

# New Products

## Camcorder

JVC has introduced the JY-HD10U hand-held camcorder with full HD recording capabilities. The first professional unit of its kind, the JY-HD10U conforms to the specifications of the HDV format, the tentative name for a new high-definition digital video recording format. The camcorder and D-VHS systems both utilize open-standard MPEG-2 transport streams, allowing end-users to produce and distribute recordings that are compatible with broadcasting systems while preserving high quality.

## Digital Recorder

The new DGx high-resolution, realtime digital recorder from RGB Spectrum simultaneously records four input signals at up to 1600 x 1200 resolution. DGx records computer, radar, video, sonar, FLIR, and X-ray signals, as well as audio. Even the smallest symbology is preserved. The DGx provides high resolution, synchronized playback of up to four recorded images simultaneously on a single screen. It also offers event/incident marking, random access playback to marked events or any recorded time, and high-capacity digital recording removable media.

## LCD Monitors

Panasonic has announced its new CT-L1400 and CT-L2000 monitors. The CT-L1400 and CT-L2000 offer the environmental advantages provided by space-saving, lightweight LCD technology. Both monitors feature Panasonic-exclusive Adaptive Intensity (AI) technology to boost brightness and deliver deeper blacks for more lifelike images in varying contrast scenes. Nonlinear gamma correction is used to boost gradation in the luminance areas containing the greatest number of picture elements. The result is greater detail, depth, and realism in an image. Both monitors offer specifications of 450cd/m<sup>2</sup> panel brightness, 400:1 contrast ratio and wide 160° horizontal and vertical viewing angles, two composite

and one component video/audio input, plus built-in audio speakers. The CT-L1400 weighs 9.7 lbs and its dimensions are 14.4 in. (w) x 14.3 in. (h) x 2.5 in. (d). The CT-L2000 offers a Hammer Drive sound system to provide an expansive sound field and a deep bass. It weighs 15.9 lbs. with dimension of 19.4 in. (w) x 18.2 in. (h) x 2.8 in. (d).

## Projector

JVC has released the latest Direct Drive Image Light Amplifier (D-ILA) projector, the DLA-SX21S. With the addition of a 1:1 fixed wide-angle lens with 0% offset, the DLA-SX21S has been developed for applications that require short throw, such as mounting into a rear-projection cabinet, or in rear-projection room installations where space behind the screen is limited. In contrast to other projection technologies, the D-ILA projector display technology, used in the SX21, provides flicker-free images, which have the advantage of reducing eye strain over long-term viewing. Projection images are delivered by three high-performance SXGA+ (1400 x 1050) 0.7 in. D-ILA devices (1.5M pixels x 3). The projector weighs 5.5 kg and is highly portable.

## Videotape Recorder

Panasonic has announced the availability of the AJ-HD1700 DVCPRO HD VTR, which can record for up to 126 min in either 1080/60i, 1080/50i, or 720/60p high-definition formats. It has full playback compatibility with all existing 1/4-in. DV-based compression formats. The 4U-size VTR offers eight channels of high-quality, discrete digital audio (with 16-bit quantization and 48-kHz sampling) to fulfill requirements for 5.1 surround sound and SAP or multi-language programming. It also offers continuous variable HD slow motion playback of -1.0 to +2.0 normal speed, extensive front panel editing controls, a numeric key pad, and a high-resolution built-in 3-in. LCD monitor. Maximum shuttle search speed is a 100x normal speed with color images viewable on the LCD monitor.

JVC, tel: (800) 582-5825;  
website: [www.jvc.com/pro](http://www.jvc.com/pro)

Panasonic, tel: (800) 528-8601;  
website: [www.panasonic.com/broadcast](http://www.panasonic.com/broadcast)

RGB Spectrum, tel: (510) 814-7000;  
website: [www.rgb.com](http://www.rgb.com)

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