

New Products



Panasonic's enhanced VariCam with CineGamma functionality

Cinema Camera and Kit

Panasonic Broadcast & Television Systems Co. has announced that its AJ-HDC27 VariCam HD Cinema Camera has been enhanced with additional frame rates and new CineGamma capabilities. The company also announced the availability of an optional kit to retrofit existing AJ-HDC27 VariCams with this capability.

VariCam allows digital cinematographers to capture film-style 24-frame high-definition (HD) progressive scanned images and the unique capability of a wider range of variable frame rates (from 4 to 60 frames/sec in single-frame increments) allowing "overcrank" and "undercrank" techniques in the camera to achieve fast or slow-motion effects. New CineGamma extended dynamic range software permits the HD cinema camera to more closely match the dynamic range of film stocks.

The CineGamma feature greatly extends the camera's usable dynamic range (to 600:1), especially in traditionally limited areas such as highlight handling. Cinematographers using the AJ-



Panasonic AG-MX70 8-input digital A/V mixer

HDC27 are now able to control the camera's gamma transfer function to best optimize control over tonality, from extreme highlights to the lowest of shadow areas. Precision adjustments can be made to the dynamic level for high light zones; to the black level, black stretch, and press in dark zones and in master gamma for adjusting total balance.

A/V Mixer

Panasonic Broadcast & Broadcast Systems Co. announced the availability of the AG-MX70, a compact, integrated unit with a built-in 2-bus, 8-input video switcher, multifunctional digital video effects device, and a versatile audio mixer. This advanced A/V mixer, provides broadcast-quality 4:2:2:4 digital component picture quality and Dynamic Rounding technology to assure beautiful gradient transitions, super smooth edges, and extremely clean video processing. It can create more than 600 2-D effects patterns, including transitions, key patterns, melts, mosaic, paint, trail, and multi-images.

Designed for live camera production with genlockable cameras, the AG-MX70 has tally outputs for up to eight cameras and two-channel frame synchronization, permitting special effects in each of the A/B program busses. It offers standard RS-422A and RS-232C remote control terminals and a GPI terminal to permit the AG-MX70 to team with video editing devices.

Stereoscopic Software Package

StereoGraphics Corp. announced the immediate availability of Parallax Player, the new software package for viewing stereoscopic images and videos. The product supports most common stereo file formats and display modes

and allows users to convert formats in realtime and use any available stereoscopic display mode.

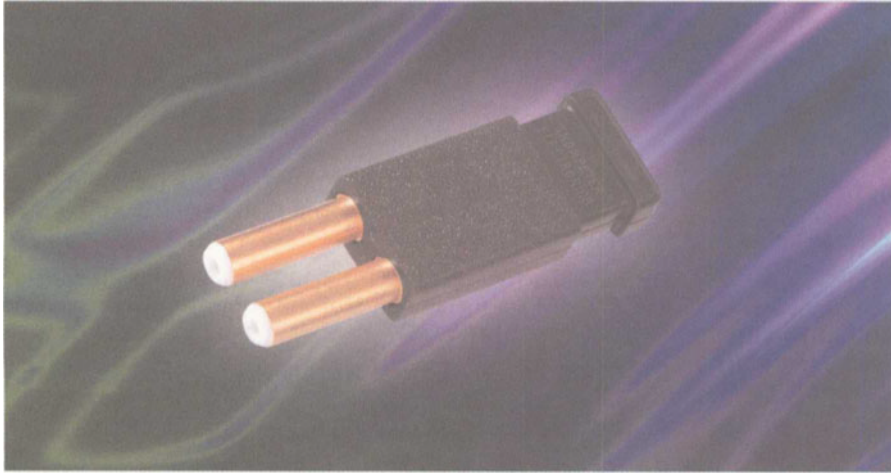
Parallax Player allows images and movies formatted in common stereo formats such as above and below, side-by-side, and interlace to be displayed in any available viewing format including anaglyph (requiring red/blue glasses), page-flipping (quad-buffering stereo display), sync-doubling stereo display modes, or even using StereoGraphics Synthagram autostereoscopic display. Supported file formats include .jpg, .jps, .bmp, .tga, .gif, .wma, .wmv, .asf, and .avi.



ImagePro 8945 large venue projector

LCD Projector

Dukane Corp.'s ImagePro 8945 is a high light output, 5200-lumen, full-featured LCD projector for applications in auditoriums, board or conference rooms, churches, stage events, or wherever a bright large data/video image is required. It has the flexibility for



MiniWECo looping plug from Trompeter Electronics

computer or video image display with multiple inputs and various control methods. The image resolution of 1024 x 768 pixels with a 700:1 contrast ratio provides an outstanding picture on the screen. Easy setup and adjustment is possible with the power zoom and focus of the lens, and a power

motorized lens shift permits key-stone correction by lens movement up or down. The image can be reversed or inverted for rear screen or ceiling mounting of the projector. With three separate input modules any signal source can be displayed, including various computer output signals.

STATEMENT OF OWNERSHIP, MANAGEMENT, AND CIRCULATION

(Required by 39 U.S.C. 3685)

1. Title of publication: SMPTE Motion Imaging Journal
 - A. Publication No. 2852300
2. Date of filing:
3. Frequency of issue: Monthly
 - A. No. of issues published annually: 10
 - B. Annual subscription price: \$140
4. Complete mailing address of known office of publication:
595 W. Hartsdale Ave., White Plains (Westchester County), NY 10607-1824
5. Complete address of the headquarters or general business offices of the publishers:
595 W. Hartsdale Ave., White Plains (Westchester County), NY 10607-1824
6. Full names and complete addresses of publisher, editor, and managing editor:
Publisher: Society of Motion Picture and Television Engineers, Inc.
595 W. Hartsdale Ave., White Plains (Westchester County), NY 10607-1824
7. Owner: Society of Motion Picture and Television Engineers, Inc.
595 W. Hartsdale Ave., White Plains (Westchester County), NY 10607-1824
8. Known bondholders, mortgagees, and other security holders owning or holding 1% or more of total amount of bonds, mortgages, or other securities: None
9. The purpose, function, and nonprofit status of this organization and the exempt status for Federal income tax purposes: Have not changed during preceding 12 months
10. Extent and nature of circulation:

| | | |
|---|--------|---------|
| A. Total no. copies printed (net press run) | 8,377* | 7,776** |
| B. Paid and/or requested circulation: | | |
| 1. Sales through dealers and carriers, street vendors, and counter sales | - | - |
| 2. Mail subscriptions | 7,287* | 6,994** |
| C. Total paid and/or requested circulation: | 7,287* | 6,994** |
| D. Free distribution by mail, carrier, or other means: Samples, complimentary, and other free copies | 809* | 606** |
| E. Copies not distributed: | | |
| 1. Office use, leftover, unaccounted, spoiled after printing | 281* | 176** |
| 2. Return from news agents | - | - |
| G. Total: | 8,377* | 7,776** |
11. I certify that the statements made by me above are correct and complete.

David Juhren, Director of Publications

*Average no. copies each issue during preceding 12 months.

**Actual no. copies of single issue published nearest to filing date.

Looping Plug

Trompeter Electronics introduced the LPMWHF miniWECo looping plug, a new 75-ohm coaxial product for the HDTV uncompressed signal wireline in video signal processing and routing. The plug enables the "normal thru" feature that is built into some broadcast station, truck, and head-end patch-jack products. It is designed and tested to enable the full 1.485 Gbits/sec of uncompressed data rate needed for HDTV, with return loss performance that exceeds SMPTE 292M requirements.

For more information on these products contact the following companies:

Dukane Corp., tel: 630-584-2300, fax: 630-584-5156.

Panasonic Broadcast & Television Systems Co., tel: 800-528-8601, website: www.panasonic.com.

StereoGraphics Corp., website: www.sterographics.com

Trompeter Electronics, tel: 800-982-2629, website: www.trompeter.com.

SMPTE Conference Schedule

Technical Conferences

145th
New York Hilton, New York City,
November 12-15, 2003

146th
Pasadena Convention Center,
Pasadena, CA
October 18-25, 2004

Advanced Motion Imaging

37th
Sheraton, Seattle, WA
February 27-March 1, 2003

38th
Fairmont Hotel, Chicago, IL
February 26-28, 2004

Info: SMPTE, tel: 914-761-1100 ;
website: www.smpte.org.