SONY

Editing Controller

RM-280

RM-280 with HDW-S280 HDCAM VTRs

FEATURES

A Portable Editing Controller For Enhanced Field Operations

The RM-280 is a compact editing controller intended for simple VTR remote control or basic two-machine editing.
Using the Sony 9-pin protocol, the RM-280 can control up to two VTRs. Its extremely compact and lightweight design allows operators to use it as a handheld VTR remote or place it on any space-limited desktop when used for editing. Basic editing functions including insert and assemble editing are available via its compact but clean button layout, which is accompanied by a jog/shuttle dial. The RM-280 also supports multiple frame rates. By offering such features at a very affordable price, the RM-280 editing controller brings new conveniences into the field operation and compact editing.

Editing Functions

- Two-machine editing
- Assemble and insert mode
- Four-channel audio editing
- A variety of edit buttons such as "IN- and OUT-POINT ENTRY", "+ and - TRIM", "AUTO EDIT", "PREVIEW", "REVIEW", "GO TO", "ALL STOP"
- TC/CTL/RTC (Relative Time Code) editing mode selectable
- Pinch-on-delay time learning capability for accurate timing adjustments of recorder and player edit in-points
- Edit delay time setting
- Tally output via a BNC port
- Equipped with reference video input and output* for synchronization with other equipment

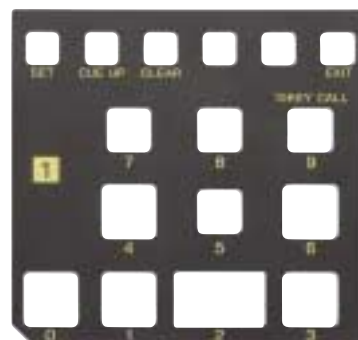 * Output is available when the system frequency is set to 24 and 23.98 Hz.

Remote Control Functions

- Remote control buttons including PLAY, REWIND, FAST-FORWARD, REC, STOP, PAUSE, EDIT, PREROLL
- Parallel Run mode to simultaneously provide the same control with two VTRs
- Synchronized playback of two VTRs that are absolutely synchronized
- Three convenient modes are available, accompanied by their dedicated templates:
  *Ten-key mode enables quick timecode input when performing timecode-based cue-up.
  *XDCAM™ mode provides "Thumbnail display", "Scene Selection" and "Essence Mark" operations.
  *DSR-DR1000A (DVCAM™ hard-disk recorder) mode provides instant slow-motion replay operations. Up to 256 cue points can be set by this controller, and clips can be quickly and easily replayed from these cue points. You can select playback speeds (0.2/0.5/0.8/1.0/2.0) and pre-roll times (3/5/7 sec.) for the replay.
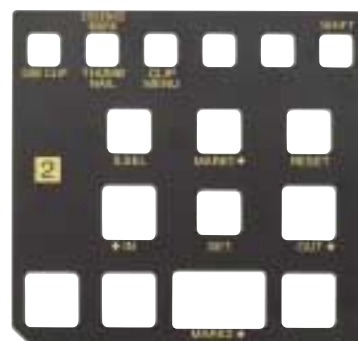
Other Features

- Multiple system frequencies including 29.97, 25, 24, and 23.98 Hz
- Picture search using the jog/shuttle dial for jog, shuttle and variable-speed playback modes
- Can be powered using the supplied AC adaptor or directly from a connected HDW-S280 HDCAM™ recorder from its DC output
- Easy-to-use keyboard layout provides straightforward operations
- Displays error messages on the VFD display, indicating the type of errors and device name on which the malfunction occurred for instant action to be taken
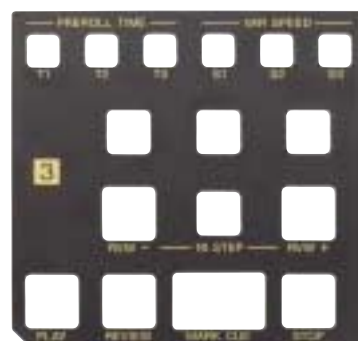
Supplied Templates

For ten-key mode

For XDCAM mode

For DSR-DR1000A mode

Front Panel

SPECIFICATIONS

RM-280	
Power Requirements:	DC 12 - 15 V
Power Consumption:	5 W
Mass:	700 g (1 lb 9 oz)
Dimensions (w x h x d):	210 x 56 x 168 mm (8 3/8 x 2 1/4 x 6 5/8 inches)
Operating Temperature:	+5 to +40°C (+41 to +104°F)
Storage Temperature:	-20 to +60°C (-4 to +140°F)
Connectors:	RS-422A 9-pin remote x2
	Reference video input and output*[1] (BNC) x1
	RS-232C x1 (for maintenance)
	BNC for REC TALLY output x1
	DC input x1
Supplied Accessories:	Operation manual (x1), 9-pin/DC multi-cable (x1), AC adaptor (x1), template (x3, for ten-key mode, XDCAM mode, DSR-DR1000A mode), connector cap (x6)

Applicable Models*[2]:		
Editor Mode		
	HDCAM:	HDW-2000 series, HDW-S280, HDW-250*[3] (as a player)
	HDCAM-SR™:	SRW-5000, SRW-5500
	Digital Betacam™*[4]:	DVW-2000 series, DVW-500 series*[3]
	MPEG IMX™*[4]:	MSW-2000 series
	DVCAM*[4]:	DSR-2000*[3], DSR-2000A, DSR-1800*[3], DSR-1800A, DSR-1600*[3], DSR-1600A, DSR-1500*[3], DSR-1500A, DSR-70*[3], DSR-70A, DSR-45*[3], DSR-45A
	XDCAM:	PDW-1500 (as a player), PDW-F70 (as a player), PDW-F30 (as a player)
	Betacam SX™*[4]:	DNW-A75*[3], DNW-A28*[3], DNW-A25WS*[3]
	Analog Betacam™*[4]:	UVW/PVW/BVW series*[3]
Remote Control Mode		All Sony RS-422 9-pin interface-equipped VTRs
		PDW-1500, PDW-F70, PDW-F30 (XDCAM Mode*[5])
		DSR-DR1000A (DSR-DR1000A Mode*[5])

*[1] Output is available when the system frequency is set to 24 or 23.98 Hz.
*[2] CF (Color Framing) editing is not available.
*[3] These products are no longer in production.
*[4] Referenced models include both NTSC and PAL.
*[5] In this mode, only functions listed in page 2 are provided.

Rear Panel

MK10272V3OHB06MAR