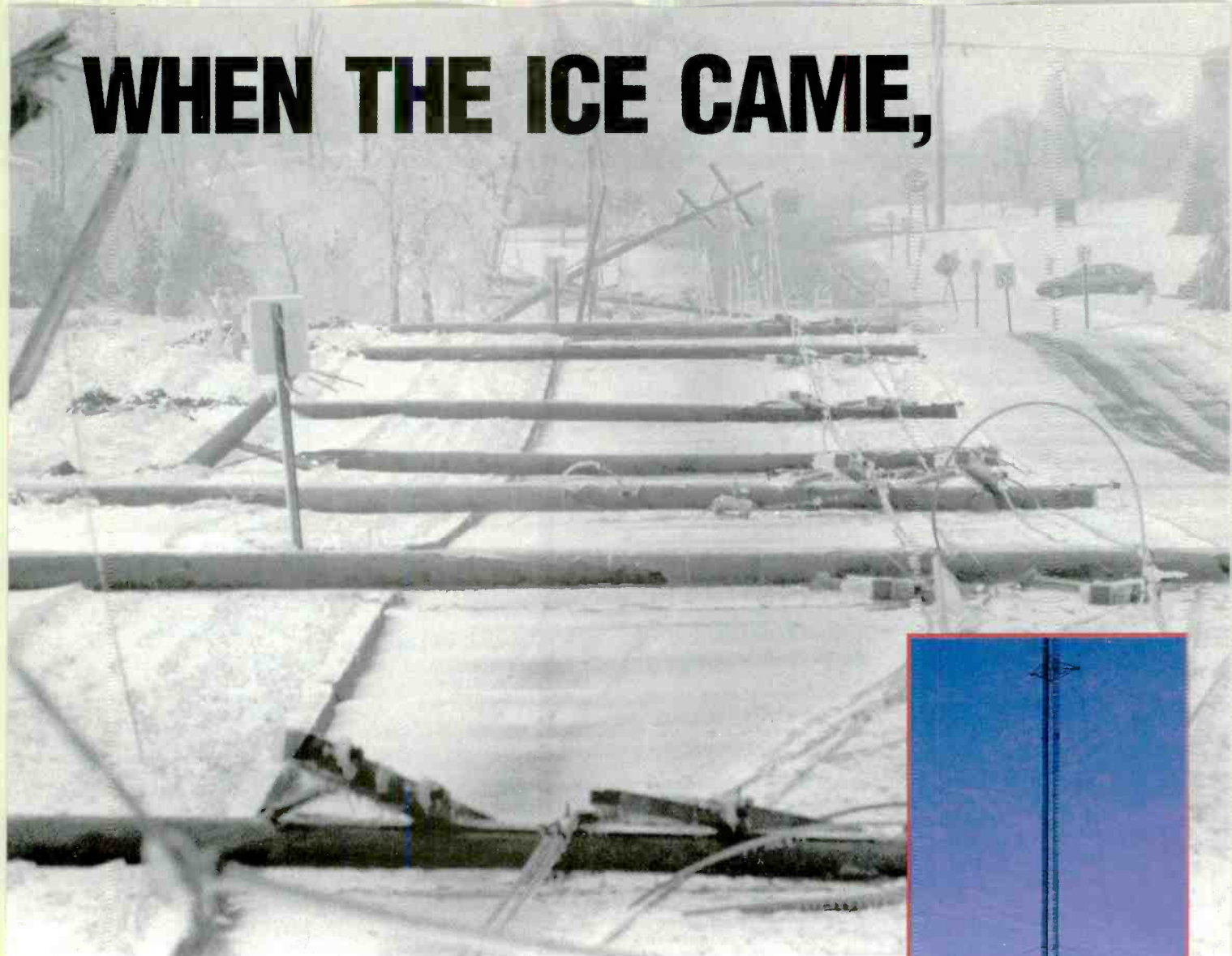
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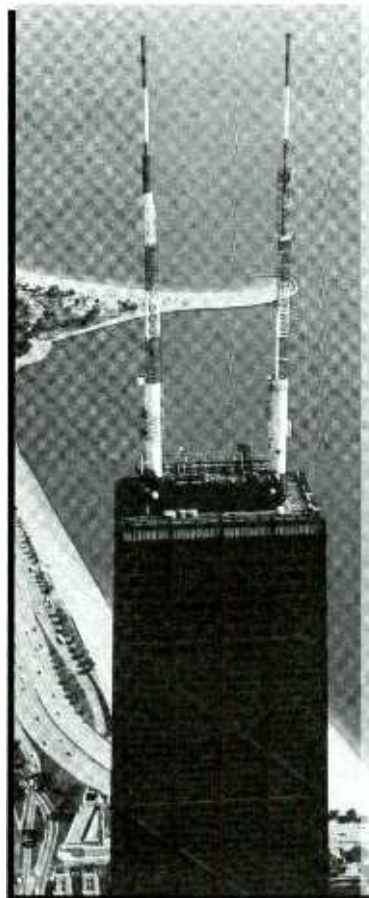
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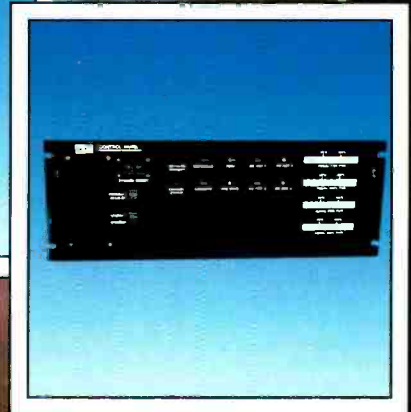


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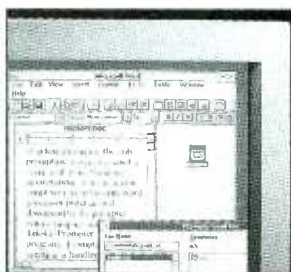
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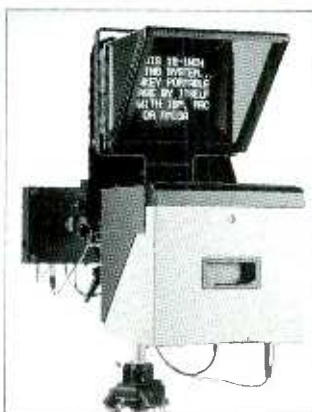
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Web: www.ultimatte.com

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Fax: 516-623-7475

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E-Mail: 76623.457@compuserve.com

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Tel: 860-769-3000
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Tel: 415-846-7700
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Tel: 860-274-9681
Fax: 860-274-9663

Vetronix Inc
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Fax: 308-324-4985

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E-Mail: CIS73513,1417

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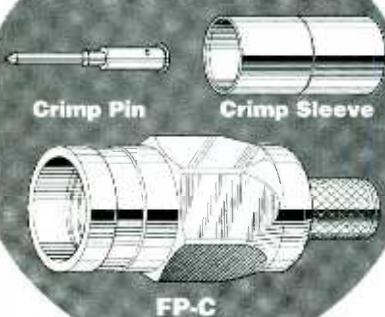
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Fax: 417-886-6535

Visionetics International
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Torrance CA 90503
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Fax: 310-316-7457

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GOLD MOUNT BATTERIES

Logic Series Gold Mount batteries are identical to the respective DIGITAL versions with respect to size, weight, capacity, IMPAC case construction, and application. They are similarly equipped with micro-code logic circuits and comprehensive AGS sensors. They do not include DIGITAL microprocessor features such as the integral diagnostic program "Fuel Computer", LCD/LED display and InterActive viewfinder fuel gauge circuit.

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- **PRO PAC 13 NICAD BATTERY** (13.2v 55 Watt Hours)
- **TRIMPAC 14 NICAD BATTERY** (14.4v 40 Watt Hours)
- **TRIMPAC 13 NICAD BATTERY** (13.2v 36 Watt Hours)
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2-Stage ENG Carbon Fiber System:</p> <ul style="list-style-type: none"> • CADDY Fluid Head • ENG 2-Stage Carbon Fiber Tripod • SP 100 Lightweight Spreader • Soft padded ENG Bag |
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- SD 12 weighs 6 lbs and supports up to 35 lbs.
- SD 22 weighs 12 7/8 lbs and supports up to 55 lbs.

Vision Two Stage ENG and LT Carbon Fibre ENG Tripods

The ultimate in lightweight and innovative tripods, they are available with durable tubular alloy (Model #3513) or the stronger and lighter, axially and spirally wound carbon fiber construction (Model #3523). They incorporate torque safe clamps to provide fast, safe and self-adjusting leg clamps

- "Torque Safe" requires no adjustment. Its unique design adjusts itself when required, eliminating manual adjustment and maintenance and making for a much more reliable clamping system
- New hip joint eliminates play and adds rigidity
- They both feature 100mm levelling bowl, fold down to a compact 28", and support 45 lbs.
- #3513 weighs 6.5 lbs - #3523 CF (Carbon Fibre) weighs 5.2 lbs.

Vision 12 Systems

All Vision 12 systems include #33643 SD 12 dual fluid and lubricated friction drag pan/tilt head, single telescoping pan bar and clamp with 100mm ball base.

SD-12A System

- 3364-3 SD-12 Pan and tilt head
- 3518-3 Single stage ENG tripod with 100mm bowl
- 3363-3 Lightweight calibrated floor spreader.

SD-12D System

- 3364-3 SD-12 Pan and tilt head
- 3513-3 Two-stage ENG tripod with 100mm bowl
- 3314-3 Heavy-duty calibrated floor spreader

Vision 22 Systems

All Vision 22 systems include #33863 SD-22 dual fluid and lubricated friction drag pan and tilt head, single telescoping pan bar and clamp with dual 100mm/150mm ball base.

SD-22E System

- 3386-3 SD-22 Pan and tilt head
- 3219-52 Second telescoping pan bar and clamp
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JVC PROFESSIONAL

GY-X3 3-CCD S-VHS Camcorder

By employing professional camera technology in new economical ways, JVC has succeeded in bringing to market a professional 3-CCD camera that breaks all previous price barriers. The new GY-X3 delivers all the performance of a high end 3-CCD camera—high resolution, high sensitivity, low noise and natural color—at an incredible price.

Features:

- Three 1/3" CCDs provide a sensitivity of 2000 lux at F8.0, signal-to-noise ratio of 60dB and 650 lines of horizontal resolution.
- Low light capability allows you to shoot in as little as 4 lux and still have bright pictures with good resolution and strong, vivid colors.
- Full Auto Shooting (FAS) mode instantly adjusts to changes in shooting conditions. You can go from bright outdoors to indoor lighting and gain, iris, audio level and color balance will all be automatically adjusted.
- Variable Scan View allows flicker-free shooting of a computer monitor.
- Built-in Control Track (CTL) time code generator as well as a time/date generator. The advanced CTL time code generator has a "scene finder" function that records an identification code each time you start taping. This lets you easily advance to the next of previous scene when using the JVC Edit Desk system.
- Large high resolution 1.5-inch viewfinder displays comprehensive status indicators.

GY-X2B 3-CCD S-VHS Camcorder

- Newly designed three 1/2" CCD image sensors deliver 750 lines of horizontal resolution and superb signal-to-noise ratio of 82dB
- Micro-lens technology provides exceptional sensitivity of F8.0 at 2000 lux and L.O.L.UX mode lets you shoot with almost no light! Shoot superb footage with excellent color balance at a mere 1.5 lux
- Variable Scan allows flicker-free shooting of a computer screen
- Full Time Auto White circuit lets you move from incandescent to fluorescent to outdoor lighting without changing white balance or the filter wheel.
- Quick Record Mode - when turned on the camera is set to the auto iris even if iris is set at manual. Also activates Automatic Level Control and Extended Electronic Iris

which provides both variable gain and variable shutter. Shoot continuously from dark room to bright outdoors without having to adjust gain, iris or ND filter.

- Dual output system allows camera output to be connected directly to an external recorder.



Panasonic

Broadcast & Television Systems

AG-DP800H SUPERCAM

S-VHS 3-CCD Digital Signal Processing Camcorder

- Three high-density 380,000 pixel CCDs with half-pitch pixel offset achieves over 750 lines of horizontal resolution, a S/N ratio of 60dB and remarkable sensitivity of 16 at 2000 lux. Additionally the Frame Interline Transfer (FIT) CCDs minimize vertical smear, so you maintain impressive picture quality even in very bright illumination.
- Digital Signal Processing circuitry provides four valuable benefits:
 - 1) Consistently reliable up-to-spec performance.
 - 2) Fine adjustment of a wide range of parameters.
 - 3) Memory storage and instant recall of specific settings.
 - 4) More flexible and higher quality image processing, as well as easier maintenance.
- Some of the DSP circuits and their functions:
 - CHROMA DETAIL - This function compensates for poor resolution in the high chroma areas of the picture.
 - DARK DETAIL - Determines optimum degree of contour enhancement in dark areas to deliver crisp, natural-looking images
 - HIGHLIGHT COMPRESSION - Expands the dynamic range of the highlighted areas and prevents halation. The highlight compression circuit allows a wide dynamic range producing detailed images even against bright background or daylight.
 - FLARE CORRECTION CIRCUIT - Compensates for steady black caused by light or by a subject's movements.
- Six Scene File modes. There are two user modes for custom digital parameter settings including Horizontal Detail, Vertical Detail, Chroma and Dark Detail, and Color Correction. The four preset modes are normal, fluorescent, special and sparkling.
- In addition to regular AGC (Automatic Gain Control), Supercam has a Super High Gain mode. At F1.4 this enables shooting under illumination as low as 2 lux while retaining detail and color balance.
- Synchro Scan function allows flicker-free shooting of computer monitors. Electronic shutter increments can be set variably from 1/61 seconds to 1/253 of a second!
- Built-in internal time code generator lets you record with SMPTE LTC/VITC (Longitudinal/Vertical Interval) time code
- Two hi-fi stereo audio channels with a dynamic range of 80 dB, as well as two linear audio channels with Dolby NR. Normal/Hi-Fi recording is selectable. Uses XLR connectors to further ensure high-quality sound.
- Has a 26-pin connector on the back that outputs a composite or component video signal. This enables convenient backup recordings using an additional VCR equipped with a 26 or 14-pin connector.
- Phantom power can be supplied to an optional microphone. Power can be switched off to prevent battery drain when not in use.

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The DPA-100 with *Auto Legal* keeps a keen eye on your broadcast signals.

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The DPA-100 is ideal for any 601 serial digital system including Non-Linear Video Editing, DVC Pro, D-1, D-5, Digital Betacam and Digital S. Real Time control over video parameters allows total adjustment of video, luminance and chroma gains, plus black level, hue shift and Y/C delay. At the touch of a button, you can initiate the active bypass to view the original signal.



A Digital System
Integration Product

Full EDH support is provided, including input verification, flag passing and output recalculation.

Our unique design allows 2 units to be rack mounted side by side in 1RU. The DPA-100 can also be used stand-alone in desktop or portable applications.

Simple, intuitive controls on both the DPA-100 and its optional remote makes both units a breeze to operate.

Make it legal with Videotek's new cutting edge design. Call today to find out more about this and other innovative 601 digital solutions that will let your standards soar to new heights.

Premium Quality, Intelligent Design, Smart Prices... That's Videotek.

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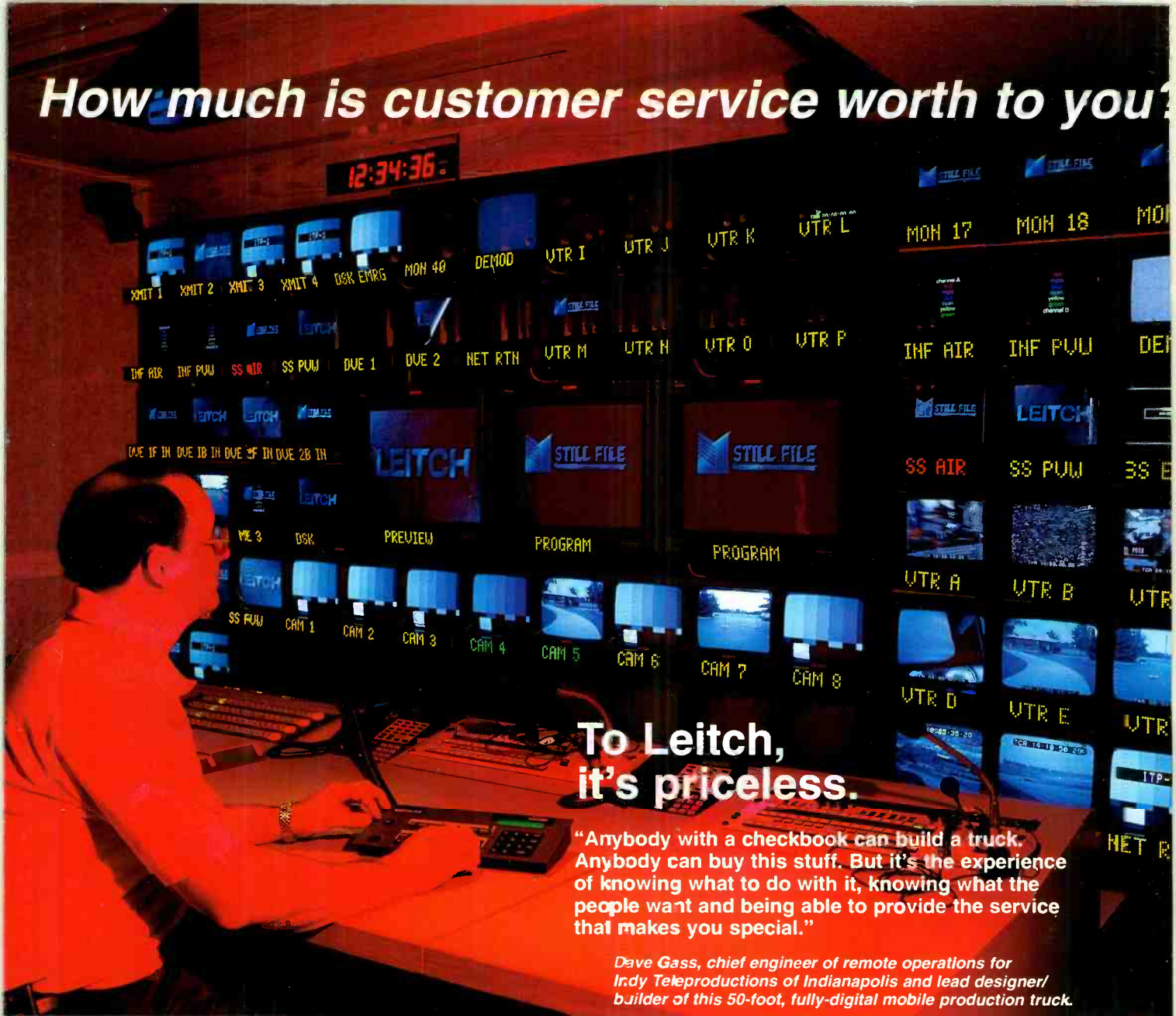
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"Anybody with a checkbook can build a truck. Anybody can buy this stuff. But it's the experience of knowing what to do with it, knowing what the people want and being able to provide the service that makes you special."

Dave Gass, chief engineer of remote operations for Indy Teleproductions of Indianapolis and lead designer/builder of this 50-foot, fully-digital mobile production truck.

Leitch and Indy Teleproductions know the importance of customer service. Both strive to fulfill the needs of their customers. It's that shared commitment to excellence that has brought these two entities together. When building his company's fully-digital flagship truck, Dave Gass needed technical assistance with Leitch equipment. Mike Duckworth, Leitch sales engineer, caught a flight out the next day. "This was really a breath of fresh air for me because you don't normally get really good service out of people in my experience lately," Gass says. "When I heard Mike say he'd be out, I thought, 'Yeah, that's the way it's supposed to be.'"

Call Leitch's direct customer service telephone number
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