

New Products



The AG-DVC20 mini DV camcorder from Panasonic.



Panasonic's AJ-HPC2000 camcorder.

Camcorders

Panasonic Broadcast has introduced the AG-DVC20 3-CCD mini-DV camcorder. The AG-DVC20 is equipped with three 460,000-pixel CCDs and has an optical 10x zoom with electric image stabilizer to compensate for jitter and vibration. Other key features include an IEEE 1394 DV interface for PC-based NLE systems, "Color Night View" that permits viewing at a minimum illumination of 0 lux, and a six-language menu. The AG-DVC20 has a standard record time of 83 min (124 minutes in LP mode). Features include an 8-bit digital recording system and 16-bit digital audio system (48-kHz/16-bit, 2-channel recording); cinema (Letter box), tele-macro, and soft skin shooting modes; five program AE settings (sports, portrait, spotlight, surf and snow, and low light) that optimize shutter speed; 14 shutter speeds (from 1/60 to 1/8,000 sec); digital gain selection (0 to +18dB); 2.5-in. color LCD monitor; 1/3 in. color electronic viewfinder; composite video, S-video and audio outs, mic; auto/manual focus and iris; auto tracking white balance and white balance selection (indoor, outdoor, set).

The new AJ-HPC2000 camcorder, also from Panasonic, is equipped with three HD resolution 2/3 in. CCDs and 14-bit A/D processing offering exceptional dynamic range and low light recording in 720p, 1080i HD or 480i formats. The 2/3 in. CCD imager allows the use of widely-available professional quality lenses and accessories. The camcorder offers high sensitivity, F10 at 2000 lux, and can capture images at a minimum illumination of 0.032 lux (at +62dB). It features five P2 card slots for enhanced on-board recording capacity. Each P2 card is hot-swappable and can be plugged directly into a laptop PC or P2 portable recorder. An additional card slot is provided for optional accessories such as a Proxy Video Encoder. An SD card slot is also included for recording and replicating setup information useful in multi-camera productions. The AJ-HPC2000 also includes pre-record. Other key features include a color LCD monitor (with GUI menu control).

Color Management System

Arri has introduced the Arri Color Management System (CMS). When working with linear data, the CMS is a software option in the Arrilaser image processing that adjusts the image data while recording. Arri offers preview Lookup Tables (LUTs) for the CMS with the possibility for a customization service on the user-specific environment. Working with logarithmic data coming from the Arriscan requires a 3-D LUT in order to view the data directly in a digital grading suite. With the customization service, those LUTs can be adjusted to the specific customer workflow, taking into account special settings for the Arrilaser recording as well as lab and projection.

Data Tape System

Quantum's SDLT 600A is the first data tape system enhanced for professional video, featuring a tape-based file system and network-attached storage that is MXF-aware to provide the ideal data tape solution for today's file-based workflows. Each tape carries its own file system directory, allowing direct drag-and-drop access by applications on the network without the need for other software. With built-in Gigabit Ethernet capability, the SDLT 600A is network-attached, permitting direct access by every workstation and server on any network. Being MXF-aware enables video tape-like access to subclips by timecode, fast access to metadata stored on the tape and an unprecedented level of interoperability between applications and environments.



Quantum's SDLT 600A professional video drive.

Projector

JVC has announced the DLA-HD10K projector. It offers native 1920 x 1080 resolution and utilizes "nonmoving" mirror reflective technology to produce smooth, high-resolution images. In addition, the high-resolution lenses have motorized zoom and focus with a 0 to 60% vertical offset. The projector is available in two models to accommodate the wide variety of theater sizes. A long throw with a lens throw distance of 2 to 3.8:1, which accommodates placement of the projector at the back of the theater. When shown on a 10-ft screen, the projector could be placed anywhere from 20 to 38 ft from the screen. A short throw model that has a lens throw distance of 1.5 to 2.0:1, which enables the projector to be used for CRT replacement or even rear screen applications. The projector's optical engine design delivers a 2500:1 high contrast ratio. The case has been designed to have no stray light leakage to eliminate any distraction from the viewing experience. Its advanced airflow design provides optimum cooling and allows for quiet operation at 27 db noise level.

Arri, www.arri.com

JVC, pro.jvc.com

Panasonic, www.panasonic.com

Quantum, www.quantum.com

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