

### Audio System

AMS Neve launched the new Logic 3SC 5.1 **audio post system**. Logic 3SC is a fully networkable post workstation offering high-speed editing and mixing. ESP menu-free mixing provides all the channels, outputs, and automation needed to deliver complex mixes quickly and efficiently. To turbo charge editing the latest editorial tools have been added, including the new DSP ToolBox, a range of advanced DSP plug-ins.

### Character Generator

The **Motto-HD character generator** from Aston Electronic Designs meets all major 1080-line standards. A dedicated high-definition GC, it is designed to help American broadcasters meet FCC HD transmission deadlines. Housed in a 2U-rackmount mainframe, it has a full-color 32-bit display, 256 levels of anti-aliasing, and a custom-designed keyboard for speedy access to common functions used to carry out straightforward quick edits and additions to captions. Multiple layers simplify the creation of complex graphics, with logos, text, graphic shapes and stills. The device can be supplied in a variety of language and character versions, including Arabic, Cyrillic, Chinese, and Hebrew and is suited for integration into automation systems, OB trucks, and HD suites.

### Encoder

National Semiconductor Corp. announced the CLC030, a **serial digital video (SDV) encoder** that serializes parallel data stream at rates compatible with SMPTE 259M (standard definition) and SMPTE 292M (high definition) digital video signals. The CLC030 provides manufacturers of professional video equipment a solution that, at 500 mW, offers low power dissipation resulting in greater reliability and longer battery life in battery-powered applications.

### Monitors

Hitachi Denshi America Ltd.'s Broadcast & Professional Group announced the **CMP307 37-in. and**

**the 42-in. CMP4120 HDU plasma display monitors**. With resolution of 1024 x 768 and a 4:3 aspect ratio, the CMP307 PDP, at 2.5 times more than a standard VGA display, produces sharper images, brighter colors, and overall enhanced image display. The unit is 99.7 mm deep, weighs approximately 29.5 kg and offers a wide viewing angle of 160 degrees, both vertically and horizontally.

The CMP4120 HDU features 1024 x 1024 resolution, built-in image retention reduction, built-in maintenance tools, a low acoustic noise level, FCC-B approval for home use, and a universal power supply.

### Optical Stabilized Technology Adaptor Zoom



Fujinon introduced an **anti-vibration device** that prevents the subtle image shaking caused by wind or an unstable platform when shooting with high-magnification zoom lenses. The OS-TECH optical stabilized technology adaptor was designed for broadcast EFP and HD high-magnification zooms such as Fujinon's Ah55x, Ah60x, Ah66x, Ah70x, Ah80x, HA66x, and the new XA87x and XA72x series of lenses. When attached between the camera and lens, the device significantly enhances telephoto image quality and eliminates unwanted vibration. OS-TECH is available as an optional internal image stabilizer in the XA87x HDTV zoom lenses. When attached, the adaptor gives the added benefit of increasing the focal length of the lens by 25 percent. The anti-vibration function can be activated from the control setting switch near the operator's hand.



### Standards Converters

**Mach 1** from Snell & Wilcox provides multiformat standards conversion using a new motion compensation technology, M.Sc. Mach 1 offers high-quality motion compensation in an affordable 1-RU box, which makes on-site motion compensated standards conversion possible for mobile applications such as outside broadcasts, sports, and ENG. Input and output formats are 10-bit serial digital and composite video, with dual AES digital audio inputs and outputs. An ergonomically designed front panel allows rapid access to key functions, with an LCD display providing information on signal parameters.

Snell & Wilcox has introduced the **HD5500 Ph.C upconverter** designed to provide seamless conversion between standard television and high-definition signals for the professional user. The HD5500 was designed at the request of Japanese and European public and private broadcasters to allow for seamless insertion of standard-definition programming from different continents, where the picture rate may be different. Typical applications include major international sporting events and valuable, culturally significant archives. The 10-bit, motion-compensated device up-converts 525/625 standard-definition video signals to HDTV 1.48 Gbit/sec output formats, utilizing "Ph.C," proprietary technology for motion compensation.

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