

~~SECRET~~



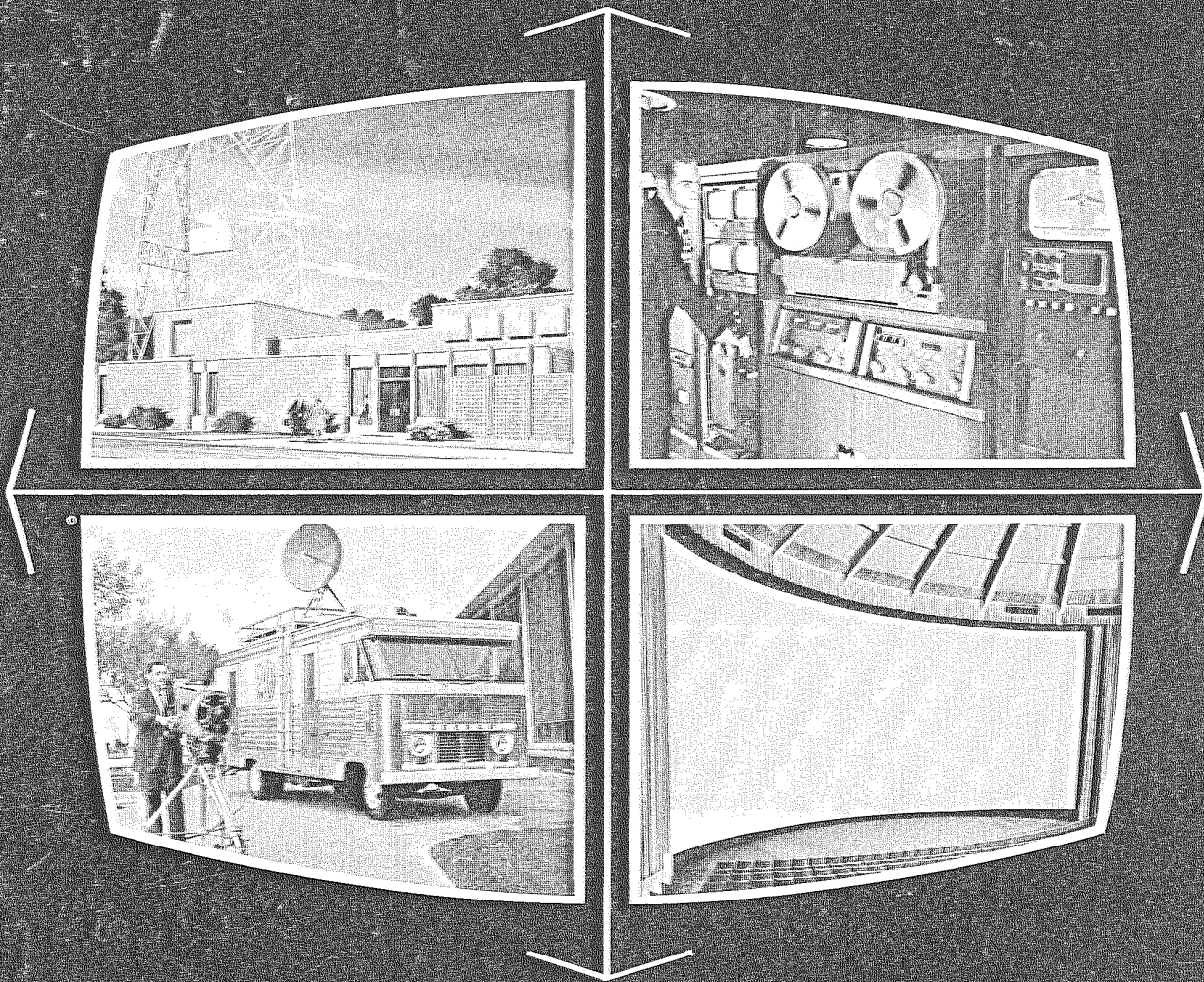
Experiment

Film-to-electronics-to film

PM. 10/67

25X1

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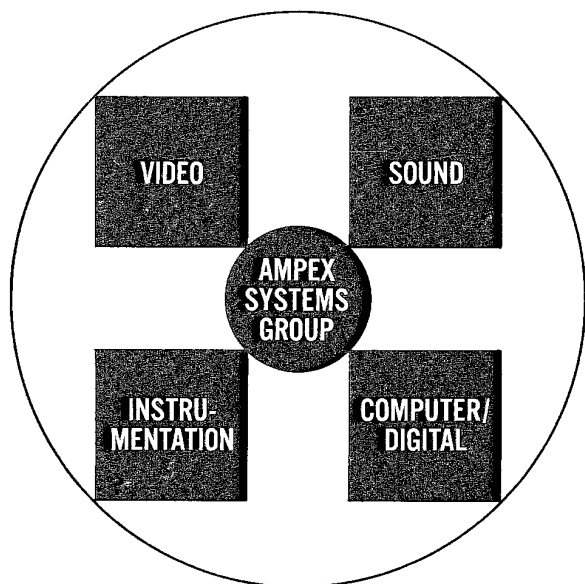
AMPEX

Audio-Video Communications Systems

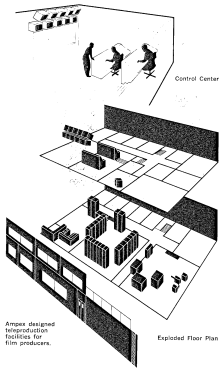
AMPEX

Ampex System Experience Began With the Birth of Magnetic Tape Recording...

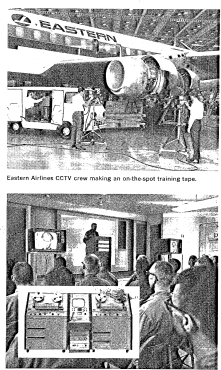
The first professional quality magnetic tape recorder, delivered by Ampex in 1948, was a system; it required the simultaneous development of a new recording technology, a tape medium on which the recording was to be made and a signal recovery technique to achieve the desired reproduction quality. From this early audio recording system, Ampex pioneered the first magnetic tape instrumentation system . . . helped to develop computer tape memory systems . . . and finally, introduced the world to the first Videotape recorder. Today, when you work with Ampex system engineers, your project receives the attention of men whose experience spans many disciplines. The systems group of Ampex engineers is a focal point for all Ampex experience in video, audio, instrumentation and computer techniques. The end product of this group is the creative fulfillment of your functional system requirements.



SYSTEMS FOR TELEPRODUCTION Combining the advantages of television production techniques with the universal standards of film, Ampex system engineers have designed a teleproduction facility for film producers. This system is designed to meet the needs of the film experts now engaged in producing film for television. It recognizes the special requirements of the motion picture industry, while offering the production speed and economies inherent in television techniques. The system permits production on video tape with subsequent transfer to film for distribution—to surmount the difficulties posed by varying television standards.

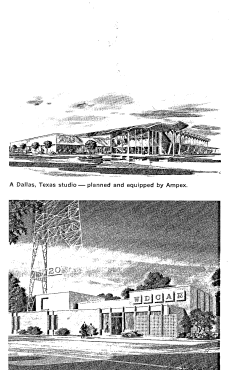


SYSTEMS FOR TRAINING Ampex system capability is expanding most rapidly in the area of closed circuit television. Several major airlines are now using Ampex CCTV systems, in a variety of configurations, for technical training of crews servicing new types of aircraft. On a much larger scale, Continental Army Command uses a system similar to industrial CCTV training types. CONARC's system distributes videotaped instruction to seventeen Ampex designed playback installations—that make up the world's largest closed-circuit network.

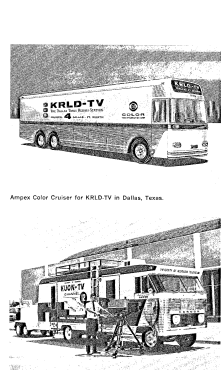


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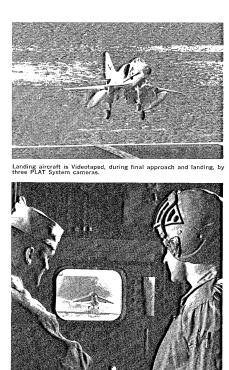
SYSTEMS FOR BROADCAST STUDIOS If a complete broadcast facility is your objective, Ampex can handle the assignment from the ground up. Ampex system engineers will plan and install the complete studio, office complex, communication systems, control rooms, transmitter, tower and antenna. System engineering includes specification and purchase of all equipment, supervision of construction, installation and check out... everything, including supply of a mobile unit for remote telecasting.



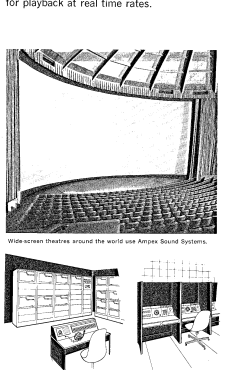
SYSTEMS ON THE GO Since Ampex introduced the first Videotape Cruiser in 1958, the company has designed and built more of these mobile units than any other firm. Ampex units range from big highway color cruisers to the smallest step-vans. They are all designed for the special jobs assigned to mobile units. Ampex experience includes specialized units for international markets... and mobile closed-circuit systems applications.



AMPEX SPECIALIZED SYSTEMS Ampex system engineers are highly adaptable... and sometimes find themselves in unusual environments, like the pitching deck of an aircraft carrier. For such an environment, Ampex designed and installed a highly specialized closed-circuit system—one that enables Navy pilots and landing signal personnel to study and critique every landing and take-off. The system has proved so successful it has been installed on all U. S. Navy carriers. Called PLAT (for Pilot Landing Aids Television) the system is responsible for improving individual pilots' performance and the safety records of individual carriers.



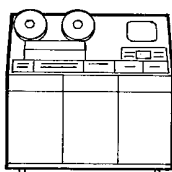
AUDIO SYSTEMS AND THEATER SOUND In fields from television, Ampex is also a system supplier of major importance. Ampex Theatre Sound Systems are installed in motion picture houses all over the world. They provide spectacular sound to match the visual impact of modern wide screen projection systems. For secondary schools and colleges, Ampex offers a unique new Random Access Audio System that provides a wide variety of programs in less than 60 seconds. The system accommodates an almost unlimited amount of program material, each portion approximately 15 minutes in length. Dial access permits high speed duplication of programs at student stations for playback at real time rates.



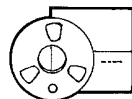
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THAT "SOMETHING SPECIAL" ABOUT AMPEX SYSTEMS

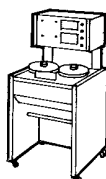
- Responsibility for your system is assumed by Ampex professional systems engineers
- Single source procurement provides the speed and convenience of dealing with a single responsible supplier
- Major system components are the acknowledged leaders in their fields
- The breadth and scope of Ampex product research and development assures a creative approach to problems of system development
- Modern, flexible financing tailors system funding to customer requirements
- Plus, Ampex world leadership in . . .



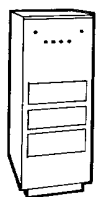
Color Broadcast
Videotape
Recorders



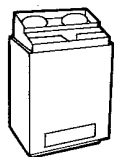
Magnetic tapes
for computer,
instrumentation,
audio, and video
recorders



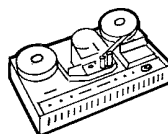
Professional
Audio
Recorders



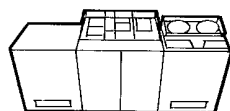
Computer
Core-memory
Systems



Digital
Tape Memory
Systems



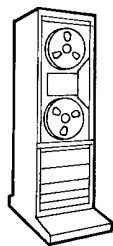
Closed circuit
Videotape
Recorders



Data
Conversion
Systems



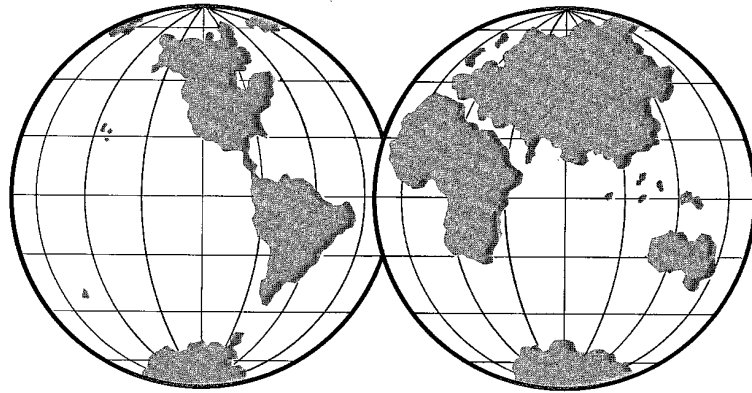
Videofile
Document
Storage and Retrieval
Systems



Instrumentation
Recording
Systems

These are our qualifications. Inside is a description of some of our current system activities.

Ampex Systems are sold the world over . . .



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