

DSR-20MDP

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DVCAM Recorder

- Superb picture quality of the DVCAM format
- Playback capability of DV recorded tapes (SP mode only)
- Long recording time: up to 184 minutes with a standard-size cassette and 40 minutes with a mini-size cassette
- i.LINK (DV In/Out) interface providing a single cable connection to transfer digital video and audio with virtually no generation loss
- Foot switch control capability
- LANC interface for simple editing with a LANC-equipped recorder or editing system
- RS-232C and Control S interfaces for remote control operation
- Frame still picture
- External Sync*1 in connector for synchronised playback
- Auto repeat function
- Power-on recording capabilities
- Duplication mode with original time code
- Compact and lightweight (half-rack width)
- AC/DC operation*2
- Index Points search functions (when using a cassette with IC Cassette Memory)
- RMT-DS20 Wireless Remote Controller (supplied accessory) for control of basic functions
- Compliance with the MDD (Medical Device Directive)*3

*1 The DSR-20P locks to V-sync only.

*2 The DSR-20MDP can be used for outdoor operation, but is designed for stationary use. Vibration resistance is not guaranteed.

*3 Medical safety regulation issued by the Commission of the European community

Supplied accessories: Wireless Remote Commander RMT-DS20 (1)
AC power cord (1)
Cleaning cassette (1)
Operation manual (1)

Optional accessories: Remote Control Unit DSRM-10
Foot Control Unit FS-20
DC power cord CCDD-X2

Specifications

GENERAL

Video signal standard: CCIR standard, PAL colour
Power requirements: AC: 220 to 240 V, 50/60 Hz DC: 12 V
Power consumption: AC: 28 W DC: 2.0 A
Operating temperature: 5 °C to 40 °C (41 °F to 104 °F)
Storage temperature: -20 °C to 60 °C (-4 °F to 140 °F)
Mass: Approx. 5.0 kg (11 lb)
Dimensions: Approx. 212 (W) x 98 (H) x 395 (D) mm
(8 3/8 x 3 7/8 x 15 5/8 inches)
(including external projections)

Tape speed:
DVCAM mode: 28.221 mm/s
DV SP playback mode: 18.831 mm/s

Recording/Playback time:
Standard cassette: 184 min. with a PDV-184ME/184N/184MEM
Mini cassette: 40 min. with a PDVM-40ME/40N/40MEM
Tape rewind time: Less than 2 min. with a PDV-184ME/184N/184MEM
Search speed (via RMT-DS20 or DSRM-10):
-2, -1, -1/5, -1/10, still, 1/10, 1/5, 1, 2, Cue/Review
(10 or 18 times)

SIGNAL INPUTS

Video Inputs

Composite (BNC x1)*: 1.0 Vp-p, 75 Ω, unbalanced, sync negative
*Shared with the External Sync IN

S Video (4-pin Mini-DIN x1):

Y: 1.0 Vp-p, 75 Ω, unbalanced, sync negative
C: 0.3 Vp-p (subcarrier burst), 75 Ω, unbalanced

Audio Inputs

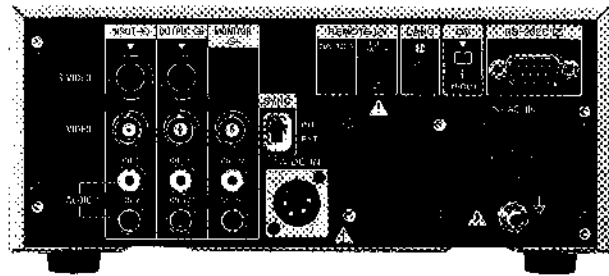
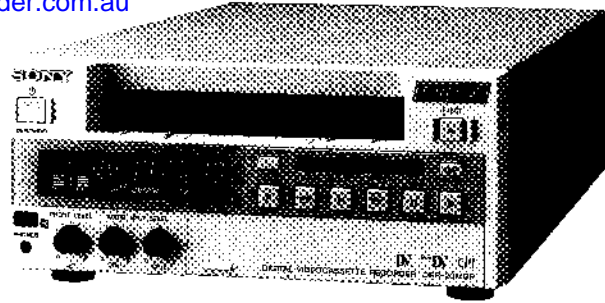
RCA pin (x2) (stereo L/R):
2 Vrms (full bit)

Video outputs

Composite (BNC x1, BNC for monitor OUT x1):
1.0 Vp-p, 75 Ω, unbalanced, sync negative

S-Video (4-pin Mini-DIN x1):

Y: 1.0 Vp-p, 75 Ω, unbalanced, sync negative
C: 0.3 Vp-p (subcarrier burst), 75 Ω, unbalanced



Audio outputs

RCA pin (x2) (stereo L/R):
2 Vrms (full bit)
L: CH1, CH3 or CH1/3 mix
R: CH2, CH4 or CH2/4 mix

Digital inputs/outputs

i.LINK (DV IN/OUT) (4-pin) (x1):
IEEE1394-based

OTHERS

LANC: Stereo mini-mini jack (1)
DC IN: 12 V XLR 4-pin (1)
Control S: Stereo mini jack (IN) (1)
Headphone jack: Stereo mini jack (1)
RS-232C: D-sub 9-pin, male (1)
Foot Switch: Stereo Mini Jack (1)
Equal Potential Terminal: (1)