

New Products

Audio Equipment

The **Plateau air sprung isolation platform** from Pyramid Audio dampens vibrations and acoustic feedback generated by a system's internal components. Made from a polymer composite, the Plateau plate is suspended on air springs. Turntables, CD players, and the like are easily positioned on top of the platform to take advantage of the product's broad vibration absorption. The unit, coated in hard-wearing, slip-resistant Nextel finish can withstand a maximum load of 45 pounds.

Summit Audio has announced the **MPC-100A mic pre-amp/comp-limiter**. This single-channel unit features a tube preamplifier section followed by a separate tube compressor limiter section. The MPC-100A offers microphone, Hi-Z (for musical instruments), or line inputs preamplified by the first vacuum tube stage. This signal, in turn, drives a new compressor/limiter section that offers extremely fast attack times, insuring clipping confidence before entering a digital audio system. A switchable, high-quality, front-panel VU meter reads input, output, and gain reduction accurately. The compressor/limiter section features variable threshold and release controls and attack and release preset switches with a dedicated clip indicator. The overall output gain control allows one to set an input sound and optimize that sound for recording without having to reset the entire gain structure.

Character Generators

Leitch, Inc., introduced the **Model MGI-3701**, a serial digital version of its LogoMotion logo generator. The fully operational unit displays static logos of various sizes as well as animated logos in full component digital format. The unit stores up to 99 logos in full-bandwidth uncompressed 4:2:2:4 quality; each is stored with its own full-bandwidth linear key channel for precise linear keying. A built-in digital keyer simplifies installations, freeing up valuable downstream keyers. Using the supplied LogoWin or LogoDos utilities, graphics files can be downloaded to the LogoMotion in seconds and changed anytime. An optional video capture module allows direct capture of both static logos and real-time capture of animated logos from a serial digital source.

Compression Equipment

The **Compressionist 250 DVD video encoding system** from Minerva Systems offers both constant bit rate and variable bit rate MPEG-2 encoding technology combined with Minerva's video pre-processing and control software tools. The system also supports leading third-party AC-3 and MPEG-2 audio encoders and DVD authoring and disc formatting tools. The pre-processing subsystem features noise reduction tools optimized specifically for MPEG compression. The application control software, Minerva Studio, provides an easy-to-use interface for both single-pass and multi-pass MPEG-2 VBR coding.

Film

The Professional Motion Imaging Division of Eastman Kodak Co. announced the **5381 (35 mm) and 7381 (16 mm) Kodak color teleprint films**. These films replace Eastman EXR color LC print film 5385/7385 and are designed specifically for easier, better looking telecine transfers.

Lighting Equipment

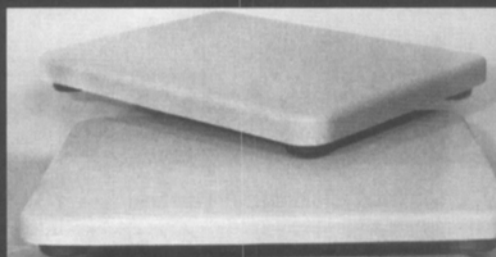
LP Associates has introduced the **1000W single-ended DCI par system**. DCI is a direct current metal halide light source that silently provides flicker-free daylight temperature (5600° K) output. DCI employs many of the advantages of HMI including daylight color temperature, low heat, dimming capability, hot restrike, low energy consumption, and comparable lamplife. The system comes with cable, barn doors, a set of four diffusion lenses, and an ultralight ballast.

Software

Cinema Graphics, Inc., announced its **ShadeTree software**, designed for use with Pixar's RenderMan rendering software, on the Silicon Graphics platform. ShadeTree is an interactive shader language authoring tool that allows nonprogrammers to quickly create and edit shaders for RenderMan. Users begin working with materials, colors, textures, and images, and then mix them with prebuilt macro "boxes" to form a shader. There are more than 100 prebuilt example shaders to get the user up and running quickly. And there are more than 50 regular



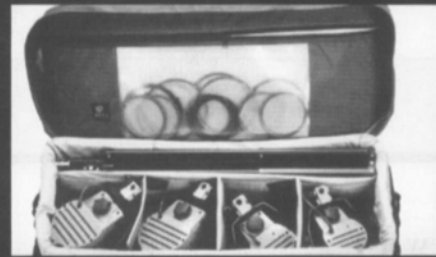
The Plateau air sprung isolation platform from Pyramid Audio.



The 1000W single-ended DCI par system from LP Associates.



The Fluke 54200 TV signal generator from Fluke Corp.



The "Coffin" from KATA.



Philips TV Test Equipment's PM 5680/924 TV modulator.

and random pattern generators to help add fine details to surfaces without having to build complex models. ShadeTree has an open architecture, allowing users to add their own custom macro boxes at any time.

Support Equipment

KATA U.S.A. announced its "Coffin" large multipurpose soft case. On the outside are four quick-access pockets with hook-and-loop closures and one zippered closure. The large, see-through zippered pocket under the lid keeps equipment and accessories organized and visible. A tough Cordura exterior and heavily padded sides stiffened with polypropylene panels safeguard delicate gear. Movable dividers make it easy to customize the interior to accommodate a variety of items.

Test/Measurement Equipment

Fluke Corp. has introduced the 54000 series of video and TV signal generators, which consists of the Fluke 54100 video signal generator and the Fluke 54200 TV signal generator. The instruments have a modular architecture, giving users the flexibility to select the configurations to meet their application requirements. The series features highly accurate, digitally synthesized video and audio signals that are fully compliant with the recommendations of the FCC, EBU, ITU, ELA, and CCIR. The generators include many new test patterns; in total, more than 500 test patterns are available in both 4:3 and 16:9 aspect ratios, including general patterns for calibrating geometry, synchronization, focusing, convergence, bandwidth, interference (e.g. cross color), amplitude response, and clipping. The Fluke 54200 offers a stable RF output and supports group delay pre-correction (group delay filtering). The RF output signal allows voltages of up to 100 mV (-7 dB) with a maximum attenuation of 80 dB.

Philips TV Test Equipment has introduced the PM 5680/924 professional TV IF modulator, designed especially for typical set-maker applications, such as testing and developing TV receivers. It can also be used as a backup instrument in a central distribution system for TV manufacturers. With its switchable low-pass filter, the modulator can be used for NICAM-L and NICAM-D/K systems. It accepts both the video and audio outputs; a sync input is available for use with scrambled video.

The PT 5210 digital sync generator, also from Philips, operates as a master or slave sync generator in traditional analog setups, mixed analog/digital setups, and completely digital setups. Various genlock functions are included as standard, enabling the instrument to operate as a slave generator. The PT 5210 can be genlocked to external continuous wave refer-

ences and can provide up to six SDI-timeable black outputs and one SDI test signal output simultaneously. The SDI black outputs and signal outputs are configured as pairs, and can be timed within the full digital two-field sequence. The SDI black outputs can be configured to include EDH and/or embedded silence. The test signal output can include a selection of different audio test signals and/or EDH.

The VM700T video measurement set from Tektronix, Inc., includes a waveform monitor, vectorscope, picture monitor, automatic graphics measurement display, and audio measurement capabilities in a single box. It automates most standard measurements and provides avenues for remote (modem) or test system (GPIB) applications. A state-of-the-art user interface simplifies operation while a new core processor gives real-time appearance and feel to displays and adjustments. Applications run up to three times faster with a new core processor. Other features include a parallel printer port for easy measurement documentation via COPY button; automated measurements via front panel and user-definable macros, RS-232C (modem and FTP or TELNET), or GPIB option; and fast, easy addition of options via "software keys."

For further information regarding the new products and developments listed in this section, contact the companies directly at the addresses listed below:

Cinema Graphics, Inc., 22516 Lassen St., Chatsworth, CA 91311, tel: (818) 718-6320, fax: (818) 718-6320, e-mail: info@cinegrfx.com, WWW: <http://cinegrfx.com>

Eastman Kodak Co., 343 State St., Rochester, NY 14650, tel: (716) 724-4000

Fluke Corp., P.O. Box 9090, Everett, WA 98206, tel: (206) 356-5500, fax: (206) 356-5116

KATA U.S.A., 2755 Alamo Street, Ste. 103, Simi Valley, CA 93065, tel: (888) 872-5282 (USA-KATA), fax: (805) 520-7342, e-mail: katausa@aol.com

Leitch Inc., 920 Corporate Ln., Chesapeake, VA 23320, tel: (804) 548-2300, fax: (804) 548-4088

LP Associates, 6650 Lexington Ave., Hollywood, CA 90038, tel: (213) 462-4714, fax: (213) 462-7584.

Minerva Systems, Inc., 2933 Bunker Hill Lane, Ste. 202, Santa Clara, CA 95054, tel: (408) 970-1780, fax: (408) 982-9877

Phillips TV Test Equipment A/S, Kornmarksvej 21, DK-2605, Brøndby, Denmark, tel: +45-3288 5911, fax: +45-4343 2390

Pyramid Audio, Unit 2, Cedarhurst Industrial Estate, New Townbreda, N. Ireland, BT8 4RH, tel: +011 44 1232 641870, fax: +011 44 1232 644870

Summit Audio, Inc., P.O. Box 1678, Los Gatos, CA 95031, tel: (408) 464-2448, fax: (408) 464-7659

Tektronix, Inc., 14180 S.W. Karl Braun Drive, P.O. Box 500, Beaverton, OR 97077-0001, tel: (800) 835-9433

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