

Stanley Baron Receives 2003 SMPTE Progress Medal

Stanley N. Baron was presented with the 2003 SMPTE Progress Medal at the June 2-5, 2003 engineering committee meetings in Portland, ME. The citation reads: This year's award is presented to Stanley Baron for his outstanding contributions to digital television and to worldwide digital television standards. Stan has well over 30 years of experience in the design and development of digital television systems. His work has been widely recognized by bodies such as the NAB, the David Sarnoff Center and the New York Academy of Science. Mr. Baron served as Chairman of the ATSC and Chairman of ITU-R Task Group 11/3. As a proponent of international cooperation and standardization, he received the 2001 IEEE Charles Proteus Steinmetz Award for his "significant contributions to the development of national and international standards for DTV."

Mr. Baron has been elected a Fellow of the SMPTE, a Fellow of the IEEE, and an Honorary Fellow of the UK Royal Television Society. Previously, he was President of the SMPTE and served two terms as SMPTE Engineering

Vice-President. Now SMPTE awards its Progress Medal in recognition of a lifetime of achievement, and of service to the Society and the industry.—Carlos V. Girod, Jr., P.E.



Stanley N. Baron (c), a past SMPTE President and past Engineering Vice-President receives the 2003 SMPTE Progress Medal from current Engineering Vice-President Peter D. Symes (l) and past Engineering Vice-President William C. Miller (r).

New Products

Converter

Telemetrics has introduced the TM-AUX-CONV S2 auxiliary converter that provides control for various types of audio and video devices, including mixers, switchers, voltage-control amplifiers, and more. The TM-AUX is a special-purpose serial input with control output signals to various system accessories. The standalone unit is powered and controlled through a Telemetrics pan/tilt mechanism. It provides four contact closures selectable in a normally open or closed configuration. In addition, a universal serial input port, lens extender control, and two analog output channels are provided. Six analog input and four discrete channels used for input or output are also available as an option.

Demodulator

Tandberg Television has launched a multichannel 8-VSB demodulator for cable headends. The TT6330 MediaLink is designed to take off-air 8-VSB digital television (DTV) signals and demodulate them into individual ASI streams for remultiplexing and remodulation prior to transport through a cable network. The multichannel capacity of the TT6330 allows cable operators to feed existing off-air transmissions while adding newly established DTV channels to their systems. Up to 13 channels of demodulation can be realized in one 3-RU chassis. When positioned at a central headend or local network hub, the TT6330 accepts transmissions directly from the antenna and demodulates them to an ASI format. Those ASI output signals are then forwarded either to a cable headend multiplexer or directly to a digital cable modulator. The unit also supports PSIP table modification capabilities.



The HA42x9.7 HD lens from Fujinon.



Panasonic's PT-LC76U micro-portable projector.



Tandberg's TT6330 medialink 8 VSB demodulator.

Lenses

Fujinon has introduced the HA42x9.7BERD HDTV ENG-style lens, with a magnification of 42X. The lens has a focal length of 9.7-410mm and 19.4-820mm with a 2x extender. The HA42x9.7BERD zoom includes Fujinon's built-in OS-Tech image stabilization system, which removes any unwanted movement from typically unstable long shots. With an F-stop number that remains at 1:2.0 to 225mm, the lens is ideal in low and changing light conditions. It weighs under 12 lbs, with dimension of 130 x 341.5mm. The HA42x9.7BERD is also available in a 13.5 version, with a focal length range of 13.5-570mm and 27-1140mm with a 2x extender.

Also new from Fujinon, the XA101x8.9BESM features the widest angle of high-magnification sports lens, making it ideal for shooting widescreen 16:9 HD as well as 4:3 standard definition images. Multiple moving zoom groups designed into the XA101x8.9BESM lens minimize coma and field curvature while reducing overall size and weight. The new high-powered zoom lens is designed for 2/3-in. HD CCD cameras and provides focal lengths of 8.9-900mm (1x) and 17.8-1800mm (2x), a 2x extender and an industry leading zoom ratio of 101x. At 252 (h) x 252 (l) x 666 (w) mm in size, the XA101x8.9BESM weighs 50 lbs.

Plasma Display Monitors

The new widescreen TH-42PHD6UY HD and TH-42PWD6UY SD plasma units from Panasonic are equipped with advanced panels featuring multifacet asymmetrical configuration hyper pixels. The TH-42PHD6UY is outfitted with a five-facet grid-cell structure panel that substantially improves the light-emit-

ting balance of the three primary image-creating colors (red, blue, and green), allowing the display to reproduce purer whites, and improving the panel's brightness level by 45%. The 42-in. panels feature a host of innovative, newly-developed, picture-enhancing technologies, including a super-real gamma system, a new real black drive system, a deep black filter, and a contrast automatic tracking system.

Projectors

Panasonic's new PT-LC76U XGA and PT-LC56U S-VGA micro-portable LCD projectors are super-slim at just 2.6 in. high, and weigh only 4.8 lbs. The projectors deliver a high brightness of 1600 ANSI lumens, colorful images in true 1024 x 768 native XGA resolution (PT-LC76U) and 800 x 600 native SVGA resolution (PT-LC56U), excellent contrast ratios (300:1 for the -LC76U and 400:1 for -LC56U), while providing advanced resizing technology to support UXGA (-LC76U) and SXGA (-LC56U) resolution. Both units are HDTV compatible and can automatically resize 1080i and 720p images for 16:9 wide-aspect display; 480p, 480i, and 625i component video signals and S-Video can also be displayed in either 4:3 or 16:9. The units deliver broad compatibility with PAL, PAL-M, PAL-N, SECAM, NTSC, and M-NTSC, and are also sRGB compatible.

Fujinon, tel: (973) 633-5600; website: www.fujinonbroadcast.com

Panasonic, tel: (800) 528-8601; website: www.panasonic.com/advertising

Tandberg, website: www.tandbergtv.com

Telemetrics, tel: (201) 848-9818; website: www.telemetricsinc.com

Errata

The photo to the right was omitted from the pictorial coverage of the 37th Advanced Motion Imaging Conference in Seattle, in the May/June issue of the *Journal*. It is of SMPTE President Gavin Schutz (l), Board of Governor's Rich Carlson (r), and the nary photographed Past-President John Mason (c).

May/June 2003 *Journal*, p. 194: The captions for the Upcaster upconverter from Snell & Wilcox and the VM5000HD automated video measurement set from Tektronix were inadvertently switched. The products are shown below with the correct captions.



The Upcaster upconverter from Snell & Wilcox.



The VM5000HD automated video measurement set from Tektronix.