



Fig. 6. System for superimposing titles.

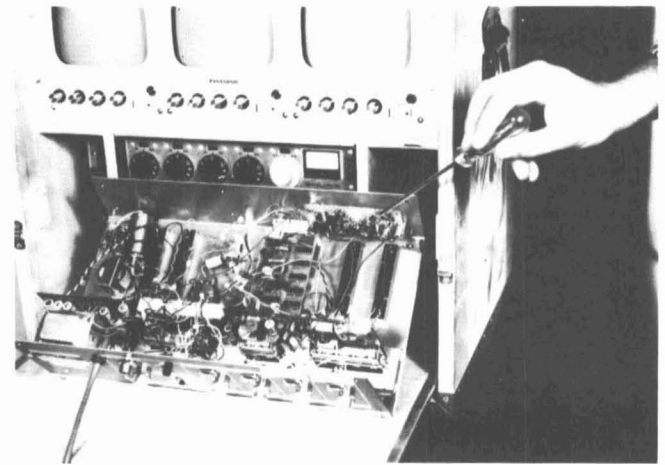


Fig. 7. Sync separator circuit board in special-effects generator.

cost editing of videotape and produce a new master tape of a quality quite close to the quality obtainable with professional equipment. So far, every series of modifications that we have made has suggested a new series of improvements that could be made. Thus, where Phase I involved only three real changes (starting and stopping both machines by a common switch, providing a reverse mode, allowing for double recording of sound at the edit point), Phase II went much further and used

relays extensively to automate the operation. And we must note—in a kind of “note added in proof”—that while the report on all this work was in preparation, Phase III was implemented: it consists of replacing most of the time-delay relays of Phase II with electronic switching circuits. And Phase III leads naturally to Phase IV, and. . .

For the benefit of anyone who might wish to duplicate this work or attempt his own modifications of VTR equipment, more detailed information (specific

regarding the needed resistors, transistors, mounting brackets, etc.) will be made available by the authors on request. Also, a bulletin describing all the Phase III modifications is to be published shortly.

Acknowledgments: We gratefully acknowledge the contributions of Robert Forget, Youssef Hasrouni, Lester Dupuis and Anthony Zsiros in the development of this system.

Errata

May 1973 *Journal*

Studio Lighting Equipment

Page 348, 1st col., 3d paragraph:

For:

“Mole-Richardson Co. (Hollywood, U.S.A.) introduced the new 2,000-W Type 8021 Mole-quartz Molelipso ellipsoidal pattern light (Fig. 2), using a new Q2000/4CI/BP 750-h long-life 3200-K globe developed especially for the unit. Flow-through ventilation provides adequate cooling with a fan . . .”

Progress Committee Report for 1972

Read: (for the last sentence)

“Flow-through ventilation provides adequate cooling without a fan.”

Pages 405–406 (photos to be interchanged for Figs. 109 and 110).

For: “Fig. 109. Production control suite of London Weekend Television’s new South Bank center” see photo on p. 406.

For: “Fig. 110. South Bank Television Center as it looks from the north bank of the Thames” see photo on p. 405.

standards and recommended practices

Draft American National Standards

Four Draft American National Standards are published here for a trial period and public review.

PH22.108, Dimensions for Four 150-Mil Magnetic Sound Records on 35mm Motion-Picture Film (Revision of PH22.108–1958), and PH22.137, Dimensions for Four-Track Magnetic Sound Records on 35mm Motion-Picture Release Prints (Revision of PH22.137–1963), are in fact editorial revisions and do not reflect technical or dimensional changes. The modifications were made to improve clarity and adjust the format to be in accord with similar standards.

PH22.185, Dimensions for Six-Track Magnetic Sound Records on 70mm Motion-Picture Release Prints, and PH22.186, Dimensions for Six 100-Mil Magnetic Sound Records on 35mm Motion-Picture Film, are new standards reflecting established engineering practices.

Comments should be addressed to Alex E. Alden, Staff Engineer, at Society Headquarters before 1 September 1973. The proposals have been submitted to American National Standards Committee PH22. Consequently, all comments received through *Journal* publication will be reviewed prior to conclusion of action by that committee. Alex E. Alden, Staff Engineer