

# New Products

## Cameras and Equipment

The **HV-D15 three-CCD color camera** from Hitachi features a single-chip digital VLSI which provides both video processing and encoding and can be remotely controlled from a PC. The camera can handle many applications such as broadcasting, teleconferencing, remote observation, medical, and microscopy. With three 1/2-in., 410,000-pixel NTSC (470,000-pixels PAL) CCDs and double-sampled Y channel digital processing, the HV-D15 provides 800 TV lines of resolution. The camera's microprocessor controls auto gain, auto electronic shutter, and auto lens iris to control the video level even in applications with extreme light level fluctuation. Additionally, an auto tracking white circuit maintains proper color balance with changing light levels.

DSC Laboratories has introduced the **Combi 1W and 2W OSG test targets** for use with 16:9 and 4:3 format cameras in engineering maintenance and studio/production. The Combi targets combine multiple test elements on two shatterproof, CCD transparencies. The 1W features EIA greyscales, vector colors calibrated to SMPTE/EBU colorimetry, flesh, and opaque patches. The 2W features multi-bursts, resolution wedges, zone plates, linear ramp, back focus, and streak test. These targets can be used with other manufacturers' lightboxes or spheres.

## Lighting

The portable Lowel dimmer from Lowel-Light Manufacturing, Inc., is available in two models, the **LD-10 and LD-20**. Product features include four storable variable light level settings; storable, variable rate, and intensity flicker function for

special effects; an optional wireless remote that can control up to ten dimmer units; and a DMX lighting control protocol (Model LD-20 only).

## Monitor

The **JBL LSR 12P studio monitor** provides unique multipoint capability and can be set up with an auto patching mode which selects between sub frequencies derived from the LCR array or discrete source with switch closure or GPI. In addition to its high degree of operational flexibility, the monitor offers high levels of clarity, articulation, and transient response allowing it to function in every application environment. In the LSR 12P's design, lightweight neodymium transducer technology is combined with JBL's linear dynamic aperture design, which reinforces the low frequency response for a well-defined bass. Flared inner and outer sections reduce port compression and air noise, optimizing the low power compression design of the DD woofer.

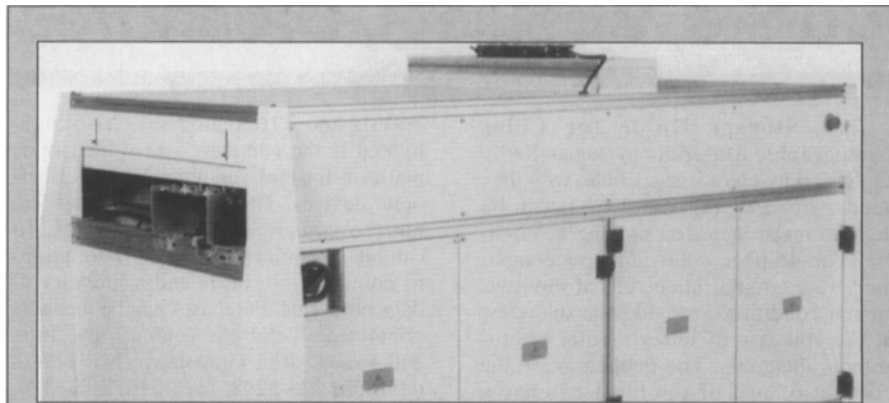
## Oscilloscopes

LeCroy has introduced a **series of oscilloscopes**, the LA314 (400 MHz bandwidth),

the LA314H (470 MHz), and LA354 (500 MHz). The benefits of the products include a fast screen update rate; easier viewing of modulation effects; and the visualization of relative frequency content in mixed and overlaid signals. Applications include data recording for finding servo anomalies, glitches, and intermittent phenomena in disk drive heads; eye patterns in DVD measurements; and constellation diagrams. The products also have two built-in power supplies for FET probes and can store/recall up to 256 panel setups.

## Projector

Elmo Mfg. Corp. has introduced the **XGA LCD Projector, Model EDP-5100**. The projector uses a 120-W UHP lamp and produces 650 ANSI lumens. Using an advanced 1.3-in. polysilicon TFT active matrix, the EDP-5100 can be powered by AC 100-120 V or 220-240 V 50/60 Hz. The F2.5-3.0 50-70mm manual focus zoom lens has a projection capability of 22 to 300 diagonal in. picture size and a throw distance of 3.6 to 39 ft. The projector also has a built-in speaker with seven input and output jacks for audio, video, and RGB plus an RS-232C control terminal.



The SCS Model-4360 UV cure oven from Specialty Coating Systems.



Elmo Mfg. Corp's XGA LCD projector.



Model 85098 keyboard shelves from Winstead Corp.

## Support Equipment

The **Koala Mixer Case and Panda Sound Audio Packs** from KATA are designed to organize essential sound equipment while keeping it close at hand.

The Koala features a main pocket which houses the mixer/DAT and connectors. An expandable sleeve allows the operator to select the desired cable length. The front pocket provides room for wireless microphones and a zippered compartment holds batteries, spare cables, and a videocassette.

The Panda Sound Organizer Pack is designed to arrange and store all the audio equipment needed for on-the-move sound work. The product is divided into top and bottom sections. The top compartment holds a fully-loaded Koala, and the bottom can be used for accessories.

Winstead Corp. has released the **Model 85098 Keyboard shelves** designed to fit 22-5/8 in. to 30 in. deep sloping of vertical racks. These shelves hold any standard size keyboard up to 21 in. wide and swivels allowing the product to slide back into the rack and out of the way when not in use. A platform for a mouse pad is also provided.

Specialty Coating Systems has announced the availability of the **SCS Model-4380 UV cure oven**. This conveyorized system is designed for curing UV conformal coating on printed circuit boards and electronic assemblies. The product can also be used to cure legend inks, solder masks, and other UV curable materials.

UV energy is supplied by a 300 W/in., full-spectrum mercury lamp, adjustable to 125, 200, or 300 W/in. The lamp covers a 24-in. cure zone width at a surface intensity of 118 W/cm. An optional second UV lamp can be specified to effectively double system throughput. This UV cure system also has a pin chain conveyor to transport circuit boards from 2 in. wide up to 24 in. wide through the cure zone.

## Transmission System

Communications Specialties, Inc., has introduced the **Fibervision serial digital video transmission system**. This system equalizes the SDI input and provides two reclocked SDI outputs at the receiver, in accordance with SMPTE 259M, 293M, and other similar digital video standards, with speeds able to exceed 360 Mbits/sec. The product, consisting of a transmitter and receiver, is designed for use with multimode optical fiber. It supports distances up to 2 km with no signal degradation. The built-in regulators are adjustment free and allow both the transmitter and receiver to operate from low-voltage, unregulated DC power sources, providing unparalleled versatility.

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

**Communications Specialties, Inc.**, 89K Cabot Ct., Hauppauge, NY 11788, tel: (516) 273-0404, fax: (516) 273-1638, Internet: <http://www.commspecial.com>

**DSC Laboratories**, 3565 Nashua Dr., Mississauga, Ont., Canada L4V 1R1, tel: (905) 673-3211, fax: (905) 673-0929, e-mail: [dsc@dsclabs.com](mailto:dsc@dsclabs.com), Internet: <http://www.dsclabs.com>

**Elmo Mfg. Ltd.**, 70 New Hyde Pk. Rd., New Hyde Pk., NY 11040, tel: (516) 775-3200, fax: (516) 775-3297

**Hitachi Denshi America, Ltd.**, 150 Crossways Park Dr., Woodbury, NY 11797, tel: (516) 921-7200, fax: (516) 496-3718

**JBL Professional**, 8500 Balboa Blvd., Northridge, CA 91329, tel: (818) 894-8850, fax: (818) 830-7802

**KATA**, P.O. Box 10142, Burbank, CA 91505, tel: (818) 841-7297, fax: (818) 841-7299, e-mail: [katecase@aol.com](mailto:katecase@aol.com)

**LeCroy**, 700 Chestnut Ridge Rd., Chestnut Ridge, NY 10977-6499, tel: (914) 425-2000, e-mail: [contact.corp@lecroy.com](mailto:contact.corp@lecroy.com), Internet: <http://www.lecroy.com>

**Lowel-Light Manufacturing, Inc.**, 140 58 St., Brooklyn, NY 11220, tel: (718) 921-0600, fax: (718) 921-0303

**Specialty Coating Systems**, 5707 W. Minnesota St., Indianapolis, IN 46241, tel: (800) 356-8260, fax: (317) 240-2073

**Winstead Corp.**, 10901 Hampshire Ave. South, Minneapolis, MN 55438-2385, tel: (612) 944-9050, fax: (612) 944-1546, e-mail: [racks@winstead.com](mailto:racks@winstead.com), Internet: <http://www.winstead.com>

## Standards For Motion Picture Production and Presentation

**SMPTE Standards Publication**



Contains 21 Standards and Recommended Practices covering 16mm and 35mm apertures, physical film dimensions, audio records, time and control code, telecine scanning areas and projection parameters. If purchased individually these documents would sell for over \$200. **The book is available to SMPTE members for \$30 and the nonmember price is \$45.**

**For Easy Ordering...**The Society can now be accessed via the Internet, with an order form that allows you to e-mail your order directly to Headquarters. SMPTE's site on the World Wide Web is located at <http://www.smpte.org/>

### SMPTE Books, 595 W. Hartsdale Ave., White Plains, NY 10607

Please send me \_\_\_\_\_ copies of **SMPTE Standards for Motion Picture Production and Presentation** at the price of **\$30 each for SMPTE members (\$45 for nonmembers)** plus postage and handling.\*

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