

# New Products

## Audio Analyzer

Neutrik USA has announced the launch of the **minilyzer palm-sized analyzer**. The minilyzer continuously measures audio levels as RMS or peak levels, absolute or relative to a definable reference with selectable units. The accurate frequency measurement, with high resolution of 100 ppm gives additional functions and acts as the base for distortion measurement. Distortion is measured as THD+N, automatically rejecting the fundamental frequency and calculating the THD+N value in dB or percent. A set of audio weighting filters can be activated in all measurement functions. A balance indicator continuously monitors and displays the quality of the signal balance, giving immediate detection of defective or wrongly wired cables.

## Decoder

Sharp Electronics Corp. has introduced SharpVision's **TU-DTV1000 decoder**. The TU-DTV1000 is capable of receiving and converting all 18 ATSC DTV video formats to 480i, 480p, and the high-quality 1080i HDTV format enables consumers to easily migrate from NTSC to the DTV experience, which offers movie-theater-quality video and audio. Equipped with unique features, the TU-DTV1000 decoder is specifically designed to endure changes to DTV programming and technology as standards evolve. The TU-DTV1000 is also equipped with a colorful, easy-to-use digital television program guide to provide viewers with the most up-to-date and comprehensive listing of DTV programs available. Other features include built-in AC-3 audio coding, RGB and component video outputs for connection with SharpVision LCD front projectors and Sharp's KK series televisions, as well as S-video and composite outputs for connection with VCRs and standard-resolution television sets and projectors.

## Film Cleaning System

RTI Lipsner-Smith Co. has introduced the **CF-8200 professional motion picture film cleaning system**. The system uses 3M's environmentally safe HFE hydrofluorocarbon solvent to provide highly cost-effective cleaning results up to double the speed of traditional film cleaners. For telecine applications, the CF-8200 is a safe and effective way to clean original films. Physical contact is minimized by

immersing the film in a bath solvent and ultrasonically removing dirt and other contamination. The CF-8200 also gives the operator the option of "no contact" cleaning, on which only the film image makes contact with solvent and air. The CF-8200 has a digital electronic control center with display of film footage, pressure and temperature, and all modes and functions. The system is available for 8mm to 70mm film sizes and up to 6000-ft reel lengths.

## Projectors

Panasonic has introduced the **PT-D9500U DLP projector** with true XGA (1024x786) resolution. The PT-D9500U utilizes three 0.9-in. DLP panels to deliver brightness of more than 9000 ANSI lumens, a greater than 450:1 contrast ratio, and workstation compatibility. The projector is also fully HDTV compatible, with the capability to provide full resolution for all DTV and HDTV formats in 4x3 or 16x9 aspect ratios. It can project an image from 100 in. to 600 in. in 4x3 and from 100 in. to 550 in. in 16x9, using the optional lens. With its "Advanced Expansion" circuitry, the PT-D9500U can auto-scan from PAL/NTSC to S-XGA level frequencies as a full-screen image without the jagged lines of conventional projectors. The projector is capable of displaying 480i, 480p, 720p (HDTV) and 1080i (HDTV) images, and can automatically synchronize and display 16x9 aspect-ratio images.

Hughes JVC has expanded its D-ILA product line with the addition of three new projectors. The **G1500** delivers high brightness and superb picture quality on screens up to 35 ft wide. The use of a polarization combiner and redesigned integrator optics, as well as a new short-arc 420-W xenon lamp, provides the G1500 with brightness of 1500 ANSI lumens and contrast ratio greater than 350:1. It is also available with a zoom lens or a special fixed local length lens with vertically adjustable offset, allowing the flexibility to change the orientation of the projector to the screen to suit a wider range of applications. The **G2000** offers 2000 ANSI lumens of light output, contrast ratio greater than 350:1, video resolution of 1000 television lines, and graphics resolution of 1365x1024. The **G4000**, the first super-bright industrial grad D-ILA projector, features an extremely powerful light engine. Its newly developed

1600-W xenon arc lamp features a specifically designed compound reflector, resulting in 4000 ANSI lumens of brightness on screens up to 40 ft wide.

Sharp Electronics Corp. has introduced the new **64LPH5000 rear-projection HDTV set**. SharpVision's 64-in. diagonal widescreen rear projector is equipped with multiple tuners, including an ATSC decoder. Dual NTSC tuners enable broadcast or cable reception and provides picture-outside-picture (POP) and multiple viewing capabilities. The 1080i high-definition display receives and displays high-quality HDTV broadcast resolution, offering a true 1080i picture. The 64LPH5000 is equipped with a digital expansion port, which enables consumers to upgrade as services and applications become available. The **XV-ZW99** DTV LCD front projector, also from Sharp, has a 16:9 aspect ratio for widescreen, cinema-like viewing, a DTV standard. It features a long-life metal halide light source, serving to enhance image quality, brightness, reliability, and color accuracy. The XV-ZW99 is also equipped with a digital gamma correction, which allows viewers to enjoy a richer range of color depth, even in brightly-lit rooms.

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For further information regarding the new products and developments listed in this section, contact the companies directly at the address listed below

**Hughes-JVC Technology**, 2310 Camino Vida Roble, Carlsbad, CA 92009; tel: (760) 929-5300; fax: (760) 929-5410/5708; website: [www.hjt.com](http://www.hjt.com)

**Neutrik USA**, 195 Lehigh Ave., Lakewood, NJ 08701; tel: (732) 901-9488; fax: (732) 901-9608; e-mail: [NEUTRIKUSA@aol.com](mailto:NEUTRIKUSA@aol.com); website: [www.neutrikusa.com](http://www.neutrikusa.com)

**Panasonic Broadcast & Television Systems Co.**, 3330 Cahuenga Blvd., W., Los Angeles, CA 90068; tel: (800) 528-8601; website: [www.panasonic.com/presentations](http://www.panasonic.com/presentations)

**RTI Lipsner-Smith Co.**, 4700 Chase, Lincolnwood, IL 60712; tel: (847) 677-3000; fax: (847) 677-1311; e-mail: [sales@lipsner.com](mailto:sales@lipsner.com); website: [www.lipsner.com](http://www.lipsner.com)

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