

SATURDAY MORNING, January 25

Communications — The Necessity in a Dual Studio or Small Network Operation

David E. Wortman, *KOVR, Stockton, Calif.*

Semi-Automation of VTR Control

Charles A. Newman, *KPIX, San Francisco, Calif.*

A TV Man's Approach to Digital Control

Walter C. Nichol, *KPIX, San Francisco, Calif.*

Extended-Bandwidth NTSC Recording for Tape-to-Film Transfer

Bert Dann, *International Video Corp., Sunnyvale, Calif.*

Design and Manufacturing Considerations for a New Quadruplex Videotape Recorder

G. S. Moskovitz and J. R. West, *RCA, Camden, N.J.*

The Design for Increased Performance and Operating Simplicity of a Single Standard, Modular Quadruplex Videotape Recorder

Wm. Carpenter, *Ampex Corp., Redwood City, Calif.*

SATURDAY AFTERNOON

Digital Video Made Easy

E. Stanley Busby, *Ampex Corp., Redwood City, Calif.*

Digital Video Recording for Television Broadcasting

Frank Davidoff, *CBS Television Network, New York City*

Digital Video and the CVS-600 Synchronizer

Wm. Hendershot, III, *Consolidated Video Systems, Santa Clara, Calif.*

The TBC-800 Digital Time Base Corrector

Mark Sanders, *Ampex Corp., Redwood City, Calif.*

Digital Video Processing at Four Times Color Sub-Carrier

John Lowry, *Digital Video Labs, Willowdale, Ont., Canada*

Interfacing a New Broadcast VTR Into Sophisticated Teleproduction Environments

Lee Marvin, *International Video Corp., Sunnyvale, Calif.*



San Francisco's cable car, the only mobile National Historical Landmark in the United States.

New Sustaining Members

Braun Electric Canada Ltd., 3269 American Dr., Mississauga, Ont. L4V 1B9

Braun Electric Canada Ltd., through sole distributorship in Canada, provides "One-Stop Systems Shopping" for motion-picture and television production, with the highest quality equipment available: Arriflex 16mm and 35mm; Nagra audio recording system; laniro studio lighting; Multi-Track studio recording system; Synchrotec, the Canadian designed and produced "Flat Table" editing system; and Akai, the amazing $\frac{1}{4}$ -inch videotape recording and instant playback system, both black-and-white and color VTR.

Address inquiries to: Steve Cook, Gordon Nugent at the address above.

MM Editing Systems, Inc. 321 West 44th St., New York, NY 10036

MM Editing Systems is the new and sole distributor in Eastern U.S.A. of KEM products, such as the KEM Universal, a modular interchangeable and expandable (6-plate-8-plate) editing table, with a large picture, clear sound and quiet operation. In the 8-plate configuration, the editing table can take modules for three pictures and one soundtrack; two sounds; one picture three sounds; or four sounds blind. These combinations can be used in any combination of super 8, 16mm, super 16, 35mm, 70mm cinemascope, and techniscope, all with synchronous drive at 24 frames/s. KEM Universal 4-plate junior is a non-extendable editing table, utilizing the same modules and with the same interchangeability of the 6/8 plate Universal. The new KEM RS-Super (Rapid), is a compact 6-plate editing table interchangeable, with separate frame counter for each transport and the manual inching operation makes it a simple super synchronizer. KEM dubbing and transfer equipment is of the

highest quality in the audio field. It can be used for any film and sound application. There are service representatives in major cities.

Address inquiries to: the address above.

Super 8 Sound, Inc. 95 Harvey St., Cambridge, Mass. 02140

Super 8 Sound, Inc. was founded in 1972 and is engaged in manufacturing, distribution and retail sales of a complete line of Super 8 synchronous sound location recording, editing, studio and projection equipment. The Super 8 Sound Recorder, introduced in 1973, is a self-resolving sync recorder that uses full-coated Super 8 magnetic film. It is fully compatible with standard pilotone equipment and the new one-pulse-per-frame (1/F) digital sync standard. Other Super 8 location equipment includes cassette sync recorders, super 8 sound crystal camera controls, and super 8 sound silencers — lead-and-foam-filled barneys that reduce camera noise 6-8 dB. The Super 8 Sound editing bench is a double-system and single-system motorized editing facility incorporating differential rewinds and a sliding magnetic head assembly. Multi-channel recorders are available for super 8 studio sync work. The Super 8 Sound double-band projector permits interlock screening and rock and roll dubbing. Super 8 Sound has assembled complete super 8 production systems ranging from under \$2,000 to \$18,000 and provides consultation to film schools, industrial and educational filmmakers, and television film units on their specific system needs. Other super 8 accessories include super 8 fullcoat magnetic film, the super 8 Soundboom, a crystal sync generator, an AC Sync Generator, the photostart and projector sync modification kits. Super 8 Sound is a franchised dealer for Braun-Nizo, Canon, Elm, Hervic-Beaulieu, Eastman Kodak, EPOI-Nikon, Sony/Superscope and many other film and sound equipment manufacturers, and is the world's largest single supplier of Super 8 sync sound equipment.

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