

New Products

Cables and Connectors

Gepeco International introduced its **5765 extended-distance, low-loss, serial digital video cable**. The RG-6-Type coax provides lower attenuation than traditional precision video cables at current serial digital frequencies. The 5765 has an 18-AWG, bare copper center conductor. The dielectric is constructed of high-density cellular polyethylene, and the shielding consists of a 100% aluminum/polyester tape and a 95% tinned copper braid.

Control Systems

The **Telemetry control panel software (TM-CPS)** from Telemetry, Inc., is designed for use with the company's weatherproof camera robotics system and provides complete remote operations of robotic functions for up to 44 individual units, as well as camera control functions. TM-CPS features a two-axis virtual joystick on its main screen to provide variable speed joystick operation using a standard mouse. The software's main screen is divided into five sections to facilitate ease of operation, including pan/tilt controls, focus/zoom controls, controller functions, camera control, and presets. By employing a touchscreen graphical user interface, TM-CPS provides simple control of all camera robotics and electronic settings, video switching and peripherals. Live camera images and still video preset images can all be viewed on a single PC display.

Encoders and Decoders

The **DP561B Dolby Digital multichannel encoder** from Dolby Laboratories, Inc., was designed for such applications as DVD content generation and broadcast digital TV systems. A CE-compliant design means that program makers in Europe can now use the same multichannel reference encoder as those already using Dolby Digital audio in other parts of the world. The Dolby Model DP561B produces output bit streams that are fully compliant with ATSC standard A/52, the FCC ruling on DTV, and ITU-R Rec. BS1196 specifications. Channel configurations range from single-channel (mono) through 5.1 channel digital surround sound, with bit rates ranging from 56 to 640 kbits/sec.

Lenses/Optics

Century Precision Optics announced its **Value Series family of high-quality, lightweight accessories for detachable zooms** with 75mm or 65mm lens fronts. The series consists of the .6X wide angle adapter, which mounts directly to the front of a video zoom lens; the .8X wide angle con-

verter, designed for shooting situations requiring both a wider angle of view and full zooming capabilities; the Fisheye Adapter, which exaggerates depth by pulling nearby objects closer and causing distant objects to recede into the background; the 2.0X tele-extender, with a shallow depth of field allowing for isolation of a subject from foreground and background; the 1.6X tele-converter to provide greater telephoto reach; and the achromatic diopters, which can be used in situations that require tight focus on a small object on a tabletop and miniature and flat field photography.

Production/Post-Production

miro Computer Products, Inc., introduced the **miroVIDEO DC30 plus video editing solution for PCI-based Windows 95 systems**. The system delivers studio-quality video and on-board, CD-quality audio with data rates up to 7 Mbytes/sec. It also includes real-time video overlay, video editing acceleration, and CCIR 601 support.

The **miroVIDEO DV 100 IEEE 1394 (FireWire) solution for digital video editing**, also from miro Computer Products, includes miroVIDEO StoryTools, a time-saving storyboard-style interface designed to easily find, index, organize, and edit video footage. It also includes Adobe Premiere 4.2 LE for additional digital video editing effects.

miro's **miroVIDEO DRX is an entry-level PCI-based video editing solution** for Windows 95 systems. The plug-and-play system gives users digital video editing capabilities with PCI bus mastering and real-time video overlay. The system delivers data rates of 3 Mbytes/sec and Motion-JPEG compression up to 6:1. miroVIDEO DRX supports video resolutions up to 320 x 480 (NTSC) and 384 x 576 (PAL, SECAM).

Projection Equipment

Digital Projection, Inc., introduced the **POWER 5dv projector**, which is capable of producing extremely bright images in excess of 5000 ANSI lumens. The projector features non-pixelated, film-like images, factory pre-converged light valves, luminance uniformity greater than 90%, and stable color reproduction throughout the lamp-life. It provides optical solutions for demanding large-screen applications in leisure and entertainment, business, education, simulation, command and control, staging, and rental markets.

Signal Processing/Transmission Equipment

The **AD-5N 1:5 balanced audio distribu-**

tion amplifier from Kramer Electronics, Inc., splits a single input source into five identical outputs without any discernible signal degradation. Designed for mono-balanced or stereo-unbalanced signals, the AD-5N can be used for studio and stage applications, public address systems, and audio/video duplications studios. The unit features a full signal swing of up to 18 dBm, an SNR better than 91 dB, and an audio bandwidth of 10 to 80 Hz. It also includes audio level controls for changing balanced and unbalanced audio signal levels, and it can accept a balanced mono or unbalanced stereo microphone input level, amplifying it to a line level signal.

Also from Kramer Electronics is the **TP series of video line transmitters, receivers, and amplifiers**. Used to transmit and receive video signals over any twisted-pair wire, the TP-1 and TP-5 transmitters maintain the bandwidth of an industrial color video signal up to several hundred meters. Also available are the TP-2 and TP-4 video line receivers, which have built-in looping and polarity switches.

The **Studio 64 XTC** from Opcode Systems, Inc., provides accurate synchronization of any analog or digital multitrack machine with both PC- and Mac-based hard-disk recording systems. The XTC has simultaneous Wordclock and Superclock outputs, allowing sample-accurate sync. Real-time audio can be flown back and forth from the hard-disk to the tape machine without losing its original timing. The internal sync clock can write SMPTE as the master reference or it can generate Wordclock and Superclock from incoming SMPTE. The XTC accepts video and black burst signals as reference.

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

Century Precision Optics, 10713 Burbank Blvd., N. Hollywood, CA 91601, tel: (818) 766-3715, fax: (818) 505-9865; Internet: www.centuryoptics.com

Digital Projection, Inc., 55 Chastain Rd., Ste. 115, Kennesaw, GA 30144, tel: (770) 420-1350, fax: (770) 420-1360

Dolby Laboratories, Inc., 100 Potrero Ave., San Francisco, CA 94103, tel: (415) 558-0200, fax: (415) 863-1373, e-mail: info@dolby.com, Internet: www.dolby.com

Gepeco International, Inc., 2225 W. Hubbard, Chicago, IL 60612-1613, tel: (312) 733-9555, fax: (312) 733-6416

Kramer Electronics, Ltd., 350 Main Road, Montville, NJ 07045, tel: (888) 303-5600, e-mail: kramerel@netvision.net.il

Opcode Systems, Inc., 3950 Fabian Way, Ste. 100, Palo Alto, CA 94303, tel: (415) 856-3333, fax: (415) 856-3332

Telemetry, Inc., 6 Leighton Pl., Mahwah, NJ 07430, tel: (201) 848-9818, fax: (201) 848-9819
