

New Products

The following companies introduced new products at NAB 2002, held on April 6-11, 2002, in Las Vegas, NV.

Panasonic Broadcast & Television Systems Co.

Camcorder

PBTS announced the AG-DVX100 mini-DV camcorder, capable of recording and capturing cinema-style, 24-frame progressive scanned images.

The palm-size AG-DVX100 is equipped with three, newly-developed 1/3-in. progressive scan CCDs that allow it to capture high-sensitivity images in both standard 60-field/sec NTSC (interlace scan) and 24-frame/sec progressive scan, (24p). The ultra-compact AG-DVX100 integrates with existing IEEE-1394-based non-linear editing platforms, delivers outstanding digital picture quality with low smear and flare, and offers a high sensitivity of F11 at 2000 lux.

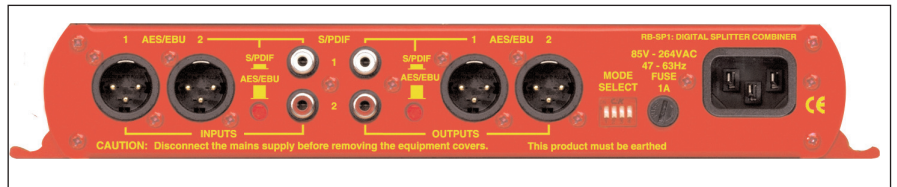
Studio VTR

The new DVCPRO HD-LP studio VTR capable of long record times in 1080 interlace or 720 progressive high-definition formats. The new AJ-HD1600 VTR records for up to 124 minutes on a single cassette, and can play back all DV-based cassettes. Backwards compatibility to standard definition, DVCPRO HD delivers high performance acquisition, recording, and server solutions.

DTV Camera System

A versatile, multiformat DTV camera system, the AK-HC931 studio camera supports variable frame rate capture, offers 480 interlace performance, and is easily upgradeable to 720 line progressive, 1080 line interlace, and 24-frame/sec over 60 frame/sec progressive acquisition.

Weighing less than 10 lbs, the AK-HC931 features a built-in signal for-



Independent Audio's Redbox (rear view).

mat converter that converts the high-definition 720p signal to a 480i standard-definition output. With optional output signal processing boards, the AK-HC931 is easily upgradeable to 720p or 1080i broadcast output formats, providing an economical path for broadcasters investing in a scheduled DTV conversion.

Fujinon

Lenses

Fujinon introduced a new professional-grade, wide-angle ENG lens for high-end production and showcased its widely used HDTV Cine-Style prime and zoom lens series. The new A13x6.3E and A13x6.3 lenses feature wide focal length (6.3mm) and high magnification of 13x (82mm focal length at telephoto end and 164mm with a 2x extender). Both are designed for 2/3-in. cameras.

Fujinon also introduced S13X4.5E and S13X4.5 lenses designed for 1/2-in. cameras. The new lenses provide comparable specifications as standard lenses and a wide range of shooting applications from wide angle to telephoto with a single lens. The inner focus mechanism commonly found in Fujinon's broadcast lens products has been incorporated to make the lens compact and lightweight, providing excellent mobility and ease of operation.

Independent Audio

Analog and Digital Audio Interfaces

Independent Audio introduced three new Sonifex Redboxes, a range of analog and digital audio interfaces. The RB-SD1, Silence Detect Unit, monitors unattended stereo studio feeds; the RB-SP1, Digital Splitter and Combiner, interfaces various double sampling pieces of equipment and can either



"Baby" Rifa 44 from Lowel-light.

combine the signals from two XLRs into one, or split the signal from one XLR into two; and the RB-UL1 single stereo unit interfaces domestic unbalanced equipment, such as a CD player, to professional balanced line levels.

Lowel-light Manufacturing

Rifa-lite 44

New to the Rifa-lite family is "Baby" Rifa 44, an ultra-compact, self-contained 250-W collapsible softlight. The product uses a wide range of lamps, from 50 to 300 W. A quick-change power cord easily converts for use with professional battery belts, allowing it to work at 12, 14, and 30 V, in addition to 120 and 230 V. A unique umbrella-like design allows set-up in 60 sec or less.

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