

AMPEX

SMC-100 Slow Motion Controller

The SMC-100 slow motion remote control accessory doubles the flexibility of the VPR-1, VPR-2 and VPR-2B series recorders. The SMC-100 provides a host of convenience features, whether for remote acquisition or creative post-production. It works with any VPR-1 equipped with the variable slow motion and shuttle feature plus the AST automatic scan tracking system or any VPR-2 or VPR-2B having the AST system alone installed.

Full broadcast slow motion and recognizable picture in shuttle are

provided when the Ampex TBC-2 or TBC-2B digital time base corrector is added. When used with VPR-1 or VPR-2, normal play, 1/2 speed, 1/5 speed, variable control of slow motion playback, shuttle in both directions and freeze frame in the playback mode are possible. When used with the VPR-2B, variable control of playback is expanded from 1/4 speed reverse to 1-1/4 speed forward. When used with the STC-100 search-to-cue accessory, it allows up to 99 independently searchable cue points.

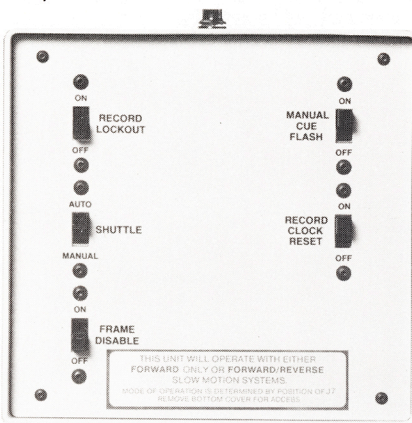


Installation

Connection of the SMC-100 controller to the VTR in use is a simple matter of plugging the controller cable into the recorder's remote connector on the rear panel of the machine. A VTR may be remotod up to 100 feet from the controller. The SMC-100 is powered by the recorder's internal supply.

Dimensions

Height 10¼ inch (259 mm), Depth 15 inch (381 mm), Width 8 inch (203 mm).



Rear power controls

Control Functions

Ready puts the VTR in the ready mode.

Record by pushing the record button, the VTR enters the record mode. The clock timer can optionally be reset to zero on entering Record.

Normal illuminates when selected and puts VTR into normal play mode.

Slow motion 1 puts the VTR into a slow motion speed which represents a nominal half play speed.

Slow motion 2 puts the VTR into nominal 1/5 play speed.

Slow motion 3 enables the adjustable lever that controls the play speed.

Reverse jog puts the VTR into reverse slow motion at nominal two frames per second.

Forward jog puts the VTR into forward slow motion at nominal two frames per second.

Fast forward initiates shuttle in forward direction.

Fast reverse initiates shuttle in reverse direction.

Clock reset resets the clock display to zero.

Search enables the automatic search-to-cue mode. The recorder will search to the cue which is represented by a flashing LED on the clock face.

Manual cue enables the operator to have a clockface indication of two manually searchable cues.

Auto cue selects one automatically searchable cue

Display freeze permits freezing of the clock and tape timer displays. Operating a second time results in clock and timer returning to correct time position.

Secondary Rear Panel Controls

Record lockout: While ON prevents the system from going into Record mode while remotod to the SMC-100. Indicator on top of clock is illuminated when Record Lockout is ON.

Shuttle: AUTO permits shuttle speed in forward or reverse direction to be set by the duration either shuttle pushbutton is held down. System latches in shuttle.

MANUAL shuttle permits the VTR to go into forward or reverse shuttle at full speed. Pushbutton does not latch and system returns to freeze upon release of pushbutton.

Frame disable: Allows timer frames display to be turned off.

Manual cue flash: Allows manual cue points to flash when system is in freeze mode, to permit differentiation between VTR mark and manual cue.

Record clock reset: Allows clock to be reset to zero when VTR is put into record.

For more information, contact your Ampex sales representative.

AMPEX

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