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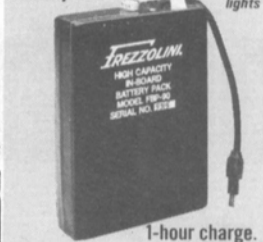
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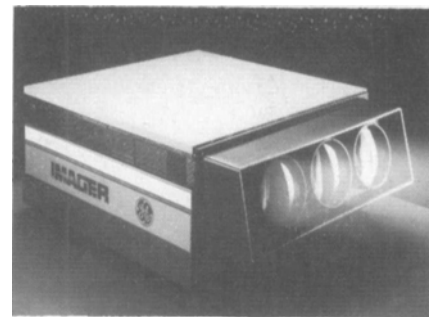
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New Products

Further information about these items can be obtained from the addresses given. As in the case of technical papers, the Society is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.

An upgraded KY-210BU three-tube color camera has been announced by JVC Co. of America, 41 Slater Dr., Elmwood Park, NJ 07407. The camera incorporates newly developed HR EM 2/3-in. Saticon® tubes, which virtually eliminate dark shading problems. These new tubes utilize a collimation lens which has a 10% larger diameter than previous KY models; thus 750-line resolution is achieved. The KY-210BU has a wide range of studio and field applications, and includes among its features auto shift registration, auto white and black balance, and auto beam control.



GE Imager 100 video projector

A line of large-screen video projectors has been announced by General Electric Co., P.O. Box 4840, Syracuse, NY 13221. The Imager 100 and Imager 200, representing GE's first entries into the commercial video market, produce sharp, clear images up to 10 ft diagonal. Both projectors are easy to register and offer enhanced picture contrast and excellent resolution. The Imager 100 and Imager 200 accept inputs from all video formats, broadcast television, cable and satellite feeds.

An on-air switching master control has been introduced by 3M, P.O. Box 33600, St. Paul, MN 55133. The Model 324 can be used as a stand-alone master control or may be integrated with 3M's switching systems. It provides 32 audio/video inputs, 4 assignable inputs with alphanumeric readouts, and full audio over-and-under capability. The features of the switching control include full analog VU meter with digital peak indicators, manual fader, built-in preset monitor display of preroll time, 2 matte generators, and

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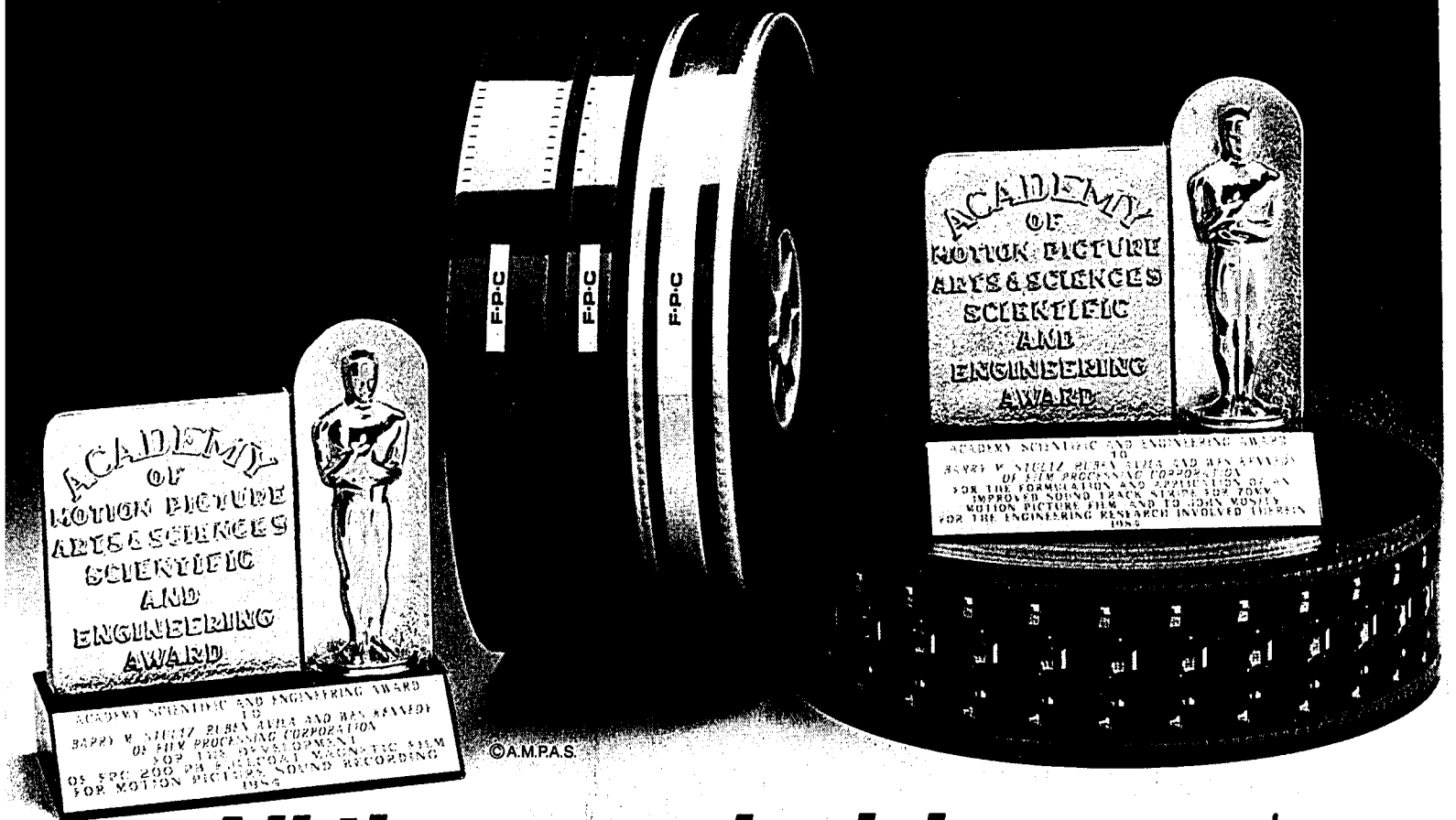
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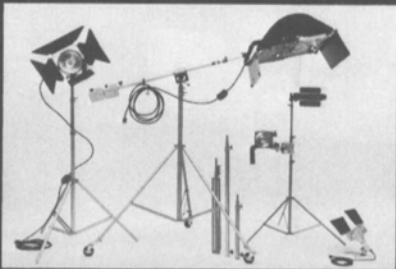
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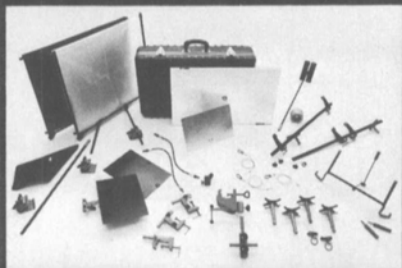
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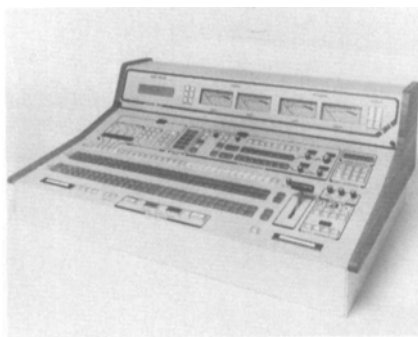
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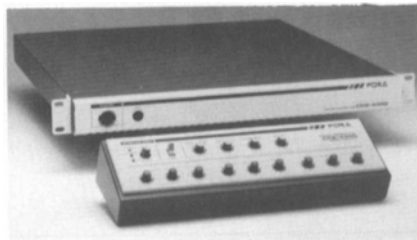
3M Model 324 switching control

preview key bus. Optional on the Model 324 is an event stack processor that provides 99 preset events accessible by means of a single keystroke.

The PCD3 Series of chroma decoders has been announced by Barco Industries, Inc., 170 Knowles Dr., Los Gatos, CA 95030. The series has models for NTSC, PALB, M or N, and SECAM. Each model permits the combining of encoders for two different television standards in a single cabinet. Each uses a two-line comb filter, switchable to notch. Applications include the decoding of composite video signals to RGB or Y, R-Y, B-Y; precision decoding with automatic switching for multi-standard display; input for precision standards converters; and signal processing inputs for chroma keying, paintboxes, and digital effects.

The HRC converter and the Minivas animation controller have been placed on the market by Lyon Lamb Video Animation Systems, Inc., 4531 Empire Ave., Burbank, CA 91505. The HRC converts up to 1280x1024 60-Hz non-interlace RGB to NTSC video or low-resolution RGB with no loss of graphic information. Conversion time is less than 1/10 of a sec. The high-resolution converter interfaces to a wide range of formats, and features operator selection of picture aspect ratio and simultaneous outputs of composite video or low-resolution RGB.

The Minivas animation controller interfaces directly to PC-based animation and graphics systems for automated single frame recording, frame grabbing, and VTR control.



For-A CCS-4400 component color corrector

A component color corrector has been introduced by For-A Corp. of America, 320 Nevada St., Newton, MA 02160. The

CCS-4400 incorporates the features of For-A's CCS-4200 and CCS-4300 composite correctors, including Y/R-Y/B-Y input and output interfaces with several internal level scaling capabilities, RGB black and white level control, individual gamma correction for RGB, and overall gamma correction.

Software enhancements for the DVE System 10 digital video effects generator have been made available by NEC America, Inc., 1255 Michael Dr., Wood Dale, IL 60191. The new software creates a disk-based operating and programming system for more efficient and more simplified programming, copying, modification, and storing of effects. Features of the software upgrade include single axis control and transition velocity control. Use of the new software permits the System 10's screen to easily divide into equal portions (4 or 16) during multi-freeze.

Additions to the line of the Model 467 U-Matic digital audio cassettes have been announced by Ampex Corp., 401 Broadway, Redwood City, CA 94063. The Model 467 line now includes cassettes in 75 and 30-minute play lengths. They provide exceptionally reliable PCM performance, and require no realignment or special adjustment.

A videocassette case has been introduced by Plastic Reel Corp. of America, Brisbin Ave., Lyndhurst, NJ 07071. The plastic case, dubbed Video Vault III, can accommodate VHS, Beta, 1/4-in., or 8mm cassettes. The case has been manufactured with high-impact polyethylene for strength and durability, and comes equipped with locks and other security features. Video Vault III may be conveniently stored on any shelf without the need for special racks.

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