

Equipment Guide


December - 1990



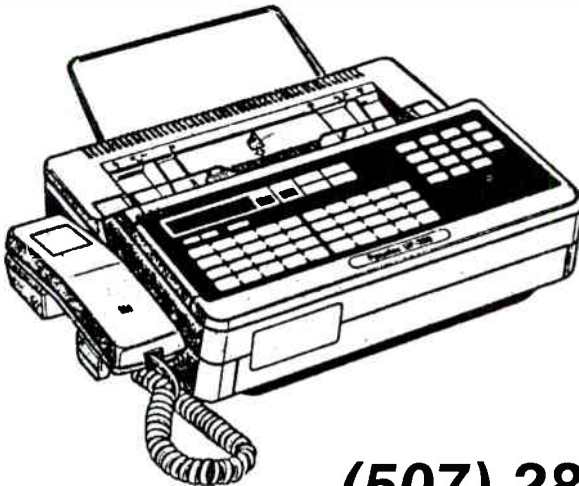
*Station Out of Alignment?
Equipment Guide Can Help!*

Equipment Guide

Radio's Most Effective Classified Ads

1. Copy the classified ad form on the next page. 
2. Send as many forms as you like -- no limit. Please use a separate form for each category of equipment you are listing.
3. Check the proper categories on each form.
4. Fill in your name, etc., on each form.
5. Mail your forms to P.O. Box 7001, or Fax them to (507) 280-9143
6. Send no money -- your ads are free!

Fax It Today!



(507) 280-9143

Equipment Guide

P.O. Box 7001
Rochester, MN 55903
Fax (507) 280-9143

Name: _____ Station: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Equipment Categories: (check one) Buy Sell

- | | |
|---|---|
| <input type="radio"/> Antennas, Towers, Coax | <input type="radio"/> AM/FM Exciters, SCA & Stereo Gen. |
| <input type="radio"/> Automation Equipment | <input type="radio"/> Test and Monitor Equipment |
| <input type="radio"/> Audio Tape: Reel, Cart, DAT, Cassette | <input type="radio"/> Sound and PA Equipment |
| <input type="radio"/> Audio Source: CD's, TT's, Mikes | <input type="radio"/> Tubes and Components |
| <input type="radio"/> Audio Control: Consoles, Mixers | <input type="radio"/> Satellite Equipment |
| <input type="radio"/> Audio Processing & Equalization | <input type="radio"/> TV and Video Equipment |
| <input type="radio"/> STL, RPU, TSL, Remote Control | <input type="radio"/> Misc. RF Equipment |
| <input type="radio"/> AM Transmitters | <input type="radio"/> Misc. Audio Equipment |
| <input type="radio"/> FM Transmitters | <input type="radio"/> Misc. Equipment |

Ad Copy Below: (Use Extra Form for Each Category)

December -90

Antennas & Towers

4) 3-1/8" elbows for sale. Still in box and never used.

Lots of plumbing: 4) PD "T's", 2) elbows, 5) 18-1/2" tubing with flange on each end (bought as a combiner).

Joe Davis - KLSR

114 N. 7th

Memphis, TX 79245

806-259-3511

Shively 4-bay 6810-4D high power (40 kW) antenna. Tuned to 100.9 mHz, last used August '90. Can be tuned from 100.0 to 101.9. Includes heaters and brackets. Asking \$5,000 or best offer.

2) Cablewave 3-1/8" coax. 300 foot with EIA flanges. Asking \$3,000 or best offer.

WMXP

224 North Ave.

Pittsburgh, PA 15209

412-821-6140

Collins phasing equipment. 20 years old, good condition when removed from service due to upgrade. For 3-tower array, separate day and night cabinets, 5 kW-D, 1 kW-N. Includes 3-tower base tuning boxes. Make offer. Also have misc old studio equipment; ask for list.

Pat Deisch - WWCL-AM

1400 Colonial Blvd. Ste. 213

Fort Myers, FL 33907

813-939-9000

Fax 813-275-7810

3-bay Phelps Dodge antenna system with de-icers. Tuned to 103.9 mHz.

250-foot LDF 5-50, 7/8" coax with connectors.

John Carrol - WKSC

523 Meadow Rd.

Tawas, MI 48764

517-362-3417

ERI FMXL2E antenna. New condition, used two years at 1700 watts. 105.9 to 106.7 mHz or tuneable. On the ground after upgrade. \$2600

Bob Holiday - KFFB

Bldg. 5, Lakewood Village Mall

Fairfield Bay, AR 72088

501-884-6812

Fax 501-884-6814

260-foot Rohn model 55 tower. Like new, complete with guys, lights, Unipole kit. On ground ready to ship. \$6,000

Roger Wright - WWLX

1208 N. Locust Ave.

Lawrenceburg, TN 38464

615-762-2916

Coaxial hardware. 1/2" and 3/4" inch coaxial with hardware. New and unused. Sweep tested, any length.

Phil Moore

1579 Farmers Ln. Ste. 155

Santa Rosa, CA 95405

707-887-1064

3-bay Phelps Dodge FM antenna. On 95.3 mHz with heaters. \$1,500

WHUM

5464 Pleasant Valley Rd.

Cogan Station, PA 17728

717-998-2609

Fax 717-998-8888

Automation

Microprobe automation controller. Six source, with manual. Best offer.

Roger Colman - WGEN

1003 S. Oakwood

Geneseo, IL 61254

309-944-4633

4) Otari ARS-1000 reel decks with M.W. Persons programmer with cables. Excellent condition. \$4,500.

Joe Jarjoura - WCIB

P.O. Box C

Falmouth, MA 02541

508-548-3102

IGM RAM. 4000 events, Instacart, 350 Carousel, spare source cards and cables, manuals. Now on air running multi-source talk format. \$4,250 or best offer.

Bill Weed - KQQQ

P.O. Box 1

Pullman, WA 99163

509-332-6551

Broadcast Electronics Control-16X. Complete operating system. System is functional and working flawlessly. Has all updates with current software. Great working system.

System Includes:

4) Otari ARS-1000

2) IGM fast access Go Cart "24"

1) IGM fast access Go Cart II "24"

1) ITC triple deck (Delta)

12) Source cards

(continued . . .)

TRANSCOM CORP.

Fine used AM & FM Transmitters
and also New Equipment

The best deals on: **Celwave Products**
Andrew Cable
Shively & Comark Antennas

1978	CCA 2500R, 2.5 kW FM
1975	Harris FM5H3, 5 kW FM
1983	Wilkenson 10000E, 10 kW FM
1972	CCA 20000DS, 20 kW FM
1976	RCA BTF-20E1, 20 kW FM
1983	Wilkinson 25000E, 25 kW FM
1986	Continental 314R1, 1 kW AM
1974	Harris BC1H, 1 kW AM
1981	McMartin BA-2.5K, 2.5 kW AM
1979	Harris MW5A, 5 kW AM
1966	Continental 315B, 5 kW AM
1980	Harris FM10K, 10 kW FM
1981	McMartin BA-5K, 5 kW AM
1972	CCA AM5000D, 5 kW AM
1976	CCA AM50000D, 50 kW AM
1972	Harris/Gates FM20H3, 20 kW FM
1967	Gates BC5PD, 5 kW AM
1972	RCA BTA-10U, 10 kW AM

**201 Old York Rd.
York Plaza Suite 207
Jenkintown, PA 19046**

215-884-0888 or 800-441-8454

Fax No. 215-884-0738

1) Broadcast Electronics 3200
RP delay cart

1) Programming console

1) Live assist console

1) Backup battery

1) Battery charger

1) Software copying package

Latest updates and modifica-
tions to system. New sockets
and connectors and three
equipment racks.

Dan Barker - WZWW

863 Bennor Pike

State College, PA 16801

814-231-0953

Fax 814-231-0950

Shafer 901 control unit;
Shafer 902 switch memory;
Shafer 900 system power
supply; 5) Carousels (24
carts); 3) Advance program-
mers; 3) mounting racks. With
extra boards and all the
cables. Photos available.
make and offer.

Jay Ronn - WPBK

P.O. Box 158

Whitehall, MI 49461

616-894-9725

Fax 616-894-WPBK

Broadcast Electronics
Control-16 Automation

Includes:

Customer Panel

Audio Controls

Power supply

210 amp back-up battery

keyboard/controller

Sat interface

4) IGM 24-slot Go Carts

3M Whisper printer

2) BE equipment racks

All equipment is in excellent

condition. system includes
everything necessary to go on
the air. Asking price is
\$18,000. Buyer responsible for
shipping and/or pickup.

Mark Hiner - WCOL

195 E. Broad St.

Columbus, OH 43215

614-221-7811

IGM EC Automation System.
Complete, ready to use, in
rack.

Includes Instacart 48/mono;
black rack; uninterruptable
power supply; Isolatron,
cables, manuals. \$7,000

Dave Klahr - WVLT-FM

638 Landis Ave.

Vineland, NJ 08360

609-692-8888

Otari ARS-1000 stereo reel
machines. Great for automa-
tion.

SMC RP1000 automation. 19-
channel stereo automation.

Drake ESR 1240 earth station
satellite receiver.

Gary Michiels - WXL5-AM

212 BeBuys Rd.

Biloxi, MS 39531

601-388-1490

3) SMC-250 Carousels. Two
working and one for parts.
Includes 6-foot Shafer
equipment rack. \$600 or best
offer.

Chuck Edwards - WWJM-FM

210 South Jackson St.

New Lexington, OH 43764

614-342-1988

Complete SMC Automation
System:

1) SMC DAS 6/12 digital audio
switcher

2) SMC CH4 programmers

2) Magnavox monitor-80
monitors

1) SMC MSP-12

3) SMC Carousels
Racks, cables, etc.

Asking \$15,000

Patrick Berger - WNAM

1413 S. Commercial St.

Neenah, WI 54956

**414-727-2040 Fax 414-722-
0211**

The Folded Unipole:

**The Ultimate Antenna
for AM Broadcast!**

- Broad bandwidth
- Grounded antenna
- Eliminates isocouplers
- AM-FM site consolidation
- Effective as detuning skirt
- Custom kit; easy assembly



nott ltd.

atmospheric • electromagnetics

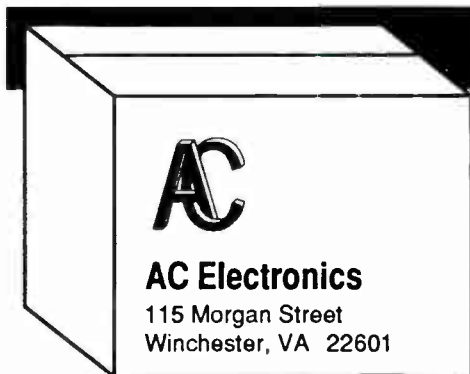
Box 761, Farmington NM 87499 • (505)327-5646

Look for this
name on the
cart...▶

Audiopak's new molded-in logo and Quality Assurance Seal are your guarantee of genuine Audiopak performance—the consistent reliable performance that's made Audiopak the #1 choice of demanding broadcasters worldwide. They count on the proven performance of original-design Audiopak casings and the longevity and quality of Audiopak tape. For every application and every cart machine made Audiopak carts are "true blue" dependable, cart after cart after cart—accept no substitutes.

audiopak
BROADCAST CARTRIDGES

The cart
the world
counts on,
cart after cart after cart.



SAVE \$

TRADE-IN YOUR
OLD CARTS TOWARD
NEW
**AUDIOPAK
CARTRIDGES**
from
AC Electronics

1-703-667-5063

2) **SMC-350RSB** Carousels. Recently overhauled. \$1,500 or best offer. Will consider trade for cart machines of equal value.

Don Brintnall - KBUF

1309 E. Fulton St.
Garden City, KS 67846
316-276-2366

SMC Automation System includes:

1) ESP-1 brain and programmer

1) DS-20A switcher

1) PDC-4a Superclock

1) AL-1 memory loader

1) Extel printer (20 ma loop)

1) RAC-31 remote control

1) SMC green rack (no side panels)

2) TS-25 dual tone sensors

Jon Hartmeyer - SCLT

P.O. Box 880

Newark, OH 43055

614-345-4004

Fax 614-345-5775

Cetec/Shafer 903 automation brain with power supply and control head in equipment rack.

IGM 48-tray Instacart.

SMC/Shafer mono 250

Carousels in rack.

\$4,000 total plus shipping.

Mark Persons

218-829-1326

Fax 218-829-2026

6) **SMC Carousels.**

6) **SMC (Revox)** reel decks.

Complete in rack with monitor. In great condition.

Jim Copers - WDXZ-FM

409 Coleman Blvd.

Chas, SC 29465

803-881-1400

48-tray Instacart. Remanufactured with IGM warranty. Very competitively priced.

Carl Peterson - IGM Communications

4041 Home Rd.

Bellingham, WA 98226

206-733-4567

Schafer 903 automation system with (2) Audiofile 48-tray units.

Paul Barzizza - KJBR

P.O. Box 9375

Jonesboro, AR 72403

501-935-5598

SMC Mini-pro complete with Otari interface.

Harris System-90 automation brain and switcher.

Robert Lankton - WDUV

813-749-1420

Audio Tape Decks

2) **Magnecord** tape machines with record amps. One newly re-conditioned and one condition unknown. Best offer.

Roger Coleman - WGEN

1004 S. Oakwood

Geneseo, IL 61254

309-944-4633

Scully 502 mono reel deck. Works, but need TLC. Best offer.

John Nichols - WDOT

152 Bank St.

Burlington, VT 05401

802-862-5776

IGM 24-cart Instacart. Fair conditions, needs work. Best offer.

Spotmaster 10-spot. Fair condition, needs work and parts. Best offer.

A.B.C. "Carousel". New but incomplete; missing heads and trays. Best offer.

Infonics open-reel high-speed duplicator. 1) full-track and 1) 2-track. Good condition. \$300 each.

Sounscriber logger in fair condition. Best offer.

Ray Meyers - Benchmark Communications

4700 SW 75 Ave.

Miami, FL 33155

305-995-2215 or

305-264-5963

ITC 3D stereo cart deck with WRA record amp and spare motor. Asking \$2,500 for all.

Ampex AG-350 full-track recorder in console, in good condition. \$400

Crown 801 full-track recorder with matching speaker/amp. \$250

Ampex spare parts \$400. Call or write for list.

Benton Weiss - KLSI

3101 Broadway Ste. 460

Kansas City, MO 64111

816-753-0933

Fax 816-753-6654

SINE SYSTEMS

Innovative Solutions

DIAL UP REMOTE CONTROL



- * Up to 64 channels of status, control, and metering.
- * User programmable dial out tolerance and status alarms on six channels.
- * FCC legal.
- * One year warranty.
- * User friendly.

Complete 8 channel system starts at less than \$ 1,400!

Call your HE sales engineer today.

HE **HALL**
Electronics
(804) 974-6466

1305-F seminole Trail
Charlottesville, VA
22901

Scotchcart II carts: 20) 40's; 50) 70's; 20) 3-1/2 min.; 30) 4-min.; 10) 5-min. Brand new in boxes. \$250 for all.

AKAI GX-630D stereo reel recorder. Large reels, as new condition, in box. \$450

Tom Steel - Steel Communications

1697 Broadway Room 1404

New York, NY 10019

212-265-5563

2) **BE** stereo triple decks with all tones. Good condition. \$1,400 each.

ITC mono triple deck in good condition. \$850

2) **ITC** Encore series mono cart recorder. \$250 each.

TEAC A4010S reel deck. \$400

2) **Technics** model 1500 stereo reel decks in good condition. \$400 each.

Lots of carts: Fidelipac and others. \$1 each.

Jay White - KBRC

c/o KFQD

9200 Lake Otis Pkwy.

Anchorage, AK 99502

907-344-9622

Metrotech model 552A reel to reel logging recorder.

Ron Wood - KOWO-AM/FM

Waseca, MN

507-835-5555

Audi-Cord model 110 record/playback mono cart deck. Loaded, in real good shape.

Joe Davis - KLSR

P.O. Box 400

Memphis, TX 79245

806-259-3511

Sparta 4-deck cart playback. Will sell for \$20. You pay shipping.

Joe Davis - KLSR

P.O. Box 400

Memphis, TX 79245

806-259-3511

10-1/2 inch metal reels with NAB centers. \$4.00 each.

ITC mono, two-tone, record/play cart deck. \$950

Bill Kuiper Jr. - WFUR

399 Garfield SW

Grand Rapids, MI 49504

616-451-9387

Fax 616-451-8460

3) **Revox PR-99** playback reel decks. Good condition, removed from service due to switch to DC players. \$1,000 each.

Carr Stalnaker - KEZW

P.O. Box 100

Little Rock, AR 72203

501-372-7740

Fax 501-372-7787

Sony (MCI) JH110 reel recorders. Will trade two for one ICOM R-9000 receiver.

David Solinske - WSUN

877 Executive Center Dr.

St. Petersburg, FL 33702

813-576-1073

Ampex AG-440C, 4-track, 1/2" reel deck in roll-around cabinet. Good condition. \$1,200 or best offer.

John Bible - KEVO

11128 John Galt Blvd.

Omaha, NE 68137

402-592-5300

AKAI model 1000 2-track reel to reel.

TASCAM model 34 4-track reel to reel.

Realistic model SCT-74 dual cassette player.

Peter Dean - WTMX

8833 Gross Point Rd.

Skokie, IL 60077

708-699-1642

TEAC X-10R Clean. \$400

Revox PR-99 R/P. \$1,700

3) **Criterion I** cart play decks.

Criterion I record/play cart deck. \$350

IGM Instacart (mono) with rack. \$1,500

Don Powers - WREY

Vineland, NJ 08090

609-464-0467

Gates Criterion R/P stereo cart deck. \$550

Gates Criterion R/P mono cart deck. \$450

Collins 642E-1 Twintape/ITC mono playback cart deck. \$600

Ampex reel deck. Works good. \$350

Ampex 402 stereo. \$500

2) **Tapecaster 700 R/P** decks. \$450 each.

Spotmaster 505 playback cart deck. \$300

WHUM

5464 Pleasant Valley Rd.

Cogan Station, PA 17728

717-998-2609

Fax 717-998-8888

Attention FM CP Holders

**We'll Build Your 3 kW Class A
For Less Than \$100,000
Guaranteed**

We Include All This:

*Up to 300 ft. support tower with necessary
transmission line and new 4-bay FM antenna*

*FM transmitter with solid-state exciter
and stereo generator*

*All necessary monitors and
audio processing equipment*

Equipment rack and digital remote control unit

*A complete and fully equipped control room
as well as a completely equipped
4-track production studio*

**All you supply are transmitter building,
and remodeled studio site . . . We'll do the rest**
**Similar savings on construction of
B1, C3, C3 and C1 FM facilities**

Call (512) 448-0058 Today For Complete Details

*Broadcast Transmission Systems
7008 Lock Lommond Austin, Texas 78749*

CD, TT, Mikes

Technics SP10 MKII turntable in original box. \$800

Benton Weiss - KLSI
3101 Broadway Ste. 460
Kansas City, MO 64111
816-753-0933

Fax 816-753-6654

2) **Russco** turntables with Audio Technica tone arms. Fair condition. \$75 each.

Jay White - KBRC
c/o KFQD
9200 Lake Otis Pkwy.
Anchorage, AK 99502
907-344-9622

2) **Technics** model SL-1800 MKII turntables.

Sony model CDP-350 CD player.
Peter Dean - WTMX
8833 Gross Point Rd.
Skokie, IL 60077
708-699-1642

Gates CB1200 turntable. \$100
Paul Barzizza - KJBR
P.O. Box 9375
Jonesboro, AR 72403
501-935-5598

Russco turntable, 303 arm, pre-amp.
Technics SL-1025 with wood base.
Jim Phillips - WZOM
408-1/2 Clinton St.
Defiance, OH 43512
419-782-8591

2) **Sparta 300CP** mono cart decks. \$200 each.

4) **McCarta** stereo playback cart decks with tones.

Tapecaster 700P cart deck.

Tapecaster 700 RP cart deck.

Robert Lankton - WDUV
813-749-1420

Ampex AG440 reel to reel tape machine in roll around cabinet.

2) **Ampex** reel tape decks (model unknown).

100) **Cart tapes.** Various lengths and brands.

3) **Gates** mono cart record amps for below.

5) **Gates** mono cart machines. (1 for parts with spare modules).

Richard Lynn - WLIQ
615-458-6616

Vector Research VCX stereo cassette deck. Make offer.

Sony TC228 8-track stereo cart recorder. \$75

4) **Tapecaster** cart machines. May be fixed or good for parts. \$75 each.

ITC R/P mono cart deck. Good condition. \$600

ITC 3D mono cart deck. Good condition. \$950

2) **Audicord** mono cart machines. Good condition. \$500

Don Cook - Devon Broadcasting
915-333-2510

Send Your Tech-Tips
to Radio Guide

2) **Sparta 300CP** mono cart decks. \$200 each.

10) **Revox A77** reel decks. \$500 each.

ITC WP cart deck without motor. \$100

ITC WP cart deck. \$700

Paul Barzizza - KJBR
P.O. Box 9375

Jonesboro, AK 72403
501-935-5598

UREI 5-line, 5-deck, tele- phone info system cart machine.

Dictaphone 1000 slow speed logger recorder (2 decks).

Spotmaster 500 stereo cart decks.

ITC Premium stereo cart decks (3-tones).

ITC mono delay/RP premium cart deck.

Ampex 354 mono reel deck.

Revox A-77's. All 1/2-track, some with rack mounts, some with amplifiers. 24 drawer parts bin with all new Revox parts.

Jim Phillips - WZOM
408-1/2 Clinton St.

Defiance, OH 43512
419-782-8591

5) **Ampex 440** series stereo playback decks with reproduce electronics.

2) **Scully 280B** stereo recorder/reproducers with all electronics. In roll around cabinets.

2) **Crown 700** series reel to reel transports.

3) **ITC 750** series reproducers.

2) **Magnecord 1021** reel to reel recorders with electronics.

3) RCA Rumble Buddy, puck driven, 3-speed turntables.

Robert Lankton - WDUV
813-749-1420

QRK 5-channel stereo mixer. Make offer.

McMartin B-802, 8-channel stereo console. Never installed, with single factory revamp. \$1,500

Don Cook - Devon Broadcasting

915-333-2510

Greg Pyron - KOMC
P.O. Box S
Branson, MO 65616
417-334-6003

2) W heats^{one}/Audio Arts 8x4x2 mixing consoles.

Peter Dean - WTMX
8833 Gross Point Rd.
Skokie, IL 60077
708-699-1642

Gatesway-80 mono console. \$650

Ampro console modules and other parts). \$30-50

Don Powers - WREY
Vineland, NJ 08090
609-464-0467

Gates Producer 4-pot stereo board. \$800

Logitek stereo 8-pot console. \$1,500

QRK stereo 5-pot console. \$1,000

CCA stereo 10-pot console. \$1,200

QRK Omega stereo 6-pot board. \$1,000

WHUM
5464 Pleasant Valley Rd.
Cogan Station, PA 17728
717-998-2609
Fax 717-998-8888

Heathkit 5-input mike mixer.

TEAC/Tascam 10. 12x4 mixer board complete with meter bridge.

Jim Phillips - WZOM
408-1/2 Clinton St.
Defiance, OH 43512
419-782-8591

Ramsa WR-8816 16x4x2x1 production console with EQ floor stand and outboard power supply. Brand new, never used.

Harris Stereo-5, solid state 5 channel console.

McMartin 500, solid state, 5-channel stereo console.

UREI Mod-1, 10-channel solid state stereo console.

RCA 100, solid state, 4-channel stereo console.

Robert Lankton - WDUV
813-749-1420

Audio Proc & EQ

2) Moseley TFL-280 audio limiters. Asking \$500

2) Harris AM limiters and AGC Solidstatesmans. Asking \$500

Roger Coleman - WGEN
1003 Oakwood
Geneseo, IL 61254
309-944-4633

Dolby A301 type A stereo noise reduction unit with remote changeover. \$300

dBx 187 4-channel R/P noise reduction unit. \$350

Tome Steele - Steele Communications

1697 Broadway, Room 1401
New York, NY 10019
212-265-5563

Consoles & Mixers

Gatesway II 8-channel audio console with power supply. Works but needs TLC.

Gates Producer 4-channel audio console. Works but needs TLC.

John Nichols - WDOT
152 Bank St.
Burlington, VT 05401
802-862-5776

Sparta A-10B mono console. Mint condition. \$400

Benton Weiss - KLSI
3101 Broadway, Ste. 460
Kansas City, MO 64111
816-753-0933
Fax 816-753-6654

BE 4M50A 4-channel mono console. Twin inputs per channel. Excellent condition, out of news room. Manual included.

Harris tri-band AGC.

Orban stereo limiter.

Dennis Orcutt - KMGL-FM

1200 E. Britton Rd.

Oklahoma City, OK 73113

405-478-5104

UREI model 1176 L-N mono peak limiter.

UREI Graphic equalizer (9-band).

George McClintock - WNOB

4647 Old Hydes Ferry Pk.

Nashville, TN 37218

615-255-1300 or

615-255-1377

2) Gates/Harris model 994-6631-005 Solidstatesman FM limiters.

Ron Wood - KOWO

Waseca, MN

507-835-5555

CRL AM4 mono audio processing system with CRL SPF-300 NRSC adapter. Excellent condition. \$2,400

Mark Persons

218-829-1326

Fax 218-829-2026

2) Dourrough 310's. Sound good, real clean, ready to go.

Gates Radio Level Devil.

Joe Davis - KLSR

P.O. Box 400

Memphis, TX 79245

806-259-3511

CRL SEP-800 4-band stereo compressor. Excellent condition. \$1,2500

Larry Crumpton - KZZB

2531 Calder

Beaumont, TX 77702

409-833-0774

Fax 409-835-2146

MXR Q1 digital reverb (s/n 191-000383). New was \$1,360. As-is, \$675.

Omni-Craft GT-4 4-channel noise gate. As-is \$65.

Eventide BD-955 digital delay (s/n B95330). 7.5 kHz, 1.6 sec delay, with manual. New was \$3,300. As-is \$1,450.

Allen Roth - Outlaw Sound

1140 N. LaBrea Ave.

Los Angeles, CA 90038

213-462-1873

Fax 213-856-4311

TASCAM model DX-4D noise reduction unit.

2) SAE model 5000A impulse noise reduction units.

2) Burwin TNE-7000 transient noise eliminators.

Peter Dean - WTMX

8833 Gross Point Rd.

Skokie, IL 60077

708-699-1642

Vigilante Cutting Edge. \$2,750 new.

CRL SG-800A stereo generator. \$1,575 new.

Gentner Audioprism. \$2,750 new.

Harris FM audio CPU MSP-95. \$1,500

Symetrix CL-100 compressor limiter. \$300

CBS stereo Audiomax III. \$100

CBS 411 stereo peak limiter. \$100

Volumax 4300 AM limiter. \$150

2) Orban model 245F stereo synthesizers. \$200 each.

WHUM

5464 Pleasant Valley Rd.

Cogan Station, PA 17728

717-998-2609

Fax 717-998-8888

UREI 1176LN peak limiter.

Orban dynamic sibilance controller.

Jim Phillips - WZOM

408-1/2 Clinton

Defiance, OH 43512

419-782-8591

Dolby 334 FM processor.

2) RCA BA-45 AGC's with (2) RCA BA-43 program amps in rackmount mainframe.

Volumax 400A.

Robert Lankton - WDUV

813-749-1420

Optimod XT2 audio processor. Used 4 months, like new. \$1,300

UREI model 545 parametric equalizer. Make offer.

UREI model 537 graphic equalizer. Make offer.

Symetrix model 525 dual gated compressor/limiter. New \$500

Symetrix model 528 microphone compressor/limiter. New \$450

Marti compressor/limiter. \$275

Don Cook - Devon Broadcasting

915-333-2510

STL, RPU, R/C

2) Anixter Mark 4-foot STL dishes.

150-foot foam coax plus one each male and female connectors.

Selective cavity for 148-174 mHz.

George McClintock - WNOM
4647 Old Hydes Ferry Pk.
Nashville, TN 37218
615-255-1300

Marti model MR-30/150-170 RPU receiver on 161.67 mHz.

Ron Wood - KOWO
Waseca, MN
507-835-5555

Micro Controls PTS-10C composite STL on 949.0 mHz. Excellent condition. \$2,000

Micro Controls DRCR-9 remote control. \$1,500

Micro Controls 2001T/R TSL on 455.02 mHz.

Mark Persons
218-829-1326
Fax 218-829-2026

Marti STL-8 dual mono system in good condition. \$3,500 or best offer.

Jim Casey - WDEK
711 N. 1st St.

DeKalb, IL 60115
815-758-8686

Marti 2.5 watt transmitter and receiver. Both dual frequency, in good condition. \$600 as-is, and you pay shipping.

Truman Hamilton - KHEM
P.O. Box 446
Monticello, AR 72655
501-367-6854
Fax 501-367-9564

Motorola Micro FM receiver NO4RTB. Tuned to 455.15 mHz, broadbanded to accept wide band FM. Connections available to accept compander board (Marti). Marti PL decode board included. Excellent receiver for hostile intermod RF conditions. \$1,100

Decibel Products DB-413
RPU antenna for 450 mHz. 11dB gain, offset pattern, collinear array. \$300
Ernie Swanson - WZTR
520 W. Capitol Dr.
Milwaukee, WI 53212
414-964-8300

Moseley 1600 remote control. Like new, 2700 obo. telco line connection.

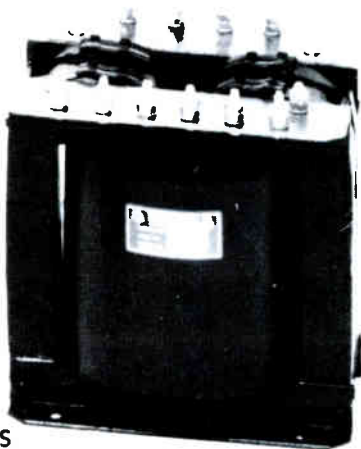
Moseley PBR-15A remote control. Telco line connection, presently in and working.

PETER DAHL CO.

Save \$\$

Heavy Duty Replacement Transformers, DC Filter chokes and capacitors for AM & FM transmitters manufactured by: AEL, CCA, CSI, COLLINS, CONTEL, CONTINENTAL, BAUER, GATES, HARRIS, SINGER, McMARTIN, GE, RAYTHEON, RCA, SINTRONIX, ITA, WILKINSON.

Many other models also available.



*FAST Delivery and
FREE Technical Support*

5869 WAYCROSS AVENUE
EL PASO, TEXAS 79924
(915) 751-2300
TELEX: 76-3861 PWDCO
FAX: (915) 751-0768



750 or best offer.

like Cooney

roadcast Management -
BRK

10 N. Kiwanis

ious Falls, SD 57104

05-336-2706

icro Controls composite
TL. Like new.

icro Controls RC-9 remote
ontrol.

/HUM

464 Pleasant Valley Rd.

ogan Station, PA 17728

17-998-2609

ax 717-998-8888

icro Controls PTS-10C STL
ansmitter and receiver.
used to 946.5 mHz, will need
> be upgraded to new FCC
pecs.

harles Dozier - KKUL

401 Montana Ave.

illings, MT 59101

06-245-2000

harti STL-10 STL system.
lint condition, new in 1988
nono).

omplete composite STL,
igital remote control, 450
Hz return link.

im Phillips - WZOM

08-1/2 Clinton

efiance, OH 43512

19-782-8591

50 mHz directional antenna.
200

harti sub-carrier generator.
300

harti sub-carrier receiver.
300

Micro Controls remote control
system, with relay panel.
\$1,000

Moseley PBR21 remote
control system. \$750

Don Cook - Devon Broad-
casting

915-333-2510

Gates BC-1G 1kW AM
transmitter. \$2,800

Don Powers - WREY

Vineland, NJ 08090

609-464-0467

FM Transmitters

Gates M-6095 exciter/
transmitter with Gates M-6147
stereo generator. Transmitter
is 10 watts on 91.5 mHz.
Transmitter in excellent
condition but stereo generator
needs work (new xtal heater).
\$250

Dan Ransom - WY Christian
Xlator Assoc.

P.O. Box 6073

Riverton, WY 82501

307-857-6866

CCA 1,000-D 1kW FM
transmitter on 95.3 mHz. Has
not been down in over 2 years.
Retiring due to frequency
change and power increase
\$2,500 (less exciter).

George Whitaker - KSSA

3500 Maple Ave. #1310

Dallas, TX 75219

214-5228-1600

Elcom/Bauer 602 FM
transmitter with new power
supply. 2500 watts. \$12,000
firm.

WHUM

5464 Pleasant Valley Rd.

Cogan Station, PA 17728

717-998-2609

Fax 717-998-8888

AM Transmitters

Harris AM MW-1A (1977)
transmitter in excellent
condition. On 1500 kHz, now
on-air. Used at 250 watts. Call
regarding availability. Asking
\$9,500.

Roger Coleman - WGEN

1003 S. Oakwood

Geneseo, IL 61254

309-944-4633

Harris MW-50A. Good
condition, taken off the air in
January 1990. Includes some
spares. \$50,000

4) ATU's (50/10 kW), includes
phasors. \$10,000 or best offer.

Chuck Jones - WGTO

821 Marshall Farms Rd.

Ocoee, FL 34761

407-656-5440

Gates BC-1F. Currently used
as auxiliary. You disassemble
and haul. Best offer.

Tom Devine - WHBN

P.O. Box 247

Harrodsburgh, KY 40330

606-734-4321

Fax 606-253-5903

AM/FM Exciters, Stereo & SCA Gen.

CCA FM40E exciter. Solid state, 40 watts, frequency programmable. Will set to your frequency. Cleaned and ready to go. Make offer.

Chuck Gennaro - WIMI
222 S. Lawrence
Ironwood, MI 49938
906-932-2411

CCA SG-1D stereo generator. \$175 plus \$15 shipping.

Melvin Gollub - WMJS
P.O. Box 547
Prince Frederick, MD 20678
301-535-2201

Harris MSP95 stereo generator.

Dennis Orcutt - KMGL-FM
1200 E. Britton Rd.
Oklahoma City, OK 73113
405-478-5104

Collins 310Z-2 FM exciter. Excellent condition, tuned to 94.3 mHz. \$2,000

Mark Persons
218-829-1326
Fax 218-829-2026

Collins 310Z-2 FM exciter. Still in operation, installed in 1976.

Herb Hoppe - WHHM
Sauk Rapids, MN 56303
612-252-6200

Harris MX-15 Exciter. 1987 vintage, tuned to 106.9 mHz. \$2,200 or best offer.

Don Benefield - WWYN
68 Federal Drive
Jackson, TN 38305
901-664-5524

Cable modulator.

Elcom/Bauer model 680, 15 watt exciter.

McMartin B-910 exciter.
WHUM

5464 Pleasant Valley Rd.
Cogan Station, PA 17728
717-998260
Fax 717-998-8888

2) RCA BTE-15A exciters.
RCA BTX-101 SCA generator.

2) RCA BTS-101 stereo generators.
Robert Lankton - WDUV
813-749-1420

Test and Monitor Equipment

Hewlett Packard 5425L electronic counter and HP 5253B frequency converter (50-500 mHz). \$275 for both plus \$20 shipping.

CCA VSWR Watchdog. \$150 plus \$10 shipping.

Melvin Gollub - WMJS
P.O. Box 547
Prince Frederick, MD 20678
301-535-2201

**Fax Your
Tech-Tips to
(507) 280-9143**

HP 410B VTVM. \$30
Heath IM-16 VOM. \$25
Tom Steele - Steele Communications
1697 Broadway, Room 1404
New York, NY 10019
212-265-5563

Dymek AM5 monitor radio and DA9 active AM antenna.
George McClintock - WNOI
4647 Old Hydes Ferry Pk.
Nashville, TN 37218
615-255-1300

McMartin AMR-1 AM receiver tuned to 830 kHz.

McMartin AMM-1D AM modulation monitor.
Gates/Harris GTA-88F Pilot SCA frequency comparator.

Ron Wood - KOWO
Waseca, MN
507-835-5555

NLS MS-15 15mHz single tract oscilloscope with case, probe, book and battery. Good condition. \$150

Mark Persons
218-829-1326
Fax 218-829-2026

Metron AM modulation monitor #506B. Working condition.

Joe Davis - KLSR
P.O. Box 400
Memphis, TX 79245
806-259-3511

Cornell Dubilier model CDE decade capacitor. 0.01uF to 1.1uF, +/- 5%.

(continued . . .)

Nestronics model B105
decade resistor. 10 ohms to
1.99999 megohms, +/- 0.1%.
2 watt pushbutton style.
\$150 each or \$225 for both.

Wayne Nestor - KDUH-TV
418 1st Ave.
Baynard, NE 69334
308-632-3071

Getting out of radio contract-
ing! GR 916A VGC; GR 1603
Z-Y bridge; other bridges, GR
and other coax items. Audio,
RF and general test equipment
(GR/TEK/HP/Polorad).
Everything goes.

Doug Walker
P.O. Box 4122
Dayton, OH 45401
513-837-3415 weekday
evenings.

Potomac FIM-21 FM field
strength meter. New in 1987,
unit has been used indoors
under lab conditions only. In
perfect condition. Wooden
protective box included.
\$2,000 firm.

D.M. Haworth - KTIS-AM/FM
3003 Snelling Ave. N.
St. Paul, MN 55113
612-631-5000

TFT model 760 EBS. Unit has
760-04, 760-02, 760-03. Some
parts works, others don't.
great to fix or for parts. Manual
included. As-is, best offer.

Michael Shannon - Radio
Daze Worldwide
P.O. Box 652
Mishawaka, IN 46544

Call Radio Daze BBS at 19-
256-2255 and leave message
for Sysop.

HP 8591A 9kHz-1.8GHz digital
spectrum analyzer with
tracking generator, RS-232
interface, storage cards, AM/
FM demodulator. \$18,500

Delta OIB-1 RF operating
bridge with 18" leads. \$2,000
HP 7470A digital plotter. \$500

Holiday Industries HI-
5000SX system including HI-
3002 isotropic broadband field
strength meter, E-field, H-field,
and low frequency H-field
probes, HI-3320 datalogger,
backpack, printer and case.
\$5,200

Portable LORAN-C locator.
\$500

General Radio 12110C 0.5-50
mHz unit oscillator with power
supply. \$300

Potomac AM-19D 6-tower DA-
2 digital antenna monitor.
\$3,800

Sony PVM-8200T profes-
sional color monitor. \$1,200

Sony BVE-800. \$400

Harris AM-80 AM modulation
monitor. \$350

Tektronix 1420 NTSC
vectorscope with case. \$2,100

All equipment in excellent
condition.

L. Morton - MA Communica-
tions

1231 Mesa Oaks Lane
Mesa Oaks, CA 93436
805-733-4275

Modulation Sciences Mod
Minder. \$2,275 new.

WHUM

5464 Pleasant Valley Rd.
Cogan Station, PA 17728
717-998-2609
Fax 717-998-8888

McMartin AMR-1EBS
receiver. \$50

McMartin FMR-1 EBS
receiver. \$50

Heath IM3B AC voltmeter. \$25

B&W model 200 audio
oscillator. \$50

B&W model 400 distortion
meter. \$100

Belar SCM-1 SCA monitor.
\$1,000

Paul Barzizza - KJBR
P.O. Box 9375

Jonesboro, AK 72403
501-935-5598

Bird 48, 50kW FM wattmeter
(missing element).

Jim Phillips - WZOM
408-1/2 Clinton
Definace, OH 43512
419-782-8591

Tektronix model 1L20
spectrum analyzer plug-in
module in model 132 portable
power supply unit.

Singer model MF-500/UR-3
spectrum analyzer.

B&W 410 distortion meter.

Belar FM modulation
monitors. FMM-1; FMS-1;
SCM-1, RFA-1. All clean and
current calibration.

McMartin TBM3700,
TBM2200 FM modulation
monitors.

Robert Lankton - WDVU
813-749-1420

McMartin Pilot frequency
meter. Make offer.

Don Cook - Devon Broad-
casting
915-333-2510

Marti Red Tag Sale!

Move up to Marti
at a fraction of
the new cost.

We have dozens of pre-owned
STL and RPU systems that
were taken in trade for new
Marti Equipment. These units
are completely rebuilt and
carry a full 1 year warranty.

Call Marti now!
(817) 645-9163

PA & Sound Gear

2) Yamaha model 2050 power amplifiers.

Peter Dean - WTMX
8833 Gross Point Rd.
Skokie, IL 60077

3) Dukane 100 watt tube amplifiers.

EV SRO-120 fiberglass horn.

Church system 3-deck cassette recorder.

Jim Phillips - WZOM
408-1/2 Clinton
Defiance, OH 43512
419-782-8591

dBx 500 sub-harmonic synthesizer.

Robert Lankton - WDUV
813-749-1420

Tubes and Components

Transmitting capacitors:
Solar or Sangamo:

- 2) 100pF, 10kV
- 1) 150pF, 20kV
- 1) 620pF, 5kV
- 1) .0225uF, 3kV

Make offer.

Jack Parker - WVBE-AM/FM
225 E. 6th St.
Cincinnati, OH 45202
513-721-1050
Fax 513-421-7460

Vintage radio and TV tubes.
No list available. Send SASE
with your wish-list.

Mark Starin - WJYY-FM
457 Varney St.

Machester, NH 03102
603-625-1165

Satellite Equipment

Fairchild DART 384 with
15kHz dual audio card, voice-
cue card and downconverter.

Scientific Atlanta 15 kHz dual
audio decoder card.

John Nichols - WDOT
152 Bank St.
Burlington, VT 05401

802-862-5776

Wegner model 1610-50
mainframe for Transtar For-
mat-41 includes:

1605-03 power supply
1689-04,04 IF downconverter
1659-

1601-03,04 Panda II audio
demods

1608-22 3.76GHz SCPC
downconverter

1644-02 relay card

Colorado Magnetics TZF-
100, NS-85, NS-200B and
satcue-400.

Make offer.

Mark Goff - KLDE
5353 W. Alabama
Houston, TX 77056
713-622-5533
Fax 713-622-7479

Wegener LNB system:

1629-10; 1645; 1646; 1606-21;
1683-08; 1605-12; mainframe.

Set up for SMN Pure Gold.
\$1,350

Mark Mayhugh - WADE
703 Market St.

Parkersburg, WV 26101
304-485-7354

Zephyrus receiver for Open
House Party. Complete
package with dish and spares,
including second receiver.
\$1,750

David Lane - WMVO
P.O. Box 348
Mt. Vernon, OH 43050
614-397-1000

Wegner 1601 satellite receiver
with 1621,1624,2) 1645,1646.
\$1,200

Paul Barzizza - KJBR
P.O. Box 9375
Jonesboro, AR 72403
501-935-5598

Zephyrus satellite receiver.
392 receiver, 321 demod, 381
tone decoder.

Charles Dozier - KKUL
2401 Montana Ave.
Billings, MT 59101
406-245-2000

Janiel SP2000 stereo satellite
receiver processor with 2-
channel stereo receiver.

2) Janiel BCR2000 satellite
receivers.

Microdyne 1100-FFC (XT)(S)
satellite receiver.

Microwave associates
(MAACOM) VR-3X satellite
receiver.

MAACOM 4/MS satellite receiver (6.2/6.8/1.2/2.4).

Scientific Atlanta 7300 wideband with ps/demod bssc/downconverter/bpst receiver/decoder modules.

Scientific Atlanta 7325 digital processing unit with (3) 15kHz dual audio decoders; (2) voice cue decoders; (1) DMX; (1) power supply.

**Richard Lynn - WLIQ
615-458-6616**

Microwave Associates VR-3X satellite receiver. Make offer.

Equatorial 5100 satellite controller with modem. Make offer.

Wegner SCPC receiver. Used 5 months, like new. Paid \$3,775 - sell for \$2,700

Don Cook - Devon Broadcasting

915-333-2510

TV & Video

Channel 2 TV transmitter with less than 100 hours. Has synthesized offset. Model 334583 made by Thompson CSF. 10 watts, excellent working condition.

**Roger Paskvan
3516 Mill St.
Bemidji, MN 56601
218-751-3077**

2) Panasonic WV5200B video monitors. \$1509 each.

Comprehensive CVA2B4 video amp. \$100

Complete mobile video system:

1) 40 in rear projection video monitor.

2) Hitachi stereo VCR R/P units.

2) 12 in Rockford Fosgate speakers.

1) Kenwood KA-75 integrated amplifier.

2) Panasonic WV5220B video monitors.

1) Comprehensive CVA24B video amp.

1) EVI/AVS1 switcher.

1) Kenwood KT75 tuner

1) Panasonic F2CCD videocamera.

Sale price (will part out) \$3,000

Paul Barzizza - KJBR

**P.O. Box 9375
Jonesboro, AR 72403
501-935-5598**

Misc. RF

3) ERI sample loops. Used for feeding AM antenna monitor. Includes iso-coils. Make offer.

Several 2 and 3-wire lighting chokes, Make offer.

**Chuck Gennaro - WJMS
222 S. Lawrence
Ironwood, MI
906-932-2411**

7-port 3-1/8" RF patch bay.

**Dennis Orcutt - KMGL-FM
1200 E. Britton Rd.
Oklahoma City, OK 73113
405-478-5104**

GE 30MHz business band 2-way radio system. Tube type base station, working when removed. Base antenna, and parts of 3 car mobiles included. Make offer.

**Sid Shumate - WVIR-TV
503 E. Market St.
Charlottesville, VA 22902
804-977-7082**

Nady 49R wireless receiver. \$100

Nady 49LT transmitter. \$100

**Paul Barzizza - KJBR
P.O. Box 9375
Jonesboro, AR 72403
501-935-5598**

Andrew 1-5/8" coax connectors. Call for list.

Bird 43, 500 watt dummy load.

**Jim Phillips - WZOM
408-1/2 Clinton
Defiance, OH 43512
419-782-8591**

Andrew 3-1/8" splice connector. New, make offer.

4) Andrew 3-1/8" connectors (2 male & 2 female). Make offer.

3) 3-1/8" bullets. Make offer.

**Don Cook - Devon Broadcasting
915-333-2510**

**It's Free!
It Works!**

**Equipment Guide
Classifieds**

Misc. Audio

ITT Telephone system (key system-25 pair); 12 phones; 1 speaker phone with switch; lots of wire; circuit cards 1-5 filled, Mitel tone intercom card.

John Nichols - WDOT
152 Bank St.
Burlington, VT 05401
802-862-5776

3) **Dynaco PAT-4** stereo preamps. \$30 each.

Benton Weiss - KLSI
3101 Broadway, Ste. 460
Kansas City, MO 64111
816-753-0933
Fax 816-753-6654

Scully disk mastering lathes, systems and parts. Call.

Tom Steele - Steele Communications
1697 Broadway, Room 1404
New York NY 10019
212-265-5563

Comrex RLX and PLX.
Dennis Orcutt - KMGL
1200 E. Britton Rd.
Oklahoma City, OK 73113
405-478-5104

2) **Marti program line amplifiers.**

George McClintock - WNOM
4647 Old Hydes Ferry Pk.
Nashville, TN 37218
615-255-1300

Pulse Dynamics remote broadcast telephone with four microphone and one aux level input.

Mark Persons
218-829-1326
Fax 218-829-2026

600) **Audiopak A2** carts.
Phil Thompson - KMAJ
5315 SW 7th
Topeka, KS 66606
913-272-2122

Audiopak AA-3 carts. In all popular music lengths: 2:00 thru 4:00. Hundreds ready to sell for \$2.00 each. none over 2-1/2 years old.

Randle Sather - KPYR-FM
88 Union Ave. #309
Memphis, TN 38103
901-529-0098

Audlometrics (Gentner) 8-channel stereo distribution amplifier. Brand new, never plugged in. With manual and chart for setting internal gain jumpers. Beautiful! \$250

H. Edgar Cole - Bdcst Eng. Svc.
P.O. Box 3509
Lakeland, FL 33802
813-682-2235

Gentner SPH-4 telephone hybrid. used 6 months, replaced by digital system. Best offer or will trade for digital effects processor or Marti RPU equipment (VHF or UHF).

Steve Guttery - WASL
Hwy. 78 at Radio Rd.
Dyersburg, TN 38024
901-285-1339

Gates FA-25 tone filter.
Jim Phillips - WZOM
408-1/2 Clinton
Defiance, OH 43512
419-782-8591

TEAC audio amplifier with VU meter.

Comex bleepmate 675 program delay (3 or 6 sec.) with remote switch.

Telabs 4425 dual wideband repeat coil module. Still in box.

Dual row patch bay.

Richard Lynn - WLIQ
615-458-6616

2) **Shure stereo phono preamps**, new in box. \$150

Don Cook - Devon Broadcasting
915-333-2510

Misc. Equipment

ABC Radio net decoder.

John Nichols - WDOT
152 Bank St.
Burlington, VT 05401
802-862-5776

3) **Kimtron KT-7/PC** IBM compatible computer terminals. Amber with keyboards. \$150 each.

Tom Steele - Steele Communications
1697 Broadway, Room 1404
New York, NY 10019
212-265-5563

600) Compact disc jewel cases. \$40 per 100 or \$200 for all.

Joe Jarjoura - WCIB
P.O. Box C
Falmouth, MA 02541
508-548-3102

2) BTI series 5000 interactive computer systems with terminals. Includes 60MB hard drive and spare subassemblies (CPU, hard drive, controller, etc.). Best offer over \$350 for all. You ship. Will consider trade for late 2-meter multi-mode transceiver.

Jack Parker - WUBE
225 E. 6th St.
Cincinnati, OH 45202
513-721-1050
Fax 513-421-7460

Columbine complete data processing system for the broadcasting industry. System is in mint condition. 1024K RAM, 175MB hard drive, 410 1pm Dot Band printer.

Kevin Plumb - WEBE
2 Lafayette Square
Bridgeport, CT 06604
203-366-6000

Radio Shack TRS-80 model 4 with 2 floppy drives, 5 meg hard drive, daisy wheel 410 printer and software.

Peter Allen - WRBS-FM
3600 Georgetown
Baltimore, MD 21227
301-247-4100

Tandy model 4 computer with TRS-DOS and LS-DOS operating systems. Capable of CP/M. 2 drives, 128K RAM,

word processor and packet radio terminal programs. \$200

Steve Johnston - WGH-AM
281 Independence Blvd.
Virginia Beach, VA 23462
804-497-1310

Keith Monks MK2 record cleaner.

ESE model ES-301 BRT digital timer.

ESE ES-380ST remote digital timer.

Conex model CG-25 tone generator.

Peter Dean - WTMX
8833 Gross Point Rd.
Skokie, IL 60077
708-699-1642

ABC CD-25G 25Hz tone generator. \$150

Cobra AN3150 telephone answering machine. \$25

Paul Barzizza - KJBR
P.O. Box 9375
Jonesboro, AR 72403
501-935-5598

Sola constant voltage transformers. 50-600 watts.

ITT speakerphone. 3 line.

Jim Phillips - WZOM
408-1/2 Clinton St.
Defiance, OH 43512
419-782-8591

Extel weather-wire printer.
Robert Lankton - WDUV
813-749-1420

2) ABC command receivers.
1/2 roll of Sonex.

2) 19' equipment racks (grey).
15) metal cart racks.
Gates equipment rack.
Richard Lynn - WLIQ
615-458-6616

Tech-Tip Topics

Beginning with the January issue, we will be placing your, tech-tips, hint & kinks, and special test procedures in Equipment Guide.

We would like to see the Equipment Guide become the place for all technical information, equipment modifications and up-dates for "experienced" equipment. We hesitate to define or apply the term "used" since that could range anywhere from one to forty years.

We have (finally) categorized the classified ads in Equipment Guide. In doing so, we have provided the logical locations for all of your tech-tips. If you have a tip for a console, for instance, it will go within the "console" category. Transmitters in "transmitters," ... etc.

Our goal is to make the Equipment Guide much more than a classified-only publication. As with the Radio Guide, you can help us to define and establish the structure of this publication.

Of course, you'll be paid for those tech-tips that are published. We'll send you \$15.00 apiece -- and you can send as many as you like.

If you have access to a fax machine, use it to send your tech-tips and classified ads to Equipment Guide. This will insure prompt publication of your tips & ads.

FM BROADCASTERS!!

We can meet all your
FM transmitter needs!!



SOLID STATE - LOW POWER

Amplifiers and transmitters are available at the popular levels of 30W, 100W, 300W, 500W, and 1KW. All units are solid state, broadband, and designed for both local and remote operation.



ONE AND TWO TUBE HIGH POWER

Medium transmitters with broadband solid state drivers and one zero bias grounded grid triode in their PA are available at 1.5KW, 3.5KW, 5.5KW, 7.5KW, and 12KW. Higher power transmitter utilizing two grounded grid triodes (one as a driver) are available at standard outputs of 15KW, 22KW, 25KW, 30KW, 40KW, and 50KW.



Energy-Onix

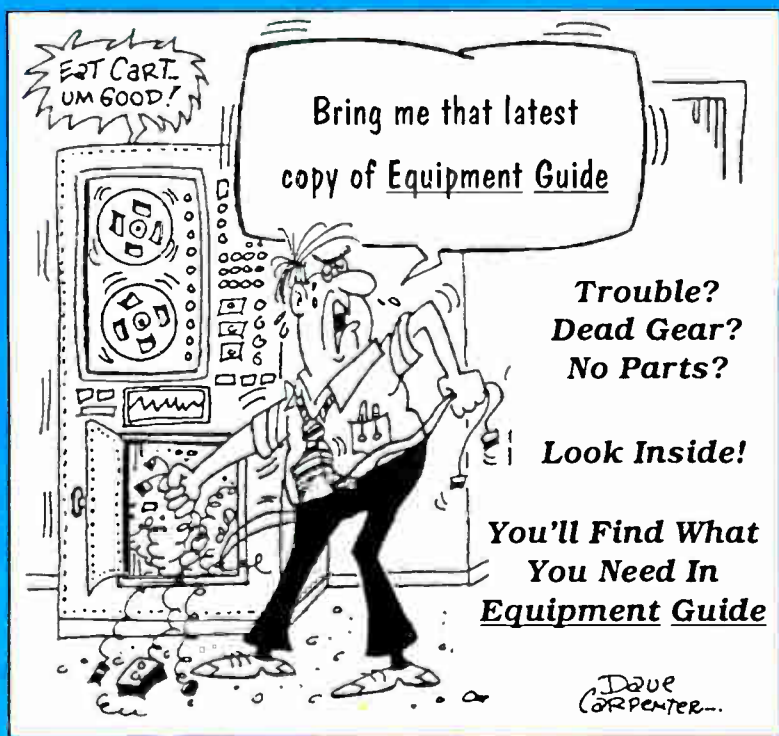
752 Warren Street Hudson, New York 12534

(518) 828-1690 FAX (518) 828-8476

A Wise Enterprise


Equipment Guide

January - 1991

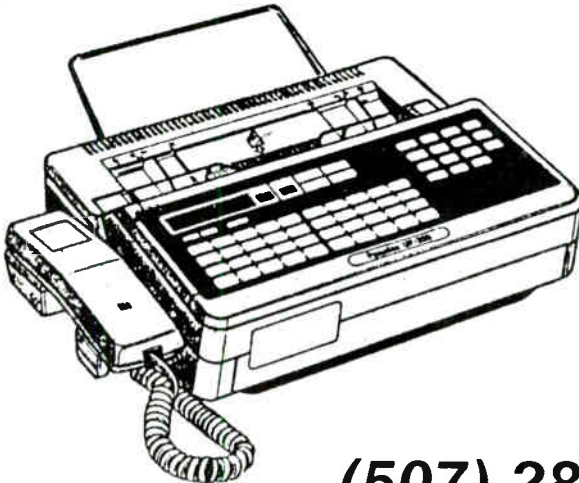


Equipment Guide

Radio's Most Effective Classified Ads

1. Copy the classified ad form on the next page. 
2. Send as many forms as you like -- no limit. Please use a separate form for each category of equipment you are listing.
3. Check the proper categories on each form.
4. Fill in your name, etc., on each form.
5. Mail your forms to P.O. Box 7001, or Fax them to (507) 280-9143
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Equipment Guide

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Equipment Categories: (check one) Buy Sell

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| <input type="radio"/> Antennas, Towers, Coax | <input type="radio"/> AM/FM Exciters, SCA & Stereo Gen. |
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| <input type="radio"/> Audio Tape: Reel, Cart, DAT, Cassette | <input type="radio"/> Sound and PA Equipment |
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| <input type="radio"/> Audio Control: Consoles, Mixers | <input type="radio"/> Satellite Equipment |
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KJUL-FM

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1977	RCA BTA 5L, 5 kW AM
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1980	Harris FM10K, 10 kW FM
1980	McMartin BA-5K, 5 kW AM
1972	CCA AM5000D, 5 kW AM
1980	Continental 316F, 10 kW AM
1972	Harris FM20H3, 20 kW FM
1976	CCA AM 50,000, 50 kW AM
1972	RCA BTA-10U, 10 kW AM

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ITC cart machines. Premium and PD-II, both PB and RPB, mono. Total of 7 machines.

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1kW	Gates	BC1T	1kW	TA	1000C
1kW	Gates	BC1J	1kW	RCA	BTF-1D
1kW	CCA	1000D	1kW	Collins	830D1
1kW	Collins	820D1	1kW	RCA	BTF-1E
1kW	McMartin	BF-1K	2.5kW	Continental	814R2
1kW	Sintronics	S-1-A	3kW	Sintronics	S-3-E
1kW	Harris	MW-1A	3kW	CCA	3000D
1kW	Gates	BC-1G	3kW	RCA	BTF-3B
5kW	Gates	BC-5B	5kW	Harris	FM-5H3
5kW	Gates	BC-5E	5kW	CCA	5000D
5kW	RCA	BTA-5T	10kW	RCA	BTF-10D
5kW	RCA	BTA-5H	10kW	Collins	830F
5kW	Collins	21E	10kW	RCA	BTF-10E1
5kW	RCA	BTA-5L	10kW	Gates	FM-10B
5kW	Harris	BC-5H	10kW	Harris	FM-10H
5kW	Wilkinson	5000E	20kW	CCA	20,000E
5kW	Collins	820E/F	20kW	Collins	831G
5kW	Gates	BC-5P2	20kW	Harris	FM-20H
10kW	RCA	BTA-10K	20kW	RCA	BTF-20E1
10kW	RCA	BTA-10H	25kW	CCA	25,000E
15kW	Sintronics	S-1-15A	25kW	Collins	831G1B
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50kW	RCA/Canada	50kW	25kW	Wilkinson	25000
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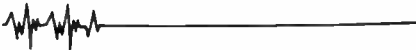
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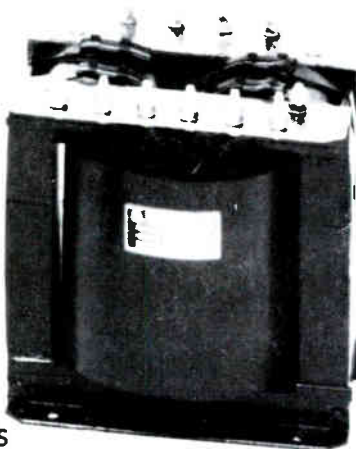
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2) Motorola "Maxar" single channel VHF/high transceiver. 10-watts. \$200 each.

E.R. Stolz

KWOD-FM

1425 River Park Dr.

Sacramento, CA 95815

**916-929-5000 Fax 916-929-
5718**

CT CPU for MRC-1600.

RT CPU for MRC-1600.

4) Telco boards for MRC-1600.

2) 100kHz subcarrier boards for MRC-1600.

ADDs 1010 terminal for MRC-1600.

ADDs Viewpoint terminal for MRC-1600.

Michael Seguin

WVMT-AM

P.O. Box 620

Colchester, VT 05446

**802-655-1620 Fax 802-655-
1329**

Moseley MCR 1600 remote control system in excellent condition. Can be upgraded to 1620. Set up for telco, can be changed to sub-carrier. \$2300

Ken Noble

WSTK

1024 E. Washington St.

Petersburg, VA 23803

**804-861-1290 Fax 804-861-
1294**

Moseley TRC-15 remote control (studio and transmitter units). Good condition. Make offer, we'll deal.

Gary Peterson

KIMM

P.O. Box 8205

Rapid City, SD 57709

**605-348-1100 Fax 605-348-
8121**

Moseley MRC-1600 with 92kHz cards. Excellent condition. \$2100

Moseley SCG-8 185kHz sub-carrier generator and receiver system for STL subcarrier use. Excellent condition. \$800

Tom Ringer

WKMZ

P.O. Box 909

Salisbury, MD 21801

**301-742-3212 Fax 301-548-
1543**

AM Transmitters

New McMartin BA-1K AM 1kW transmitter.

Goodrich Enterprises

11435 Amnderson St.

Omaha, NE 68164

402-493-1886

Nautel 1-50kW AM transmitter.

Stuart Engelke

WWDJ

167 Main St.

Hackensak, NJ 07602

**201-343-5097 Fax 201-343-
7179**

Rebuilt Transmitting Power Tubes

- Fraction of new tube prices
- New tube warranty
- Guaranteed satisfaction
- Duds purchased or rebuilt



Send types used for quote

Partial list: 356, 880, 892, 5606, 5667, 5668, 5671, 5681, 5682,
5771, 5918, 5936, 6424, 6425F, 6426, 6427, 6623, 6396, 6800,
7560, 7804, 8461, 8795, 22789, 23431, 23791, 4CX35000

Vacuum Tube Industries Inc.

506 N. Warren Ave. P.O. Box 2009
Brockton, MA 02405

508-584-4500

800-528-5014

Fax 508-584-0096

Wilkinson solid state rectifier stacks:

SR24-6 (for 673's) - \$100

SR10-6 (for 8008's) - \$50

SR10-1 (for 866's) - \$20

Gary Hildebrand

KQTV

1723 Lion Rd.

St. Joseph, MO 64506

816-279-4992 Fax 816-364-3787

FM Transmitters

New BF5M 5kW FM McMartin transmitters.

Goodrich Enterprises Inc.

11435 Amnderson St.

Omaha, NE 68164

402-493-1886 Fax 402-331-0638

Collins 830-D 1kW FM transmitter. Needs work, no exciter. Asking \$4000.

Joseph Bahr

WVIS-FM

P.O. Box 487

Saint Croix, Virgin Islands 00841

809-778-5199 Fax 809-756-5914

Gates FM-5C 5kW FM transmitter. \$3000 or best offer.

T. Tucker

P.O. Box 36717

Tucson, AZ 85740

602-797-1008

Gates model FM-1C 1kW FM transmitter. Tuned to 96.7 mHz. \$3000 or best offer.

Will trade for equipment. We're a college radio station - we'll understand.

Chuck Hubbeling

KTEQ-FM

501 E. St. Joseph

Rapid City, SD 57701

605-394-2231

Harris 40H3 combined transmitter center control cabinet, model 994-6875, and 40kW hybrid combiner coupler. used to make a 40kW transmitter from 2 Harris 20kW transmitters.

Eric Hoen

KFMZ

1101 Walnut

Columbia, MO 65201

314-874-3000 Fax 314-443-1460

Harris 2.5H-3 FM transmitter in excellent condition. 1977 model with new final and driver tubes. Tuned to 100.1 mHz. \$1200

John Wiggins

1513 Heritage Ln.

Florence, SC 29501

803-661-6000

AM/FM Exciters, Stereo & SCA Gen.

CCA FM-10 DS FM exciter.

CCA SG-1D stereo generator.

Collins A830-2 direct FM exciter.

Collins 786M-1 stereo generator.

Collins STL interface card, model 622-2374-001 for Collins/Continental 310-Z2 and Z-1 exciters.

Circuit cards for Collins 310-Z1 exciters. Includes AFC synchronous detector, FM modulator, AFC discriminator, and RF mixer.

Eric Hoehn

KFMZ

1101 Walnut

Columbia, MO 65201

314-874-3000 fax 314-443-1460

Wilkinson SG-1E stereo generator. \$450

RCA BTS-1B stereo generator. \$600

AEL 2203 stereo generator. \$400

2) Collins A830 hybrid FM 10-watt exciters. \$700 each.

John McKinley

Ohio Broadcast Consultants

510 Whitley Dr.

Gahanna, Oh 43230

614-475-1747

Moseley SCG4-T 67kHz SCA generator.

Phil Wells

KJQY

San Diego, CA

619-238-1037 Fax 619-238-6157

New and used FM exciters. McMartin BFM8000 new and B-910 used.

Goodrich Enterprises

11435 Amnderson St.

Omaha, NE 68164

402-493-1886 Fax 402-331-0638

Gates TE-3 FM exciter. \$1000

Wilkinson SG-1E solid-state stereo generator. \$600

Joseph Bahr

WVIS-FM

P.O. Box 487

Saint Croix, VI 00841

809-778-5199 Fax 809-756-5914

Bext has some show units at sale price. Full 2 year warranty, like new. Exciters, amplifiers, STL's. First come first served. Call for details.

BEXT Inc.

739 5th Ave. Suite 7A

San Diego, CA 92109

619-239-8462

CCA FM-40E exciter. Frequency programmable, 40-watt modular solid state unit with book and test cables. Excellent condition. Make offer.

Chuck Gennaro

WJMS

222 S. Lawrence

Ironwood, MI 49938

906-932-2411

BE FX-30 exciter. \$4000

Troy Langham

KQMJ

1502 S. Boulder Suite 204

Tulsa, OK 74119

918-584-0995 Fax 918-582-4740

Harris MS-15 stereo exciter. Tuned to 106.3 mHz, On-line since 1978, good working condition. \$2200 or best offer.

Chuck Edwards

WWJM

210 S. Jackson St.

New Lexington, OH43764

614-342-1988 Fax 614-342-1036

Harris STX-1B AM exciter and Harris STM-1B monitor. Both operating C-QUAM. Best offer.

Bill Bailly - KJEF

P.O. Box 1248

Jennings, LA 70546

318-824-2934

**Test and Monitor
Equipment**

Tektronics 555 quad-trace scope with power supply and cart.

John McKinley

Ohio Broadcast Consultants

510 Whitley Dr.

Gahanna, OH 43230

614-475-1747

Hewlett Packard 8591A 9kHz-1.8GHz digital spectrum analyzer with tracking generator. RS-232 interface, storage cards, AM/FM demodulator. \$18,500

Delta OIB-1 RF operating bridge with 18" leads. \$2000

Hewlett Packard 7470A digital plotter. \$500

Holiday Industries HI-5000SX system including HI-3002 isotropic broadband field strength meter, E-field, H-field, and low frequency H-field probes, HI-3320 datalogger, backpack, printer and case. \$5200

Portable LORAN-C locator. \$500

General Radio 1200-C 0.5-50mHz unit oscillator with power supply. \$300

Potomac AM-19D 6-tower DA-2 digital antenna monitor. \$3800

Harris AM-80 modulation monitor. \$350

All equipment in excellent condition.

Larry Morton

Lawrence morton & Associates

1231 Mesa Oaks Ln.

Mesa Oaks, CA 93436

805-733-4275

B&W oscillator meter, B&W distortion meter. \$200 for the pair, plus shipping.

Bob Stantham

WSTU/WHLG

1000 Alice Ave.

Stuart, FL 34994

407-692-1000

Heathkit IM-36 transistor tester.

Chick Bobbit
KALL

312 E. South Temple
Salt Lake City, UT 84111
801-538-5650 Fax 801-538-5690

Used McMartin modulation monitors tuned and calibrated to your frequency. TBM-4500A, TBM-3700, TBM-3500B, TBM-2200A mono, stereo and SCA.

Goodrich Enterprises
11435 Amnderson St.
Omaha, NE 68164
402-493-1886 Fax 402-331-0638

HP1741A 100mHz dual trace storage oscilloscope. \$925
HP1610A 32-channel logic analyzer. \$235
Frequency counter 1.8-12.5 gHz. \$150
HP5340 Frequency Counter 4gHz. \$1200
HP8444A tracking generator. \$1250

Gary Wachter
602-258-6161

Model CDB-5 Cornell Dubilier decade capacitor .01 to 1.1 uF +/- 5%.

Model B105 Nestrronics decade resistor 10-1.99999meg ohms +/- 0.1%. 2-watt pushbutton style.

\$150 cash or \$225 for both.

Wayne Nestor
KDUH-TV
418 1st Ave.
Baynard, NE 69334
308-586-1340

General Radio model 1931A AM modulation monitor.

Stuart Engelke
WZZO
117 Ridge Pike
Lafayette Hill, PA 19444
215-828-6965 Fax 215-828-8879

PA & Sound Equip.

3) DuKane 100-watt tube amplifiers.
EV SRO-120 fiberglass horn.

Jim Phillips
WZOM
408-1/2 Clinton
Defiance, OH 43512
419-782-8591 Fax 419-782-FAXX

Peavy PA-1000 stereo mixing console with 200 watt amp. \$600

John McKinley
Ohio Broadcast Consultants
510 Whitley dr.
Gahanna, OH 43230
614-475-1747

2) Altec Lansing model 844A monitor speakers.
2) Tannoy HPD-385 speakers in console cabinets.

Eric Hoehn
KFMZ
1101 Walnut
Columbia, MO 65201
314-874-3000 Fax 314-443-1460

Rane SM-26 mixer/splitter, 6-channels. \$210

Rane SC-1.7 security cover. \$13.18

UREI 501 subsonic filter. \$67.50

Cerwin-Vega DB-10 subsonic filter. \$67.50

Shure M64A phono pre-amp. \$49.95

Lonnie Domnitz
750 La Plata Sulte 1100
San Francisco, CA 94121
415-750-0431

Tubes & Components

Misc. parts, transformers, chokes, tube sockets, coils, etc. from Collins 20-T 1kW AM transmitter. Sell or trade??

Chuck Gennaro
WJMS
222 S. Lawrence
Ironwood, MI 49938
906-932-2411

**Send Your List to
Equipment Guide
We'll Do The Rest!**

Satellite Equipment

Harris satellite receiver frame.
\$800

Randy Thomas
WEGZ-FM

101 W. Omaha St.

Washburn, WI 54891

715-373-5151 Fax 715-373-5153

Microwave Associates VRX-3
satellite receiver.

Stuart Engelke
WZZO

117 Ridge Pike

Lafayette, PA 19444

215-828-6965 Fax 215-828-8879

Scientific Atlanta 7300 (2-unit
type).

Fairchild 384 or DAT 32 SAT
receiver for ABC, CBS, NBC.

Al Anderson
KBMR

3500 E. Rosser Ave.

Bismarck, ND 58501

701-255-1234 Fax 701-222-1131

Rack electronics for SMN for-
mat "HEAT," with all tones, etc.
\$300

Doug Stannard - KROK

P.O. Box 1180

DeRidder, LA 70634

318-463-9292 Fax 318-463-9291

TV and Video

Sony PVM-8200T professional
color monitor. \$1200

Sony BVE-800 \$400

Tektronix 1420 NTSC vec-
troscope with case. \$2100

Larry Morton

805-733-4275

Computer Image Corp. 3-bus
program and production video
switcher. Effects variable
boarder, chroma-key, 2 faders,
1 joystick.

2) RCA proc amps with rack
frame, modules and power
supply. as-is.

Telechrome - - video/audio
modulator with channel 4 mod-
ule.

GE "Portacolor" monitor.

Conrac 7" SS mono monitor
(bad CRT).

19" waveform/video monitor
with dual rack frame.

Unknown 1/4-2 inch bulk tape
eraser.

Entire lot \$2500.

E.R. Stolz

KWOD-FM

1425 River Park Dr.

Sacramento, CA 95815

916-929-5000 fax 916-929-5781

Misc. RF Equip.

Andrew 1-5/8" connectors. Call
for list.

Bird #43 500 watt dummy load.

Bird #48 50kW wattmeter.
Missing element.

Jim Phillips

WZOM

408-1/2 Clinton St.

Defiance, OH 43512

419-782-8591 Fax 419-782-
FAXX

Andrew 4-port motorized RF
switch. One 3-1/8" and one for
6-inch.

Electro 20kW air-cooled
dummy load in excellent condi-
tion.

Goodrich Enterprises

11435 Amnderson St.

Omaha, NE 68164

402-493-1886 Fax 402-331-
0638

3) ERI unshielded sampling
loops with isolation coils. Never
used, store indoors. Make offer.

AM lighting chokes. One
Gates 2-wire and one ERI 3-
wire. Make offer.

Chuck Gennaro

WJMS

222 S. Lawrence

Ironwood, MI 49938

906-932-2411

50kW water-cooled Harris
dummy load. Like new, never
used. Best offer.

Al Anderson

KBMR

3500 E. Rosser Ave.

Bismarck, ND 58501

701-255-1234 Fax 701-222-
1131

Surplus micas and vacuums.
RF meters, EF Johnson inductors, bargains.

G. Hutchinson
1100 W. Abram
Arlington, TX 76013
817-261-8721

25kW Bird model 8752 VHF water-cooled dummy load. \$500

Andrew model 1910 automatic dehydrator. Works fine. \$250 plus shipping.

2) Gates 72" high equipment racks.

Eric Hoehn
KFMZ

1101 Walnut
Columbia, MO 65201
314-874-3000 Fax 314-443-1460

Eagle Hill PSSA adaptor. Was used to run as little as 28 watts with a 5/1kW transmitter. Have just gone 500 watts nighttime and no longer need it. Very good condition. Make offer, we'll deal.

Gary Peterson
KIMM
P.O. Box 8205
Rapid City, SD 57709
605-348-1100 Fax 605-348-8121

Misc. Audio/Telco

350) 3-1/2, 4-1/2 & 5-1/2 minute Aristocarts. Good to excellent condition. \$1.00 each or make offer on lot.

Cary Fries
KSQY-FM
P.O. Box D
Deadwood, SD 57732
605-578-3533

ITT 3-line speakerphone.
Gates FA-25 tone filter.
UREI 5-line, 5-deck telephone information system (carts).
Telex CS-75 economy grade Sportscaster headsets.

Jim Phillips
WZOM
408-1/2 Clinton
Defiance, OH 43512
419-782-8591 Fax 419-782-FAXX

Marti PGM-20 line amp. \$50
Russco Fidelity-Pro stereo phono pre-amp. \$95

Spotmaster 1x5 mono DA. \$50
3) ABCO wire cart racks on floor stands, holding 500 carts each. \$225 each or all for \$600.

1000) Scotchcart II's with easy-listening/lite-jazz library. Well recorded in stereo. \$2.00 each or \$1800 for the lot.

One set LEL alignment gauges for Ampro cart decks. \$15

Phil Wells
KJQY
San Diego, CA
619-238-1037 Fax 619-238-6157

Harmon Kardon Citation-11 pre-amp/switcher/EQ. \$150

Harmon Kardon Citation-14 FM tuner, with Dolby. \$125

Lonnie Domnitz
750 La Plata Suite 1100
San Francisco, CA 94121
415-750-0431

Gentner SPH4.
Bantam patch panel.
ITC eraser/splice finder ESL-IV.
Make offer on all.

Dutch Doelitzsch
WDDD
Marion, IL
618-997-8123

Gentner SHP-4 telco hybrid. Brand new, never used.
ATC mono record amp. Condition unknown.

Stuart Engelke
WZZO
117 Ridge Hill, PA 19444
215-828-6965 Fax 215-828-8879

Misc. Equipment

2) Op-amp 24-volt power supplies. Heavy duty. \$35 each.

Cary Fires
KSQY-FM
P.O. Box D
Deadwood, SD 57732
605-578-3533

Equipment Guide
Ads Are Current!

SCA Paging system: Includes Belar SCA monitor SCM-1; BTC SCA generator model 1000; Liaison (Reach Electronics) dial access paging terminal model 21D1E1-B2EG; Texas Instruments data terminal model 703; 25 Reach VIP-II pagers model 2VR82. Includes all cables and manuals. \$9000 or best offer.

William McManus
KZJH-FM
475 N. Cache (Box 2602)
Jackson, WY 83001
307-733-1770

Sola constant voltage trans-
formers. 50-600 watts.

Jim Phillips
WZOM
408-1/2 Clinton
Defiance, OH 43512
419-782-8591 Fax 419-782-
FAXX

Lazy Susan cart rack. 500 cart
capacity. \$350, you pick up.

Bob Statham
WSTU/WHGL
1000 Alice Ave.
Stuart, FL 34994
407-692-1000

Heathkit weather station (dis-
play only). \$25
Gentner Silence Sensor with
noisemaker. \$95

Phil Wells - KJQY
San Diego, CA
619-238-1037 Fax 619-238-
6157

Commodore 64 computer.

2) **Commodore 1541** disk
drives.

300) **disks** with programs.

Power supply, all cables,
books included. Excellent con-
dition.

Jon Book - WOC
3535 E. Kimberly Rd.
Davenport, IA 52807
319-344-7000

2) **Motorola Maxar** mobile ra-
dios on 450.7 mHz.

Realistic STA-650 receiver.

Michael Seguin - WVMT-AM
P.O. Box 620
Colchester, VT 05446
802-655-1620 Fax 802-655-
1329

Peter Dahl transformer. Pri-
mary 197-240 volt center
tapped single phase. Sec-
ondary 8000 volt center tapped @
2.2 amps. New.

2) **Tandy 6000** computers with
15-meg internal hard drives and
one external 35-meg drive.
Once computer works, the
other is for parts.

6) **Tandy DT-100** terminals.
Two work and four are for parts.

Tandy model-1 level-1 4K RAM
computer. FREE to a good
home!

Xerox model 1025 copy ma-
chine. Working.

Stuart Engelke - WZZO
117 Ridge Pike
Lafayette Hill, PA 19444
215-828-6965 Fax 215-828-
8879

Gentner SPH-4 telephone sys-
tem hybrid. Used 6 months.
Best offer or will trade for digital
effects unit of Marti RPU equip-
ment (VHF or UHF).

Symetrix TI-101 telephone in-
terface. Good condition. Best
offer.

Steve Guttery
WASL
Highway 78 at Radio Rd.
P.O. Box 100
Dyersburg, TN 38024
901-285-1339

6-foot equipment rack. \$100,
pick-up only.

National NC-300. \$125, I ship.

Herman Gibbs
WCWS
P.O. Box C-3122 College of
Wooster

Wooster, OH 44619
216-263-2000 Ext. 2767

Classified Forms

Remember, you may
send as many forms as you
like to Equipment Guide -
there is no limit. Just make
sure that you use a separate
form for each category of
equipment that you want to
buy or sell. This helps us to
speed up the process and to
get your ads published as
soon as possible.

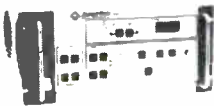
Always mark the proper
categories on each form.
Please do not check more
than one category one each
form. All of the information
that you list on the form will
be published in Equipment
Guide.

Ray Topp - editor

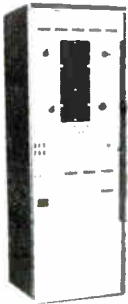
FM BROADCASTERS!!

We can meet all your
FM transmitter needs!!

SOLID STATE - LOW POWER



Amplifiers and transmitters are available at the popular levels of 30W, 100W, 300W, 500W, and 1KW. All units are solid state, broadband, and designed for both local and remote operation.



ONE AND TWO TUBE HIGH POWER

Medium transmitters with broadband solid state drivers and one zero bias grounded grid triode in their PA are available at 1.5KW, 3.5KW, 5.5KW, 7.5KW, and 12KW. Higher power transmitter utilizing two grounded grid triodes (one as a driver) are available at standard outputs of 15KW, 22KW, 25KW, 30KW, 40KW, and 50KW.



Energy-Onix

752 Warren Street Hudson, New York 12534
(518) 828-1690 FAX (518) 828-8476

A Wise Enterprise