

New Products

Control Systems

Ballantyne of Omaha, Inc./Strong International has introduced the **CNA-100 and CNA-200 cinema network automation systems**. They are easier to wire at the final installation destination and are very user-friendly. The CNA-100 supports basic automation functions, while the CNA-200 is a menu-driven high-end version providing all the basic functions offered by the CNA-100, as well as backlit graphic readouts and a number of new automation enhancements. The CNA-200 will also work as a status and interactive remote station.

Editing Equipment

Fostex Corp. of America announced its **Fostex DMT 8VL multitrack recording and editing system**. The DMT-8VL offers eight uncompressed digital audio tracks, a full-featured analog mixing console, and the massive storage power of a hard-drive-based architecture. Also included are 18-bit, 128X oversampling

A/D conversion and 20-bit D/A converters. The integrated mixing section incorporates two-band equalization on each of eight channels and two aux sends. Each channel has an input channel select switch, a long-throw 80mm fader for precise level settings, and a stereo in-line monitor section. There are also direct inputs and outputs, and independent monitor outputs.

The **AJ-LT75 DVCPRO Laptop Editor portable digital edit system** from Panasonic Broadcast & Television Systems Co. has the ability to play back both DVCPRO and DV-format videotapes. The all-in-one AJ-LT75 includes two full-featured DVCPRO VTRs, two color 6.5-in. LCD monitors, stereo speakers, and a complete cuts-only editor in a compact, briefcase-sized package. Within the system, each independent VTR can record up to 123 min. Each VTR unit is equipped with its own counter display, cassette slot, and control panel with jog dial. The portable and lightweight laptop

editor will perform assemble, insert, auto assemble, and audio split editing. Each VTR features a built-in SMPTE/EBU time-code generator/reader, facilitating frame-accurate editing.

Lenses/Optics

Fujinon's Broadcast & Communications Products Division introduced the **A15X8 EVM/ERD handheld ENG zoom lens**, which is lightweight and offers Fujinon's proprietary aspheric technology (AT). The lens also has telephoto features to go along with its 15x zoom ratio and a variable zoom grip and selectable zoom speed to create the smoothest possible zoom from 8 to 120 mm. The A1SX8 EVM/ERD has a focal length of 8 mm to 120 mm without extender and 16 mm to 240 mm with its 2x extender. The MOD is 0.75 m, and its F-number is 1.7 from 8 mm to 100 mm and 2.1 at 120 mm.

Signal Processing Equipment

TV/COM International, Inc., introduced the **P2000 Series of professional integrated receiver decoders (IRD)** for the digital cable industry. The entry-level P2020 specifically targets cable television, private/business TV networks, and satellite master antenna television applications. The product provides one video stream and two audio services, as well as single channel per carrier (SCPC) and multiple channels per carrier (MCPC) capability. Other products in the P2000 family will include the P2040 and P2060, targeting the mid and high ends of the market. They will provide standard and optional features such as digital, telephony, and high-speed data interfaces, as well as additional digital video or audio output services.

Software

Sony Electronics has released its **RTS-3000 version 2.0 software for the RTE-3000 family of MPEG-1 encoders**. Encoding is scalable to fit a wide variety of playback platform needs with bit rates ranging from as low as 64 kbits/sec to as high as 7 Mbits/sec. In addition, it provides scalable NTSC and PAL video window sizes of 352 x 240 lines of resolution, 176 x 112, and 84 x 48 with adjustable frame rates of 10, 15, and 30 frames/sec. The RTS-3000 version 2.0 software creates files with low data rates and sizes that are ideal for on-line advertising, training, and the playback of promotional clips, as well as LAN applications such as training and corporate communications.



The AJ-LT75 laptop editing system from Panasonic.



Panasonic's AJ-D-300 camcorder.



Model 279 from Telebyte Technology.

Support Equipment

KATA USA announced the **MOMO soft case**, which performs as both a padded carrying case and a protective on-the-set support. As a case, MOMO securely encloses the monitor for safe and simple transport to the set. Once on location, MOMO becomes a monitor holder with quick access to the screen and rear connectors. An adjustable screen hood shades the monitor, side flaps can be loosened or folded down completely to provide ventilation, and a flip-down leg tilts the monitor at the ideal viewing angle. The case features an adjustable shoulder strap and padded handles, an exterior side pocket for accessories, and a space behind the monitor for storage. It is available in models to fit either 9-in. or 5-in. monitors.

Transmission Equipment

Telebyte Technology, Inc., has introduced the **Model 279 single-mode to multi-mode fiber-optic converter** to provide long distance transmission of fiber-optic signals. The Model 279 provides full duplex conversion for 850-nm multimode signals to 1300-nm single-mode signals. All fiber ports are implemented with ST connectors. The data transfer rate through the Model 279 extends to 2.5 Mbits/sec; however, it can be used in systems that have a frequency response that at times goes to zero, as in a master/slave polling network. The converter is designed for mounting in any position. Power is supplied by a wall-mounted adapter, available for 110 and 220 V.

Video Equipment

Panasonic Broadcast & Television Systems Co. announced the **AJ-D-300 all-digital camcorder**, an integrated digital signal processing camera and D-3 1/2-in. digital composite VTR that features low power consumption, advanced 10-bit digital signal processing, and up to 46 min of high-quality digital recording. The camera section boasts advanced 10-bit digital signal processing and 10-bit quantization. It utilizes three 2/3-in. FIT CCDs to achieve a horizontal resolution of 750 TV lines, minimum illumination of 2 lux, and a high sensitivity of 2,000 lux at f8.0.

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

Ballantyne of Omaha/Strong International, 4350 McKinley St., Omaha, NE 68112, tel: (402) 453-4444, fax: (402) 453-7238

Fostex Corp. of America, 15431 Blackburn Ave., Norwalk, CA 90650, tel: (310) 921-1112, fax: (310) 802-1964, e-mail: info@fostex.com, WWW: <http://www.fostex.com>

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Fujinon, Inc., 10 High Point Dr., Wayne, NJ 07470, tel: (201) 633-5600, fax: (201) 533-5216

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

Panasonic Broadcast & Television Systems Co., One Panasonic Way, Secaucus, NJ 07094, tel: (201) 392-4319, fax: (201) 392-6001

Sony Electronics, Inc., 1 Sony Dr., Park Ridge, NJ 07656, tel: (800) 635-7669

Telebyte Technology, Inc., 270 Pulaski Rd., Greenlawn, NY 11740-1616, tel: (516) 423-3232, fax: (516) 385-8184, e-mail: sales@telebyteusa.com, WWW: <http://telebyteusa.com>

TV/COM International, Inc., 16516 Via Esprillo, San Diego, CA 92127, tel: (619) 451-1500, fax: (619) 451-1505

Errata

January 1997 Journal, pp. 60-61

In the story on SMPTE's 138th Technical Conference in Los Angeles, two of the

captions were reversed. The pictures are reprinted below with the correct captions. We apologize for any confusion this may have caused.



[p. 60] Stan Baron presented certificate to new Fellow John David Walters, Jr.



[p. 61, center] New Fellow Sven Olof Ekholm displaying his certificate.