New Products

BNC Connectors

Molex RF/Microwave Connector Division of Molex, Inc., has released **75-ohm right angle BNC connectors** to maximize performance and space for a variety of RF applications. The connectors are designed for applications operating from DC to 2 GHz, including data networking, video, telecommunications, and security systems. The product is available in three profile heights: 0.624 in., 0.500 in,, and only 0.342 in. above the mounting surface. Available with non-tipping board lock or round PCB mounting pins, the lightweight connectors offer a two-lug bayonet coupling system, which provides an easy-to-use quick connect/disconnect.

Digital Synchronizer

Prime Image has announced the **Digital 50 III Time Base Corrector/Video Synchronizer.** Fully digital in processing and operation, it synchronizes digital video, and time-base corrects and synchronizes analog video, transcoding as it goes. The product has three inputs, and the outputs are selectable and active for all inputs, for sending the processed signal wherever it needs to go. Other features include full proc amp control on all inputs, freeze control for either field or a frame, and full-time or selectable color bar generator.

Distribution Amplifiers

Leitch Technologies has launched its NEBS-compliant **Integrator EX series of distribution amplifiers (DAs),** which offer economical, space-saving options for distribution and amplification of analog or digital audio and video signals. The new DAs provide distribution and amplification for up to 16 digital audio/video or analog video signals, with the INT-EX1x2 module

Digital 50 III Time Base Corrector/Video Synchronizer.

featuring two identical outputs per input in an IRU frame, and the INT-EX1x4 module featuring one looping input and four identical outputs per input in a 2RU frame. The EX series DAs reduce used rack space to zero, making them ideal for space-critical environments.

Pan/Tilt Device

A new high-performance digital servo controlled pan/tilt mechanism has been introduced by Telemetrics, Inc. The new **PT-HP-S2** provides more than twice the speed and three times more accuracy than previous models and is designed specifically for today's high-performance ENG and compact CCD cameras with digital drive lenses. Available with either top or side mounting platforms, the PT-HP-S2 incorporates heavy-duty cross roller bearings and precision Swiss DC motors with optical encoders that are isolation mounted for quiet operation.

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Molex, Inc., tel: (630) 969-4550; fax: (630) 969-1352; website: www.molex. com

Prime Image, tel: (408) 867-6519; website: www.primeimageinc.com; e-mail: primeimagein@earthlink.net

Telemetrics, Inc., tel: (845) 358-1801; fax: (845) 358-1899; e-mail: vgaldi@lrgonline.com

Obituary

D. Max Beard, 90, a pioneer in the field of high-speed photography and former Chief of the Photographic Division at the former Naval Ordnance Laboratory (NOL) in Silver Spring, MD, died of heart failure on December 20 in Washington, DC.

Beard came to Washington in 1942 to join the U.S. Navy's Bureau of Ordnance as its first and only official photographer. Beginning without equipment, personnel, or space, he developed a photographic laboratory and procedures that aided the development of aircraft-launched torpedoes, underwater mines, and ocean mine depth charges and fuses. He held patents to early photographic equipment including shoulder-mounted cameras and darkroom equipment. As fast moving weapons systems changed the technology of warfare after WWII, so did the field of photography. New photographic equipment was required to electronically record the performance of weapons and materials. His experience and ingenuity helped in the development of the new instrumentation required for the accurate timing and synchronizing of the various components to record action, all completed within a fraction of a second. His division also developed equipment for data recording including offset printing, lithography, motion pictures, and sound recordings. By his retirement in 1971, NOL had, under his leadership, developed a world-class ordnance research instrumentation facility participating in basic materials and systems research for the underwater and space programs, ballistics and re-entry research, and weapons systems.

Beard was the U.S. representative to the International Congress on High-Speed Photography for ten years. He was a Life Fellow and former Governor of SMPTE and a former President of the Washington Chapter of the Society of Photographic Engineers.