

# AMPEX

## Electronic Videotape Timer

*with large, luminous, digital readout that displays "elapsed time" or "time remaining" on Ampex VR-2000 and VR-1200 Series VTR's... also allows automatic "turn-on" or "turn-off" of other equipment at a preset time*



Electronic Timer illuminated readout and control panel

### Description

The Ampex Electronic Timer permits tape time monitoring at a distance, at a glance. Its large, illuminated readout displays either ELAPSED TIME or TIME REMAINING in hours, minutes and seconds. It replaces mechanical timers and is available as an option on all Ampex VR-2000 and VR-1200 Series recorders — where it is conveniently mounted at eye level above the picture monitor.

The Electronic Timer displays correct time for all television standards and both 7½ and 15 ips tape speeds; it automatically switches itself to give a correct time readout at whatever speed or standard is selected. The Electronic Timer may be reset to zero at any point in a tape, simply by pressing the ZERO pushbutton. The timer can also be preset to any specific time setting. It can be easily seen across the control room because a polarized filter eliminates internal reflections and makes the illuminated numerals extra sharp. In contrast, mechanical timers are difficult and impractical to preset — also hard to read at a distance.

### Timed Control of Other Equipment

Other VTR's, film chains, cue lights, etc., can be automatically turned on or turned off in synchronism with the VTR. The time for a remote event to occur is set on the PRESET dial and the EXTERNAL EVENT button is pressed. When the preset time point is reached in the rolling tape, relays automatically activate or deactivate other equipment. For example, if the timer-equipped VTR was to run a

10 minute tape then activate a second VTR (allowing 5 seconds roll time), one would first press the "elapsed time" button then set the "preset" at 0:09:55. The timer would automatically turn on the second VTR 5 seconds before the 10 minute tape was finished. This remote control provision of the Electronic Timer allows any number of events to be activated throughout the studio.

### Remote Readouts for Cueing

Up to four additional illuminated digital time readouts can be remoted from the master, VTR-mounted electronic timer. These remote readouts allow station-wide time monitoring of the VTR. They also allow resetting of the timer to zero (from five separate locations) via a ZERO button built into each remote unit.



Electronic Timer remote



Electronic Timer as mounted in the VR-1200B

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