ESS·2

DIGITAL VIDEO PRODUCTION SYSTEM

The next step in the union of computer and video by Ampex

Since the infancy of video recording, television professionals have searched for ever-increasing operational convenience, time savings and creative control over the video medium. The ESS-2 Digital Video Production System from Ampex contains more creative potential and mastery of time than ever offered before. The ESS-2 is a new kind of system which expands the automated creative possibilities for the world of teleproduction. As the first commercially available digital video recorder with an unmatched array of capabilities, the ESS-2 has no equal.

The use of computer type disk recording techniques, rather than analog on-tape methods, offers important new choices and advantages to television producers:

☐ It offers control over both recording and playback speeds, from still frame to real time to playback faster than real time.

☐ It makes available exciting, unique possibilities in the production of animation, graphics and other special effects—possibilities found in no other single product or system.

☐ It maintains picture quality as only a digital system can, with virtually no degradation of quality through generation after generation, and with no limit on the time a still image can be played back.

☐ It eliminates the need for cumbersome and inefficient files of 35mm slides and graphic art.

New creative possibilities. Control of video action in forward or reverse is another feature of the ESS-2. While many possibilities in production, special effects and the like are already apparent, many others have yet to be discovered. Undoubtedly new production techniques will arise. The ESS-2 encourages them.

The introduction of computer-type disk recorders to video production has greatly expanded the potential for still picture usage. Color or monochrome stills for every purpose may be filed for virtually instant access, without the problem of physical deterioration. This recording technique allows instantly available images to be assembled in an unlimited combination of sequences or complete programs... assembled in minutes at a keyboard. Now, this new version of the ESS brings digital disk reliability to real-time and non-real-time video as well. *