

The **TH-50PHD3U** high-definition plasma display panel features UXGA resolution of 1366 x 768 and 16:9 aspect ratio. It offers a panel brightness of more than 500 cd/m² and a contrast ratio of over 2000:1. The 50-in. display can produce a palette of 16.77 million colors and 1024 shades of grayscale. It has a horizontal/vertical viewing angle of more than 160°, permitting unrestricted viewing even if the audience is not directly in front of the unit.

LCD Display

Panasonic has announced the **TC-7WMS1** color LCD display. The 7-in. TFT active matrix LCD panel is lightweight and ruggedly built for field applications and offers high resolution, a choice of 16:9 or 4:3 standard aspect ratio, and is NTSC/PAL compatible. It incorporates two selections for video display presets; an automatic dimmer sensor; a built-in loudspeaker; and controls for brightness, black level, contrast, color, and tint. The unit weighs 20 oz and operates on a 12-V DC power supply. It is also mountable on a portable or studio camera as a large-screen viewfinder or for over-the-shoulder monitoring.

Multiplexer

Artel has unveiled the **Cross Stream 155M** multiplexer, enabling cable and telecommunications service providers to transport high-quality video over digital subscriber lines. This product provides access to digital video content over an ATM network from remotely located VoD servers. It supports a variety of transmission technologies, including DVB-ASI, ATM OC-3 UNI, and 10/100 Base T ethernet ports for remote management. The system adheres to all relevant DVB standards and ATM forum specifications, so providers can easily integrate the Cross Stream 155M with other standards-based networking systems.

Projectors

Panasonic Broadcast & Television Systems Co. has introduced the following projectors: The **PT-L759U** portable XGA LCD projector displays a native resolution of 1024 x 768 XGA, with a maximum resolution of 1600 x 1200 UXGA. It features a high contrast ratio of more than 250:1, and a high center-to-corner uniformity ratio of 95%. This projector is DTV-ready with the ability to display 1080i, 720p, 480p, and 480i video and features one-touch auto setup to tune and adjust images for optimal viewing. It is capable of front, rear, desktop, or ceiling mount projection, on screens ranging in size from 20 to 300 in., and can also display NTSC images in the 16:9 aspect ratio. It accepts input of both YPbPr component signals and is equipped with conventional RCA composite connectors to display images from sources ranging from digital video camcorders to DVD players to S-VHS/VHS VCRs.

The **PT-D9600U**, large-venue DLPx-based projector offers SXGA resolution. It utilizes three 1.1-in. digital micromirror device panels to deliver brightness of more than 12,000 ANSI lumens, a greater than 550:1 contrast ratio, workstation (1920 x 1024) compatibility, and a 10-bit digital signal processing for improved picture quality. The unit is fully HDTV compatible with the capability to provide full resolution for all DTV and HDTV formats in 4:3 or 16:9 aspect ratios. It supports most worldwide video standards, including NTSC, M-NTSC, PAL, SECAM, S-Video, and HD.

The **PT-L797 "X"** series of ultra bright XGA projectors includes the **PT-797PXU** (2700 ANSI lumens), **PT-797VXU** (2000 ANSI lumens), and **PT-L797XUL** (2700 ANSI lumens without lens). This series offers Panasonic's BriteOptic dual-lamp system that delivers the power of two high-intensity light sources through a high-precision prism. The projectors display colors and images

in 1024 x 769 true XGA resolution and maximum SXGA (1280 x 1024) resolution, making them workstation compatible with full emulation. The units offer a contrast ratio of more than 200:1, weigh 20 lbs, and are stackable for double brightness.

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Obituaries

Tom Eyring, a SMPTE member, has died at age 48. Eyring worked as a C.T.O at United Video Inc. He joined SMPTE in 1997.

Richard J. Klensch, a member of the Society, died on May 30, 2000, at age 70. Klensch's career with RCA, most recently Sarnoff Corp., spanned 48 years. An expert on modulation and transmission systems, Klensch contributed to the formulation of the ATSC standard. He holds eight U.S. patents and authored a number of technical papers and reports. He had been a member since in 1987.

Jack B. Purcell, a SMPTE member, has passed away at age 79. Purcell joined the Society in 1974.

M. Loring Read, a Life Member, has passed away. Read, who was 82 years old, had been a member of the Society for more than 30 years.