

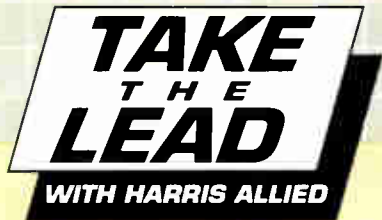
Product Guide

Radio Broadcast Products and Services



Harris/Allied - Pages 40-43
Smartcaster - Pages 44-45

Also: **BEXT**
The Management
Gerstmann Software



Audio logging has come down to this.



Eventide's new VR240 Digital Audio-Logger stores an entire week's worth of audio on a single DAT cartridge.

A whole week of programming. If you've ever struggled with finicky reel-to-reel loggers (or tried to make do with standard audio cassettes), you know what a mountain of tape that adds up to. Now the whole thing can fit in your shirt pocket.

The VR240 turns logging into a truly cost-effective competitive weapon for program directors and sales managers. With up to 24 channels, you can record your AM, FM and TV audio in stereo—plus your crosstown competition, even the local police and fire channels. On playback, the VR240 locates any audio segment in less than a minute.

Come to NAB Booth #1100. We'll show you how easy logging can be with Eventide's new VR240 Digital Audio-Logger.



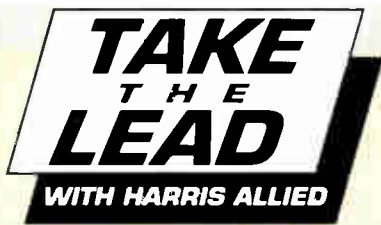
With expanded staff and service...our lead keeps on growing.

800-622-0022

FAX 217-222-7041

STUDIO EQUIPMENT ■ HARRIS RF PRODUCTS ■ SATELLITE GEAR ■ TURNKEY SYSTEMS

IN CANADA 800-268-6817



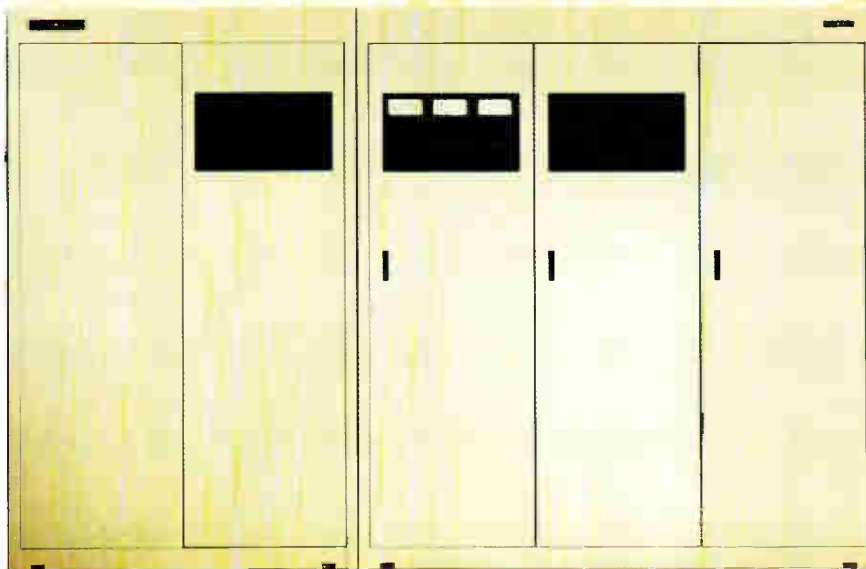
Map Out Your Future At NAB '91

Where is RF technology headed? The signs of times are easy to read at Harris Allied, booth 1100. That's where you'll find the show's most innovative FM and AM transmitters. Don't miss these products, and more new and exciting RF developments—from Harris, the RF leader.

Platinum Series™ FM ▶

Solid State FM Transmitters

- World-proven Platinum 100% solid state technology
- Redundant design for unprecedented on-air reliability
- Easy operation—no tuning, loading or matching required
- Simple controls, minimal maintenance requirements
- Wideband FET output devices for top performance
- Lowest incidental AM noise ever



◀ DX Series

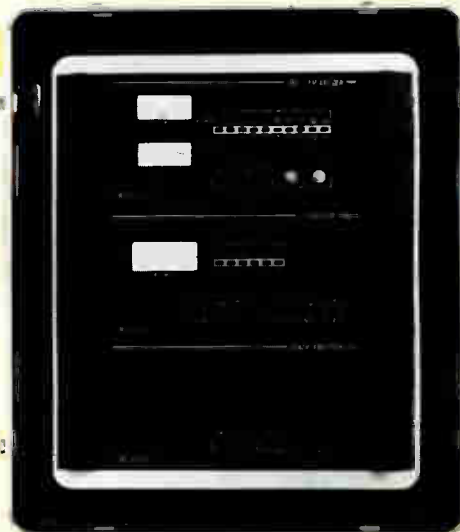
Digital Solid State AM Transmitters

- Patented digital modulator for transparent signals
- 86% overall efficiency cuts power costs
- The world leader in MW broadcasting
- Power levels from 10 to 100 kW and beyond

HT 500FM ▶

Containerized 500 Watt Solid State FM Transmitter

- Available 24 hours a day, 365 days a year for emergency backup
- Frequency-agile design needs no tuning
- On-site and on the air in 24 hours anywhere in the continental US
- THE-1 exciter for reliable performance



**TAKE
THE
LEAD**
WITH HARRIS ALLIED

Map Out Your Future At NAB '91

The show's largest selection, the show's hottest technology... the best show in Vegas is right here at Booth 1100.



Gentner

Lazer Digital Processor/Stereo Generator

Digital processing minimizes crosstalk and noise, delivers precise, drift-free control of pilot injection, limiting threshold, etc. Lazer lets you program the sound you want—exactly.

DIGITAL
AUDIO

Audio Animation

paragon--transmission

All digital processing with instant-attack limiting for today's cleanest, most competitive FM sound, tomorrow's digital broadcasting. Multiple setups can be edited, saved and loaded on-air for dayparting.

DIGITAL
AUDIO

HARRIS

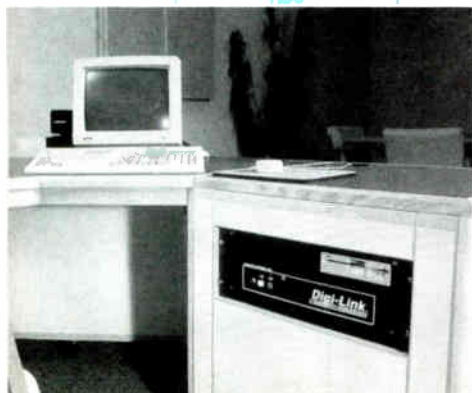


Arrakis

Digilink

Five modes—stereo production, on air/live assist, satellite automation, full automation or news, CD-quality digital recording, instant cueing, powerful and flexible computer control and maintenance-free digital storage... yet Digilink actually costs less than the analog equipment it replaces.

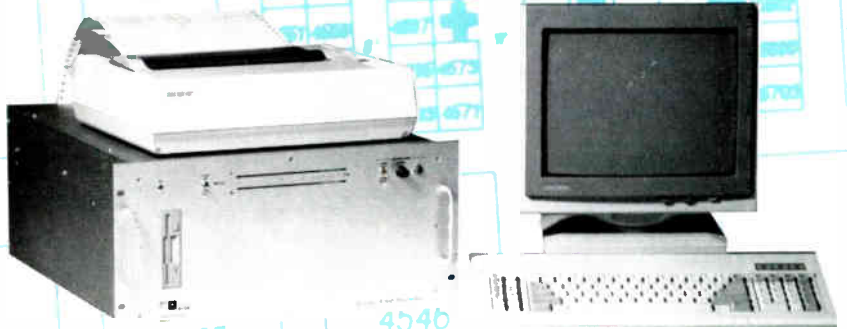
DIGITAL
AUDIO



Audisk

Satellite or live assist automation

This cost-effective PC-based system offers stereo record and playback and gives you up to 6 days of walkaway time. You'll love it!



AKG

DSE 7000 Digital Sound Editor

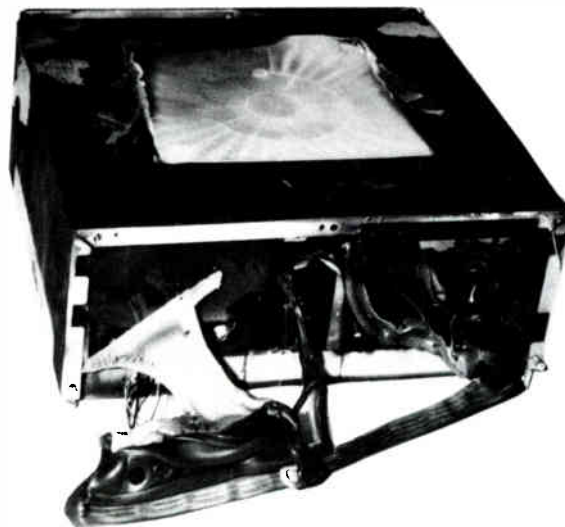
This is the digital audio workstation designed for radio. Familiar analog-style controls eliminate the "learning curve." The advanced RAM-based editing system makes production studios three times faster. Spots, spec, promos... stations across the country are out-producing the competition with the DSE 7000.



SMARTCASTER

DIGITAL AUDIO

THE NIGHT SPENCER IOWA'S HOT NEW MUSIC FORMAT GOT REALLY HOT.



SMARTCASTER MELTED DOWN - BUT NEVER LOST ITS COOL!

When a tragic fire swept through the KJJG-FM studios in Spencer, Iowa early the morning of February 10th, the intense heat destroyed everything inside the building, even fusing together stacks of carts and cd's.

Firemen outside, dumping tons of water into the burning structure, were astonished when they realized KJJG remained on the air!

Inside the inferno, the station's SMARTCASTER was still at work. Flames melted one disk drive, and burned through the faceplate of the machine. Heat scorched the paint off the

cabinet. The unit's ventilator fan drew soot and smoke through critical components, before the fan itself became a victim of the heat.

The keyboard and monitor became unrecognizable blobs of molten plastic, yet the SMARTCASTER continued its job! Even after the power failed, the unit stayed on the air, switching smoothly to its backup power supply.

SMARTS Systems technicians were able to recover everything...over 600 spots, jingles, liners and other production stored in the machine, then worked all night to install a

new unit. A few hours after the smoke cleared, KJJG was back on the air, with a new SMARTCASTER operating from a temporary mobile home studio. SMARTS Systems people then recovered all the accounts receivable, logging and traffic information from the stations office computer. Less than 19 hours after the fire, KJJG was back on the air in a revenue producing situation.

At SMARTS Broadcast Systems, we believe in going the extra mile for our customers, both in the quality of the products we manufacture, and the dedication of our people to pitch in and help when they're needed.

**SMARTS BROADCAST SYSTEMS - BOX 293 - EMMETSBURG, IA 50536
800 747-6278**

SMARTCASTER

DIGITAL AUDIO

BUT AN UNBURNED SMARTCASTER LOOKS AND PERFORMS EVEN BETTER!



SMARTCASTER is a complete automation system in a computer box - storing all your spots, jingles, satellite liners, everything you would put on a cart, on the hard drive of the machine.

SMARTCASTER is also a brain - integrating satellite, CD's, or open reels with the spots stored on the drive. The result,

unattended operation, overnight or over an entire weekend.

SMARTCASTER is reliable, with only 2 moving parts. Its very simplicity breeds increased reliability.

SMARTCASTER is economical. The modular design concept allows stations to purchase the

features they want, and expand as needed.

There are more SMARTCASTER's in use in radio stations around the world than any other digital audio machine.

In one year, SMARTCASTER has set the pace for the digital audio revolution in broadcasting.

To find out more, call, write, or see us at the NAB in Las Vegas.

**SMARTS BROADCAST SYSTEMS
BOX 293 EMMETSBURG, IA 50536
In USA (800) 747-6278 Outside US (712) 852-4047
BOOTH 2032 NAB**

Digital DJ™

The first low cost *programmable* Digital Audio Hard Disk system for broadcasters

- Scrap Your Cart Machines
- Retire Your Carousels™ - InstaCarts™ - GoCarts™
- Bury Your SuperSwitch™ & Spot Reels

Digital DJ replaces all your cranky old audio Cart sources with high quality mono or stereo *digital* audio from a computer hard disk. Satellite and automated stations finally have enough reliable storage to run for days without problems.

Complete Satellite Systems from \$260/ Mo

Automation source Replacement from \$230/Mo

Audio Cart Machine Replacement from \$200/Mo

Multi-day programming from any Satellite is a snap. Automatic ID, liner rotations. Complete Live Assist built in. Easy operation. Integrate control & production rooms, traffic, copy and sales via low cost LAN networks. Eliminate your paper Log. Rotating live Tags & live Copy, news, weather and phone lists displayed on the screen. No hardwiring, no relays! Fully programmable. Standard outputs and true audio switching.

Traffic & Billing and Music Systems

EZ Log: \$695.00 Orders, Logs, Co-op Bills, A/R

Simple Log: 1,495.00 Sales Projections, big capacity

Super Log: 2,495.00 Compare with *any* system!

Music Log: 895.00 Century 21™ D/B Compatible!

All Traffic & Billing systems *interface* to Digital DJ

Call for DJ or Music Demo disk/ 60 page Traffic brochure

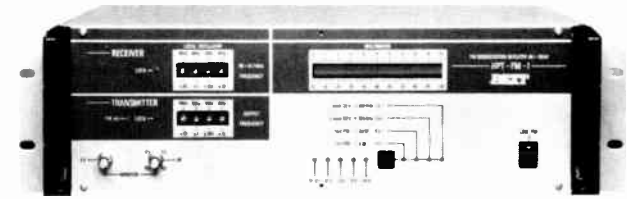
900+ Stations - Our 11th Year

The Management

1-800-334-7823 - 1-817-625-9761

BEXT

Beyond Excellence



HPT FM Transmitter/Translator/Booster

The workhorse HPT combines the features and flexibility of BEXT receivers and exciters in one compact frame. A common BEXT advantage: its input and output frequencies are programmable in the field. Available with either an FM band input range or STL band input range, the versatile HPT can be fed with an STL or FM signal or with L&R audio channels. FM band output power is continuously variable from zero to 20 watts, so no separate exciter is necessary, and local audio input capability removes the need for an extra modulator card or box. Options include a call sign keyer and a built-in high quality stereo generator for recombining L&R signals from phone lines or from satellites.

BEXT 619-239-8462

FAX: 619-239-8474

STILL RIPPING THE WIRE?

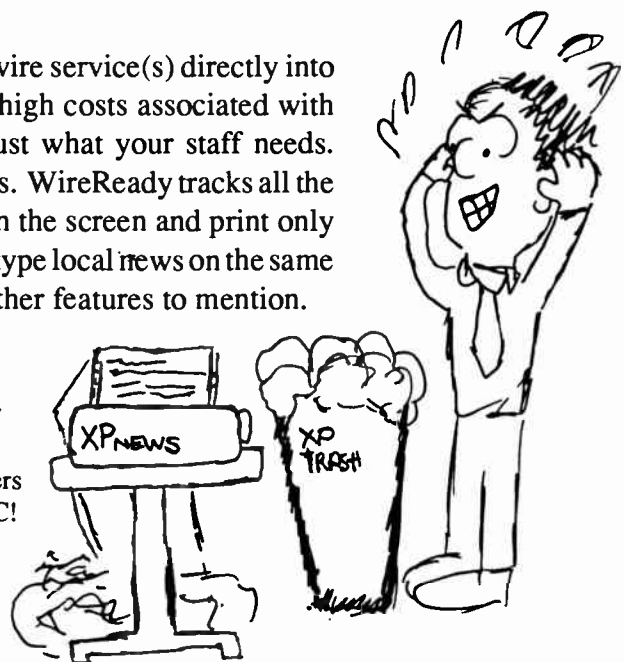
YOU'RE SPENDING \$75 - \$150/mo. ON PAPER AND RIBBONS FOR YOUR WIRE SERVICE BECAUSE YOU PRINT *EVERYTHING ALL THE TIME*

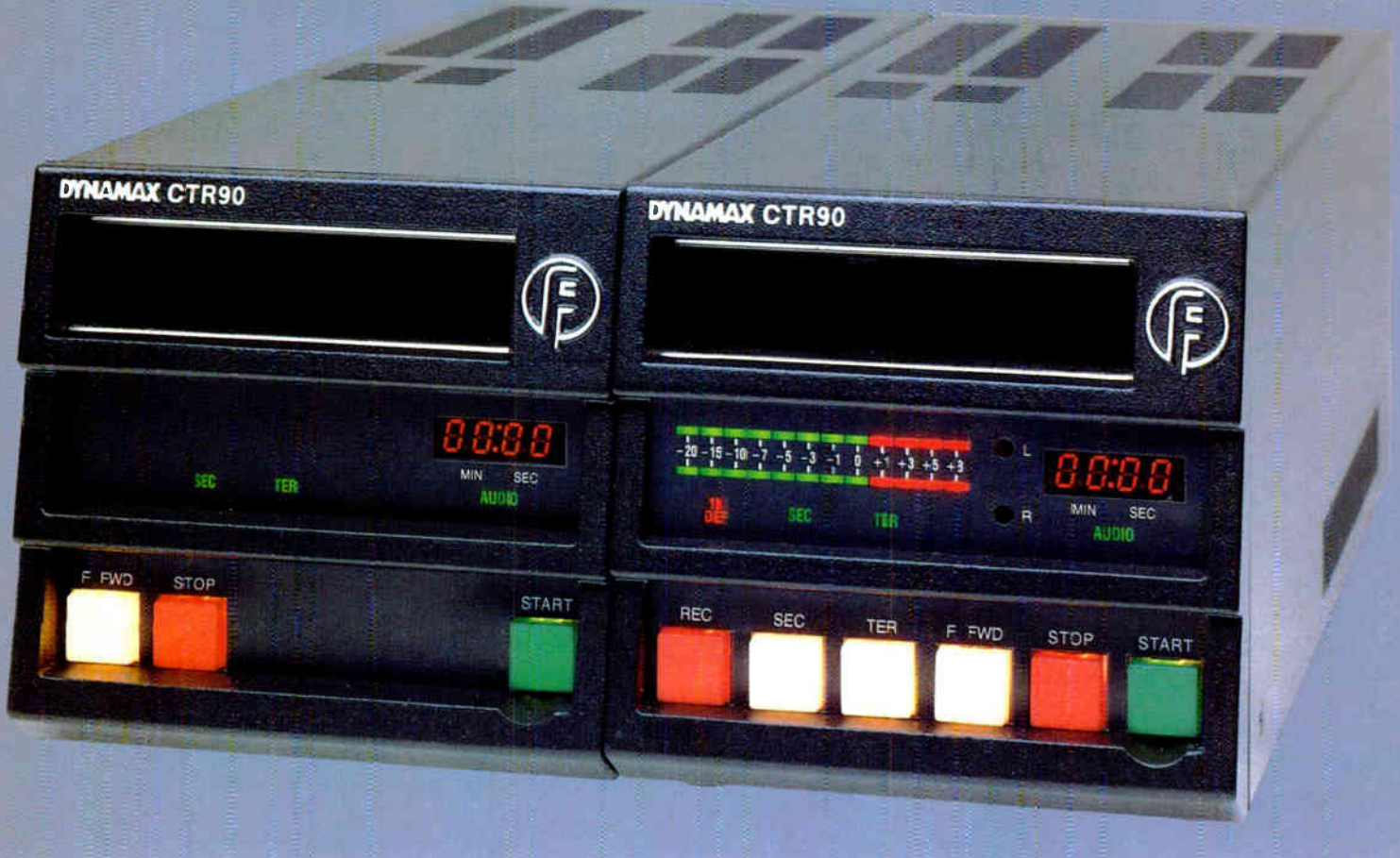
WireReady Newsroom Software lets you plug your wire service(s) directly into any IBM compatible XT/AT computer without the high costs associated with other systems. WireReady automatically prints just what your staff needs. Imagine the savings alone during nights and weekends. WireReady tracks all the news and lets your staff read and edit stories right on the screen and print only the ones they need. In fact, WireReady lets your staff type local news on the same computer with full split screen access. Too many other features to mention.

- No Weekly Fees! Own the basic system for only \$549
- 24/hr toll-free support and upgrades for only \$99/yr
- Multiple user and custom systems available for Radio & TV
- Compatible with AP, UPI, NOAA weather, Learfield Data
- Compatible with ABC, NBC, CBS, Zapnews and many others
- Soon to offer audio automation and cart features on same PC!
- In use all over the U.S.A. from the Virgin Islands to Alaska

800 833-4459

GERSTMANN SOFTWARE TECHNOLOGIES
FRAMINGHAM, MASSACHUSETTS (508) 820-7284





The New Dynamax® CTR90 Series Sounds as good as CD on the air

With a -81 dB signal to noise ratio, the new Dynamax CTR90 Series is the best piece of equipment that we have ever built. And, we're convinced, the best cartridge machine ever built. What's more, the CTR90 Series outperforms other elements of the broadcast chain, including typical STLs, excitors, transmitters, and even the best audiophile quality receivers.

In addition to Dolby HX Pro™ Headroom Extension and DNR® Dynamic Noise Reduction, the CTR90 Series provides many useful features including Extended Scale VU/PPM Metering, a Real Time Minutes & Seconds Timer, Active Balanced

Inputs & Outputs, and both XLR and "D" type Input/Output Connectors. All models are ruggedly constructed to Dynamax standards, with toroidal transformer based powering, constant current solenoid drive, DC/PLL motor control, and an improved high stability Head Bridge with non-interactive adjustments.

And, believe it or not, the new and fully loaded Dynamax CTR90 Series is about the same price as our CTR10 Series, the most widely accepted cartridge machine worldwide for the past 4 years. So, if you want top value, and cartridge performance comparable to CD, try the Dynamax CTR90.

Call your Dynamax Dealer or Fidelipac for a complete CTR90 Series brochure.



NAB Booth 0241

Fidelipac Corporation □ P.O. Box 808 □ Moorestown, NJ 08057 U.S.A. □ TEL 609-235-3900 □ FAX 609-235-7779 □ TELEX 710-897-0245

CTR90 Series Signal to Noise Ratio

-81 dB, "A" Weighted, referenced to 250 nWb/m, with DNR active. -70 dB, "A" Weighted, referenced to 250 nWb/m, with DNR inactive.

Dolby HX Pro Headroom Extension originated by Bang & Olufsen and manufactured under license from Dolby Laboratories Licensing Corporation.

DNR is a registered trademark of National Semiconductor Corporation under U.S. Patents 3,678,416 and 3,753,159.

Thinking about FM Processing?

We offer the newest and most complete line of audio processing on the market...



Audio Signature Four-band Audio Processor

The Audio Signature is the most advanced combination stereo AGC and multi-band compressor ever combined into one unit. Full micro-processor control lets you define the processing parameters that you want. The Audio Signature gives you unmatched flexibility — It's almost like designing your own custom audio processor.



FM 2G+ Audio Processing System

Our FM-2G+ Audio Processing System is designed for those who desire total control of their "on-air" sound. The system consists of the SGC-800 Stereo Gain Controller, SEC-800 Spectral Energy Processor, SMP-850 Stereo Modulation Processor, and SG-800A Digitally Synthesized Stereo Generator. Our modular approach lets you customize the system to fit your needs.



Still under wraps are our newest products. Come see the unveiling at NAB 91! These new units will extend your control of how your station sounds — with a new twist...

see
us at
**NAB
Booth
#1814**

THE
PROFESSIONAL'S
CHOICE



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Bulletin Board System (602) 438-0459