

New Products

PM 5639/20 Industrial CRT Color Analyzer was launched by Philips TV Test Equipment A/S, Kornmarksvej 21, DK-2605, Brøndby, Denmark, 45 32 88 54 85; Fax: 45 43 43 23 90. The product package contains a color sensor and software program. In conjunction with a PC, the unit can be used to align CRT-based color TV sets in manual, automatic, or semi-automatic production lines, by adjusting back-level, the "color of black," contrast level, and the "color of white." The software program enables the user to show the measured results in many ways; the results can also be stored for later examination.

The **PM 5695 Monitoring Demodulator** features a large, back-lit LCD display, multichannel performance, and a keyboard-operated front end. The unit is ideal for monitoring the signal of any TV transmitter installation. The product is designed for the NTSC system and contains built-in measuring facilities that enable measurement and display of important transmission parameters, such as power levels, modulation depths, sync amplitude, and vision SNR.

The **PM 5640 AM Video Test Signal Generator** has more than 175 full-field test signals and patterns. The product features a unique collection of test signals, including Ghost Cancellation Reference signals, which are used to cancel any reflections that occur as shadows on the TV screen.

Circle Reader Service No. 201

The **2707 External Tracking Generator** was unveiled by Tektronix Inc., 14150 S.W. Karl Braun Dr., P.O. Box 500,

Beaverton, OR, (800) 426-2200. The product provides a flexible, high-performance solution for swept-frequency measurements with the company's 2711, 2712, and 2714 Spectrum Analyzers. The 2707's swept-frequency coverage is from 100 kHz to 1.8 GHz, and output-level adjustments can be made in 0.1-dB steps, maximizing control over amplifier compression states. With a dynamic range of at least 100 dB, the product and associated spectrum analyzer allow checks of duplexer isolation and filter rejection. A frequency-offset capability provides correct spectrum analyzer/tracking generator alignment, even when testing very long cables or other devices that introduce significant delay.

The **27120 EMC Pre-/Post-Certification Measurement System** combines under a single system part number all of the instruments and devices necessary for testing to FCC, VDE, VCCI, EC '92, and other EMC requirements. PC-based software, included with the system, provides instrument control and data collection, analysis, and presentation, which allows comprehensive in-house EMC precertification testing that provides quick payback by reducing outside test expenses and significantly improving the probability of formal certification on the first try.

Circle Reader Service No. 202

Miniature, broadcast-quality filters were launched by Allen Avionics, Inc., 224 E. Second St., Mineola, NY 11501, (516) 248-8080; Fax: (516) 747-6724. The AVS Series filters are suitable for almost any analog or digital video processing application. The product is avail-

able in six different stop-band ratios from 1.25 to 1.75; SIN X/X correction is available for all stop-band ratios. The filters can be supplied in single-in-line and dual-in-line epoxy packages or metal cases. All filters are designed for PC-board mounting.

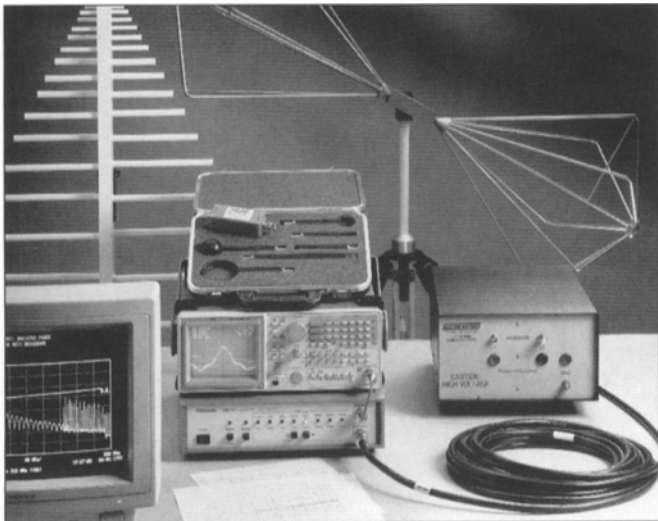
Circle Reader Service No. 203

Long-range FM wireless intercom headphones are available from R-Columbia Products Co., Inc., 2008 St. Johns Ave., Highland Park, IL 60035, (708) 432-7915, Fax: (708) 432-9181. The product provides two-way voice communication from 1 to 2 miles. Model TR-47 headphones are lightweight, noise attenuating, have a built-in FM transmitter, receiver, flexible antenna, and rechargeable Nicad battery supply. The product operates with 1-W RF-output power in the UHF frequency range from 450 to 470 MHz.

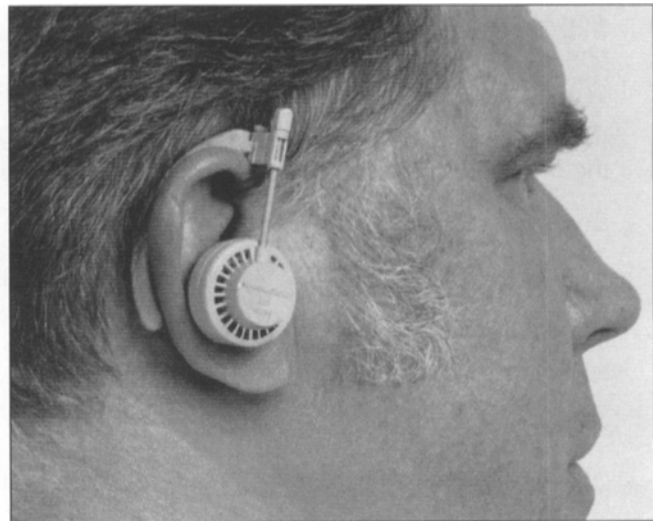
Wireless IFB/Talent Cue Headphones is designed for studio, stage, broadcast, and remote video production. Model RL-100 allows an entire VHF receiver to be built into a "hearing-aid" type of headphone; no belt pack receivers, induction coils, or cables are necessary. The product can be worn comfortably from either ear without a headband or other impairing bulk. The unit is powered with a zinc-air type of hearing-aid battery that will provide up to 80 hrs of continuous use. Reception is from 100 to 200 ft.

Circle Reader Service No. 204

A **compact, robotic pedestal**, manufactured by Radamec EPO, will be marketed by A. F. Associates, 100 Stonehurst Ct.,

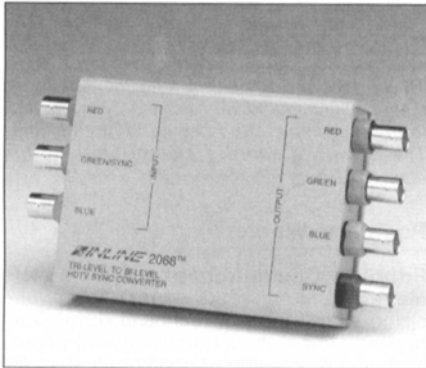


Tektronix 27120 EMC Pre-/Post-Certification Measurement System



R-Columbia Products Wireless IFB/Talent Cue Headphones

Northvale, NJ 07647-2487, (201) 767-1200; Fax: (201) 784-8637. The RP2 H is capable of carrying a payload of 220 lb, making it suitable for even the largest studio cameras fitted with all the options, including teleprompters. The unit incorporates all the features necessary for high-caliber news, current affairs, and magazine program formats. The product offers full remote control of XY position, camera height, pan, tilt, zoom, and focus. **Circle Reader Service No. 205**



IN-LINE HDTV tri-level to bi-level sync converter

An HDTV tri-level to bi-level sync converter was launched by IN-LINE, Inc., 625 S. Palm St., La Habra, CA 96031, (800) 882-7117; Fax: (310) 691-5247. The IN2068 takes the tri-level sync produced by HDTV equipment and converts it to a bi-level sync compatible with most monitors and projectors. The product operates with sync or green or separate composite sync. When sync is on green, the unit removes the sync from the green channel and outputs it on a separate connector.

Circle Reader Service No. 206

A series of portable transmitters and receivers was announced by Nucomm, Inc., 101 Bilby Rd., Bldg. 2, Hackctts-



Nucomm PT-3 and RX-3 Series of transmitters and receivers

town, NJ 07840, (908) 852-3700; Fax: (908) 813-0399. The six-band PT-3 and RX-3 Series, each weighs less than 8 lb for either the transmitter or receiver, and incorporates all of the existing possible frequencies available for ENG in the U.S. or internationally, including offsets. Band and frequency selection are made using rotary front-panel switches. The units have a total of 151 synthesized RF channels in the U.S. bands. Also included are two field-programmable audio subcarriers with off-line mic switches located on the front panel. The audio channels have a built-in tone generator, and the video has an optional built-in video test generator with a programmable ID that can be placed over the video test signal or switched into the vertical interval. **Circle Reader Service No. 207**

A video animation controller/plug-in circuit board that performs precise single-frame recording and frame-grabbing operations from the PC to standard videotape and videodisk recorders was introduced by Lyon Lamb, 4531 Empire Ave., Burbank, CA 91505, (818) 843-4831; Fax: (818) 843-6544. The PC-VAS is supplied with a user-friendly, graphical interface, which allows operators to control all record, grab, search, and recorder functions directly from the computer. Absolute field accuracy is assured by the use of a proprietary Vertical Interval Frame Code. On-board SMPTE time code generator/readers provide full SMPTE support for any video recorder. The unit interfaces automatically to a wide range of VTR formats in both NTSC and PAL standards. All supported recorder interfaces reside in the software so that the user may select or change recorders at any time with no hardware modification. The product is supplied with cables to control a single VTR. An optional expansion box allows the connection and control of two VTRs for rotoscoping as well as recording. **Circle Reader Service No. 208**

Two SC connectors are available from AT&T Network Cable Systems, 505 N. 51st Ave., Phoenix, AZ 85043. The SC Singlemode connector is well suited for cable-to-cable, cable-to-equipment, or equipment-to-equipment connections, including fiber-to-the-home and cable television applications. The SC Multimode connector is used for multimode single-fiber or duplex fiber connections in computer backplane, peripheral interconnections, and device terminations. Both connectors are used in local area and telecommunications networks and equipment interconnections. They may be mounted and tuned in the field. Each uses a zirconia ferrule for fiber alignment and push/pull hardware for

easier connections and high optical stability; these connectors can be used in high-density applications and are not affected by axial cable loads.

Circle Reader Service No. 209



The Dedolight DSET-M4+1

The Dedolight DSET-M4+1 was unveiled by Dedotec USA, Inc., 410 Garibaldi Ave., Lodi, NJ 07644, (201) 777-2771; Fax: (201) 777-5585. The product is equipped with four self-contained Dedolights with built-in transformers. The unit is the company's first kit to include a complete miniature "leko-type" pattern projection system, including projection attachment, gobo holder, iris, and framing shutters. Four four-way barn doors, four of the latest Dedolight stands, four filter holders, accessory case, four 100-W bulbs, and a compact transport case are also provided. Total kit weight is 27 lb. Producing a smooth, powerful beam, cool ambient temperatures, and a 25:1 spot-to-flood focusing range, the product offers flexibility by making it unnecessary for all lights to run from a common transformer or battery source and by including, as basic equipment, all of the necessary elements to transform a Dedolight into an efficient pattern projector.

Circle Reader Service No. 210

A family of integrated circuits is available from Gennum Corp., P.O. Box 489, Stn. A, Burlington, Ont., Canada L7R 3Y3, (416) 632-2996; Fax: (416) 632-2055. The family, dubbed Genlinx, is designed for the interconnection of digital television equipment using the SMPTE 259M serial digital standard for coaxial cable. The products offer a flexible alternative to the all-in-one serial digital components currently available. The modular architecture of the devices makes them suitable for all types of equipment.

Circle Reader Service No. 211