

New Products

Amplifier

Videotek has announced the **DDA-104MPEG** distribution amplifier. This unit distributes MPEG-encoded serial digital signals and handles MPEG data rates from 19.39 Mbits/sec to 270 Mbits/sec. Compatible with DVB-ASI signals, the DDA-104MPEG is designed for use in systems that require the distribution of MPEG or DVB-ASI-encoded video data. It features four fully compliant outputs and front panel input equalization indicators.

Camcorder

Panasonic Broadcast & Television Systems Co. has announced the **AJ-D610WA** 16:9/4:3 switchable, 2/3-in. IT 3-CCD camcorder. The AJ-D610WA provides independent producers and local broadcasters the capability to shoot in 4:3 aspect ratio or 16:9 widescreen. It features 66-min record time, 10-bit digital signal processing, a signal-to-noise ratio of 55

dB, and minimum illumination of 0.5 lux. It consumes less than 24 W and weighs 14.5 lbs in ready-to-shoot condition. The camera accepts a wide variety of 2/3-in. lenses.

Decoders

Vela has introduced the **CineCast Quad Pro** four-channel SCSI-based decoder, which provides MPEG-2 4:2:2P@ML playback with serial digital interface video outputs and AES/EBU digital audio outputs. It supports four channels of audio per video channel and includes support for MPEG layer 2 and Dolby digital audio decoding. The decoder also features separate or cascading genlock inputs, LTC time code extraction, and GPI/O on each channel to trigger playback events from external automation controllers.

The **CineView Pro XL** is Vela's latest professional PCI-based MPEG-2 4:2:2/4:2:0 profile decoding product. It supports all forms of MPEG-1 and MPEG-2 decoding, including 4:2:2 profile

streams up to 50 Mbits/sec. The CineView Pro XL also features dual stereo decoding and supports decoding of either MPEG layer 2 audio or stereo Dolby digital (AC-3) audio decoding. It also supports analog composite or SDI video outputs and balanced analog as well as AES/EBU digital audio outputs.

Fiber-Optic Products

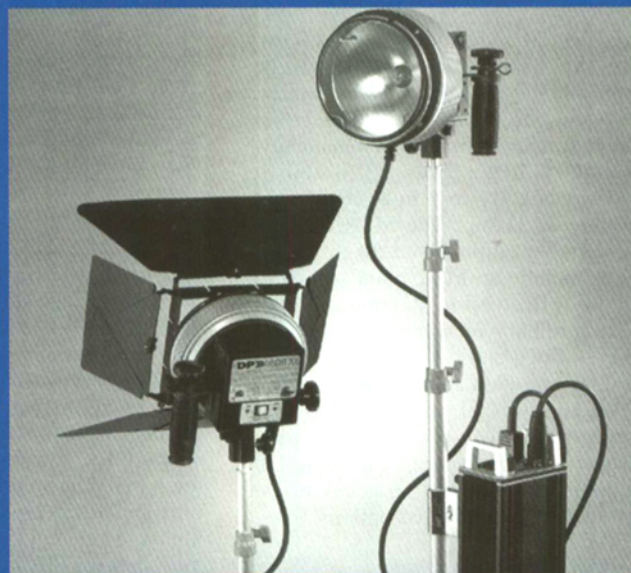
Nemal Electronics International Inc. has introduced a new line of products for use with HDTV SMPTE standard fiber-optic connectors. Part number **FO-PTP/J** is an HDTV pigtail with SMPTE standard connector on one end, and an 18-in. tail terminating in two FC connections and one multipin connector. This product is available in plug or jack versions and different mounting configurations. As part of a complete HDTV camera installation, the pigtail design allows easy installation and maintenance by quickly adapting the hybrid cable to industry standard connectors. The pigtails are also available with



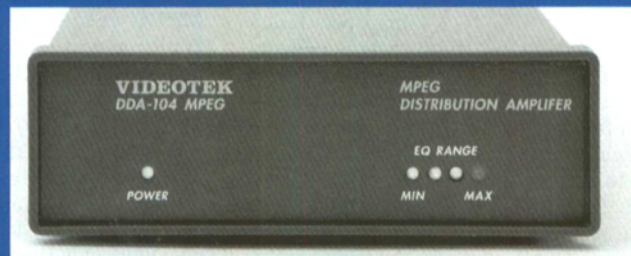
The VTM-400 high-definition monitor from Videotek.



Nemal's fiber-optic patch panel for SMPTE standard connectors.



Three HMI/MSR lights with compact triple output from Lowel-Light.



Videotek's DDA-104MPEG distribution amplifier.

custom lead lengths, and as part of a complete panel.

Part number **F-100RM** is a rack-mountable patch panel for HDTV SMPTE standard fiber-optic connectors. The design provides for proper strain relief and minimizes cable damage due to over stress at the splice point. The panel allows ample space for cable access and initial installation as well as maintenance or replacement.

Lenses

Optex has announced **HDEC mid-range prime lenses** for HDTV 2/3-in. cameras and SDTV systems such as digital Betacam and DVC Pro. The current range comprises a 40mm T3, 50mm T3, 80mm T2.8, 150mm T3, 200mm T2.3, 300mm T3.2, and 120mm T4.5 macro lens. The HDEC prime lenses have low reflecting, acrylic black finish; the iris scale is calibrated in T stops while the focus scale is engraved in both feet and meters. Both iris and focus feature large, highly visible scales and, where possible, are engraved on both sides of the lens. They also feature built-in 0.8 modulus gear rings compatible with studio follow focus rigs, fluid drive units, and motorized control systems.

Lighting System

Lowel-Light Manufacturing Inc. has introduced the new **Lowel DP daylight system**, a family of 3 HMI/MSR fixtures. The system can be used to power either 200, 400, or 575-W fixtures automatically, with input voltages from 90 to 260. It locks conveniently to a light stand by a quick-release clamp. The MSR dimmer has a variable output from 50 to 100%. Features include an MSR point source in parabolic reflector for maximum output and extraordinary focusing range, with a wide even flood and tight even spot; simple, safe, convection cooled operation; hot restrike; lightweight and rugged with a contemporary high-tech design; plus extensive accessory options including DP light control and mounting accessories, and specially designed glass options.

Monitors

Panasonic Broadcast & Television Systems Co. has announced the **AT-H3017W**, a 30-in. 16:9 wide aspect ratio, master-grade high-definition monitor with the capability to display 1080i, 720p, 480p, and 480i images. The AT-H3017W is useful for critical HDTV production applications including colorist work in film-to-tape transfer and quality control applications. The monitor delivers horizontal resolution of greater than 1,000 TV lines due to a temperature-compensated shadow mask CRT with a 0.36mm dot pitch and SMPTE-C phosphors. It features

selectable color temperatures of 6500K/9300K/3200K, and multizone convergence and beam landing user presets.

Videotek has introduced the **VTM-400HD** multiformat high-definition on-screen monitor. The VTM-400HD extends the VTM-300 series features to an HD platform and offers increased resolution and enhanced audio displays. It has on-screen measurement cursors for waveform amplitude and time, vector phase, realtime signal-quality alarms with user-adjustable limits. Features include 720p, 1080i, and 1080p/24sF serial digital input formats; analog, AES/EBU, and embedded audio inputs with analog monitoring; XGA output; aspect ratio 4:3 or 16:9; dual serial digital inputs (1.485 Gbits/sec); A-B parade/overlay inputs and filters; adjustable alarm limits; downloadable on-screen alarm log and GPI trigger.

Projector

Sharp Electronics Corp. has announced the SharpVision **LC-R60H DU CG-Silicon** rear projector. The LC-R60H DU CG produces images ideal for viewing high-definition broadcasts, DVD players, and other digital video sources. It integrates three 2.6-in. wide continuous grain silicon TFT LCD panels that deliver a total resolution of 3.93 million pixels. Each of the three CG Silicon panels (red, green, and blue) contain a 1.31 million pixel count that offers higher resolution, increased brightness, and superior contrast than conventional projection systems.

Routers

Philips Digital Networks has announced the **CleverCast DVB** multicast and unicast router. The product supports an unlimited number of multicast clients in the same satellite footprint and provides high-speed Internet access. It also increases the throughput to users between 200 and 400% compared with all other satellite-based data solutions. The router plugs into any local area network to provide high-speed, round-trip IP unicasting and multicasting, IP multicast routing, and other services.

Videotek has announced the **RS-12 MPEG** encoded video routing switcher. With passive looping inputs, the router will switch MPEG-2 encoded serial digital signals with data rates from 19.4 Mbits/sec to 360 Mbits/sec. It is also compatible with DB-ASI signals and uses the same control protocol as any RS-12 series router. Features include 12 looping data inputs; dual data outputs; front panel pushbuttons with changeable legends; serial communication controls standard; and optional remote control panel.

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Philips Digital Networks, Eindhoven, The Netherlands; tel: +31 40 27 33615; fax: +31 40 27 36300; e-mail: ellen.oerleman@philips.com; website: www.philips.com

Sharp Electronics Corp., Sharp Plaza, Mahwah, NJ 07430; tel: (800) 223-2121; fax: (212) 679-0001; website: www.sharp-usa.com

Vela, OEM Products Division, 5733 Myerlake Circle, Clearwater FL 33760; tel: (727) 507-5300; fax: (727) 507-5311; e-mail: info@vela.com; website: www.vela.com

Videotek, 243 Shoemaker Rd., Pottstown, PA 19464; tel: (610) 327-2292; fax: (610) 327-9295; e-mail: sales@videotek.com; website: www.videotek.com

Obituaries

Sol Cornberg, a Life Member of the Society, has passed away. Cornberg, who was 89 years old, had been a member since 1953.

Peter Neilson, a SMPTE Life Member, died on January 26, 2000 at age 76. Neilson had been a member of the Society for 37 years. He became a Life Member in 1990.

Henry V. Javorsky, a Life Member, has passed away at age 87. Javorsky, a cinematographer for over 66 years, was a member of the Society for 45 years.

Morton Goldsholl, a SMPTE Life Member, has died at age 89. Goldsholl joined the Society in 1955. He became a Life Member in 1989.

John R. Wolber passed away on March 4, 2000. Wolber, who was 82 years old, was a member for 45 years.

Otto A. Rauhut, a long-time member of SMPTE, passed away on December 18, 1999 at age 88. Rauhut had been a member since 1953.