

# Books, Booklets, Brochures

**Digital Interface Handbook, 2nd ed.**, by Francis Rumsey and John Watkinson sheds light on the differences between such audio interfaces as AES/EBU, SPDIF, SDIF, MADI, and other manufacturer-specific implementations, showing how to make devices "talk to each other" in the digital domain despite their subtle differences. It also includes detailed coverage of all the regularly used digital video interfaces. Updated to include recent advances, the 288-page book now includes a new chapter covering test equipment, embedded audio, EDH, and 16:9 aspect ratio. Published by Focal Press, 313 Washington St., Newton, MA 02158-1626, this book is now available for \$47.95.

**1001 Questions to Ask Before Deciding on a Video Server** is now available from the North American National Broadcasters Association (NANBA),

1500 Bronson Ave., Ottawa, Ont., Canada K1G 3J5. This 67-page paperback, prepared by NANBA's Working Group on Video Servers, was written to assist potential users in obtaining the most appropriate equipment for their facilities, assist manufacturers in designing equipment to meet current and future broadcast needs, and establish common language for describing the features of video servers and related systems. The authors on the handbook are: Andrew Milne, CBC (Working Group chair); Michael Chiarulli, ABC; Craig Cuttner, HBO; Lou Montana, TSN; and Walter Sidas, CBS. The price of the book is \$10.

**Film and Video Lighting Terms and Concepts** explains instruments and accessories such as the C-stand, brute, silver bullet, and bazooka; techniques such as the "right-hand-rule" and the blue-screen

process; and technical concepts such as the inverse square law and light color temperature. In addition, various lighting features and accessories are featured in 70 photographs and illustrations. The author of the 176-page paperback is Richard K. Ferncase, an Associate Professor of Film and Television at Chapman University in southern California. The book is available for \$19.95 from Focal Press, 313 Washington St., Newton, MA 02158-1626.

**The 1995/1996 IESNA Light Source Catalog** is now available from the Illuminating Engineering Society of North America. The 26-page color paperback features a comprehensive listing of IESNA publications, standards, and calculation guides. The catalog is available from the IESNA, 120 Wall St., 17th Fl., New York, NY 10005-4001.

# New Products

## Audio Equipment

**The SX-11 digital audio adapter** from Antex Electronics Corp. supports both ISO/MPEG-1 Layer I/II and Dolby AC-2 compression formats, as well as apt-X encoding. It incorporates both balanced and unbalanced analog and AES/EBU or S/PDIF digital output. The SX-11 driver software included with the board is compatible with Microsoft Windows, Windows NT, and DOS-based PC systems.

## Cables and Cable Accessories

**The VSD2001 serial digital video cable** from GEPCO International has an 18 AWG bare copper center conductor. The dielectric is constructed of high-density cellular polyethylene that provides an 82% velocity of propagation. The shielding consists of a 100% aluminum/polyester tape and a 95% tinned copper braid.

## Lenses/Optics

Fujinon has introduced two new studio lenses: the **Sh20X5.4ESM** for 1/2-in. cameras and the **Ah20X7EMS** for 2/3-in. cameras. Both feature wide angle and fast aperture, as well as the optional focused intelligent network diagnostics (FIND) system. This system provides rapid evalu-



*The Ah20X7EMS studio lens from Fujinon.*

ation of lens electronic and electromechanical components in order to speed lens maintenance and troubleshooting. The Sh20X5.4ESM has a focal length range of 5.4 to 108 mm and maximum aperture of F1.4. The Ah20X7EMS has a 7 to 140 mm focal length range and maximum aperture of F1.4 to 124 mm and F1.6 at 140 mm. Both lenses have a minimum object distance of 0.5 m.

## Lighting and Lamps

Osram Sylvania has introduced the **HMP Lamp**, a metal halide light source intended for use in overhead and video projection equipment. The lamp, designed for use in such new presentation applications as projecting liquid crystal display (LCD) images, has an adjustability that allows light levels to be raised or lowered to opti-

mize projection performance. It also has the energy-saving feature of being able to "idle" by lowering the wattage — and thereby the light level — during times when overheads are not needed to support the presentation. The HMP is available in two wattages: 400 and 575.

**The VIP metal halide lamp** is also new from Osram Sylvania. This lamp is designed to operate in 3-in. liquid crystal display (LCD) video systems and is rated for operation in a range of 150 to 190 W. Features include good color stability and light output over its 2,000-hr-rated life. The lamp is able to burn in any position with attachment to the video projector electrical system by hard-mounted connection posts.

## Monitors

**The 764 digital audio monitor** from Tektronix, Inc., has the ability to compile statistics associated with an audio passage as well as display descriptions of digital information in its channel status decode screen. Because it is compatible with digital audio distributed on XLR twisted pair cable and 75- $\Omega$  coaxial cable, the monitor accepts balanced or unbalanced format signals. Users are able to choose audio level scales and indicators to match house