

News

Matsushita to Supply Broadcast Equipment at 2000 Olympic Games

Matsushita Electric Industrial Co., Ltd., Osaka, Japan, signed a contract with the Sydney Organizing Committee for the Olympic Games (SOCOG) to become the official host broadcast equipment supplier for the 27th Summer Olympics to be held in Sydney, Australia in the year 2000.

The contract was signed through the

Sydney Olympic Broadcasting Organization (SOBO), which was established by SOCOG to provide coverage to nearly 200 international and radio broadcasters. As host broadcast equipment supplier, Matsushita will deliver Panasonic digital broadcast cameras and VCRs, professional audio equipment, and television monitors to SOBO. Matsushita and other leading manufacturers will also provide SOBO with broadcast equipment, systems design, installation, and maintenance.

Mashpee Members Aid Car Crash Victims

The Society recognizes the heroic efforts of Mashpee Student Chapter members Steve Purcell, Mike Cook, and Paul Trask. The three, on their way to Boy Scout survival training, were instrumental in the rescue of a man and woman involved in a car crash in Yarmouth, Mass.

New Products

Camera Equipment

Kata USA introduced the **Camera Glove**, a padded 1/8 in. thick jacket designed to shield camcorders from a busy shoot. The glove is constructed of a rugged three layer material developed by the company. The innermost layer draws humidity from the camera surface, while the middle layer is made of closed-cell foam for insulation and protection. Other features include an elasticized opening to accommodate lenses of various diameters, and a window on the side panel permitting cassette replacement.

The **CamPole video camera system** from Innovision Optics, Inc., is designed to extend the camera operator's reach. The system consists of a miniature 3-chip CCD video camera integrated into a watertight housing, manipulated by quiet servo motors, and mounted on a series of interlocking carbon fiber tubes. Systems are available in either a body-mount version called the CamPole SL, or a longer tripod-mount version called the CamPole XL. The tubing mounts together with a bayonet system and can be custom configured to specific shooting situations. The 22-lb SL model extends to 15.5 in., and the 11-lb XL model extends to 22 in.

Filters

Schneider Optics has introduced a series of **mild diffusion filters** that soften a scene without significantly affecting contrast, creating flare, or making subjects look out of focus. The filters create effects comparable to softening filters used in the early days of Hollywood, but with consistency. The softening effects are achieved through a series of evenly-spaced concentric circles right in the glass. A standard set of filters includes

strengths of 1/4, 1/3, 1/2, 1, and 2, each with its own circular pattern. The stronger diffusions contain tighter circular patterns, while the more subtle diffusions have circular patterns further apart. These filters are available for professional television and motion picture cameras in square, rectangular, and round sizes.

Microphones

JBL Professionals has announced the **EON M Series microphones** which include the M100S, M80S, and MS60S.

The M100S features a neodymium magnet system for extremely high output and high SPL handling with minimum distortion. A dual density type diaphragm is used to provide an extended and extremely flat frequency response, which significantly reduces feedback without coloring and acoustic signal. The unit has a frequency range of 60 Hz to 18 KHz and its sensitivity at 1000 Hz is -72 dB (+/-3 dB). At 1000 Hz, the microphone's impedance is 250 ohms.

The JBL M80S also includes a neodymium magnet system and features a frequency range of 70 Hz to 16 KHz. The product's sensitivity at 1000 Hz is -72 dB (+/-3 dB), and its impedance at 1000 Hz is 600 ohms.

The M60S, designed for less critical applications, offers a frequency range of 70 Hz to 15 KHz, a sensitivity of -74 dB at 1000 Hz, and impedance of 500 ohms at 1000 Hz.

Monitor System

The **PS-3 personal studio powered monitoring system** from Fostex Corp. of America is self-contained and consists of a 5 1/4-in. bass reflex sub-woofer and two satellite speakers containing a 3-in. midrange driver and 1-in. tweeter. The

ported bass reflex design of the sub-woofer delivers punchy bass response, and the two-way design of the satellite speakers yields maximum efficiency of the mid-range and high-frequency drivers. Stereo line level signals from a mix feed a 15-W amplifier for the sub-woofer and a high-pass filter feeds two dedicated 5-W amplifiers for the stereo satellite speakers. The speaker system is magnetically shielded for use in proximity to video and computer monitors. Optional accessories for the PS-3 include fixed and swivel mic stand adapters and wall brackets for the satellite speakers.

Multiplexer

The **WDM Model 381 passive, single-mode, wavelength division multiplexer** from Telebyte Technology Inc., provides the ability to mix any two full-duplex signals on a single fiber-optic cable. This product allows combining and separating individual wavelengths. It also allows the data carrying capacity of a fiber pair to be doubled. The multiplexer is completely protocol-and-speed independent and permits both analog and digital applications to be transmitted simultaneously on the same fiber. The Model 381 can merge data, voice, video, or any other electrical signals together on a single fiber. The unit is housed in a small tabletop box and is available with a choice of connectors which include, SST, SC, or FC.

Patchbay

The **DP-8 digital audio patchbay** from Fostex Corp. of America offers six optical I/Os, which can accommodate Alesis Adat and related systems. The patchbay also includes two I/Os (S/P DIF). Inside the DP-8, each input signal is wave reshaped at a sampling frequency up to