
Bidirex search dial; search speeds from 1/30 to 5x normal

LED minute and second counter with mark-in function

Clean edits with Sony's exclusive Phi Square Servo

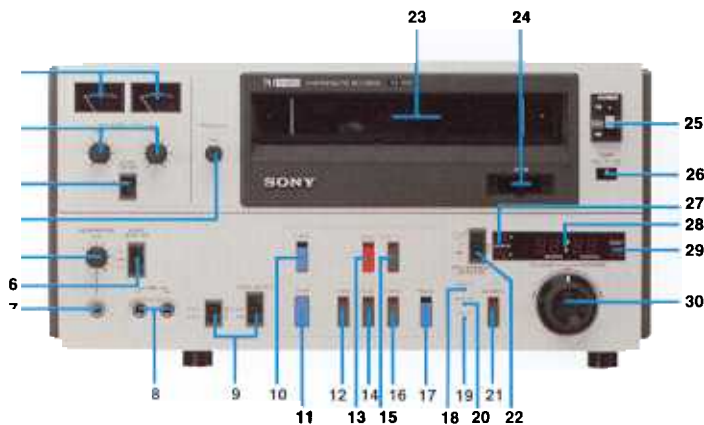
Playback interface with optional RM-440 Editing Control Unit

Programmed operation, timer recording/playback

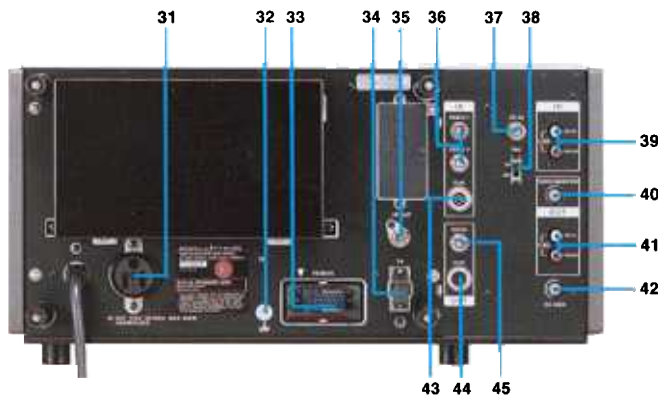
Optional RF unit for playback on standard TV set



U-Matic® Editing Recorder/Player VO-5800



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|---------------------------|------------------------------------|----------------------------------|
| 1 Audio Level Meter | 12 Rewind Button & Indicator | 21 Search Button & Indicator |
| 2 Audio Level Controls | 13 Record Button & Indicator | 22 Programmed Operation Selector |
| 3 Audio Limiter Switch | 14 Play Button & Indicator | 23 Cassette Compartment |
| 4 Tracking Control | 15 Dub Ch-1 Button | 24 Skew Control |
| 5 Headphone Level Control | 16 Fast Forward Button & Indicator | 25 Power On/Off Switch |
| 6 Audio Monitor Switch | 17 Pause Button & Indicator | 26 Timer Switch |
| 7 Headphone Jack | 18 Standby Indicator | 27 Mark In Buttons |
| 8 MIC Jacks | 19 Servo Indicator | 28 Time Counter |
| 9 Input Select Switches | 20 Auto Off Indicator | 29 Reset Button |
| 10 Eject Button | | 30 Bidirex Search Dial |
| 11 Stop Button | | |



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|---------------------|------------------------|-------------------------|
| 31 AC Out Connector | 36 Video In Connectors | 41 Line Out Jacks |
| 32 Ground Terminal | 37 SC in Connector | 42 RX Data Jack |
| 33 Remote Connector | 38 TBC Switch | 43 Dub In Connector |
| 34 TV Connector | 39 Line In Jacks | 44 Dub Out Connector |
| 35 RF Out Connector | 40 Audio Monitor Jack | 45 Video Out Connectors |

When your footage is shot and your schedule is tight, the last thing you need is an editing system that slows you down. That's why Sony created the VO-5800 Editing U-Matic VTR. This machine has flexible editing functions like backspace edit, smooth assembly, dubbing connectors, two video inputs, and audio over-dub.

Features

Designed for flexible editing, camera-to-VTR and VTR-to-VTR, with switching between sources

Bidirex search dial 1/30 to 5x normal, in either direction

Sony's exclusive Phi Square Servo with digital LSI prevents picture "whipping" at edit points

Editing interface with optional Sony RM-440 Automatic Editing Control Unit

Special editing features include backspace edits; virtually noiseless still picture; long-term pause; special framing servo; and rotary erase head for cleaner edits

U-Scan ultra-high-speed picture search with optional RM-440 and KCS tape

Advanced circuitry with two video inputs; vertical interval switching; choice of internal or external sync; and luminance dropout compensator

Audio dubbing adds new sound to previous recordings

Accurate readout of elapsed tape time in minutes and seconds; Mark-In function lets you note specific tape points

Programmed operation repeats a selected segment of the tape

Random access and auto play with optional RX-353 or RX-303 Auto Search Control Units

Sony's Type-5 transport with direct-drive servo motors head drum and capstan, DC servo reel motor

Tracking control, skew control

Rugged die-cast aluminum chassis

Switching power supply to maintain stable operation even during wide swings in AC line voltage and frequency

Dub In/Dub Out connectors minimize generation loss

IC logic transport controls let you go from one mode directly to another, without first pressing Stop

Manual audio level controls for audio Ch. 1 and 2; record level meters; switchable audio limiter

Playback on any TV set with optional RFK-634 RF modulator

Convenient front loading with flexible tilt-out control panel

Mounts in standard EIA 19-inch rack with optional RMM-501

Specifications

Video Signal System: EIA standard, NTSC color

Recording System: Rotary two-head helical scan; FM luminance; converted color subcarrier, direct recording

Horizontal Resolution: Monochrome, 340 lines; color, 240 lines

Video Signal-to-Noise Ratio: Monochrome, better than 48 dB; color, better than 46 dB

Audio Signal-to-Noise Ratio: Better than 48 dB (at 3% THD)

Audio Frequency Response: 50—15,000 Hz

Recording Level Adjustment: Video: automatic; Audio: manual with switchable limiter

Video Inputs: VIDEO IN: BNC connectors x2, 1.0 V, +1.0/ -0.5 V (p-p); 75 Ohms unbalanced, sync negative; DUB IN: 7-pin connector; TV: 8-pin connector

Video Output: VIDEO OUT: BNC connector, 1.0 V, +1 -0.2 V (p-p); 75 Ohms unbalanced, sync negative; DUB OUT: 7-pin connector; TV: 8-pin connector

Subcarrier Input: BNC x1; 0.5-3V (p-p), 75 Ohms unbalanced, sync negative

Audio Inputs: LINE: Ch. 1 and Ch. 2 phono jacks; DUB IN: 7-pin connector; TV: 8-pin connector; -10 dB, 47k Ohms; MIC: Ch. 1 and Ch. 2 phono jacks; -60 dB, 600 Ohms

Audio Outputs: LINE: Ch. 1 and Ch. 2 phono jacks -5 dB, 47k Ohms load; DUB OUT: 7-pin connector; TV: 8-pin connector; HEADPHONES: stereo phone jack for 8-Ohm headphones with level adjustable from -24 dB to -46 dB

Tape Speed: 3¾ ips (9.53 cm/sec)

Record/Playback Time: 60 minutes with KCA-60

Fast-Forward/Rewind Time: Less than 4 minutes with KCA-60

Power Requirements: AC 120 V +/- 10%; 50/60 Hz +/- 10%

Power Consumption: 75 Watts with RM-440

Dimensions (HxWxD): 9¾ x 17¾ x 20½" (237 x 446 x 518 mm)

Weight: 53 lbs (24 kg)

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SONY®

Professional Video

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