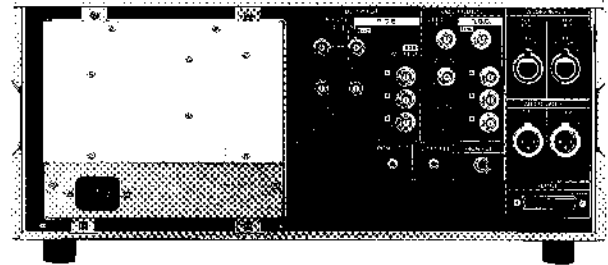
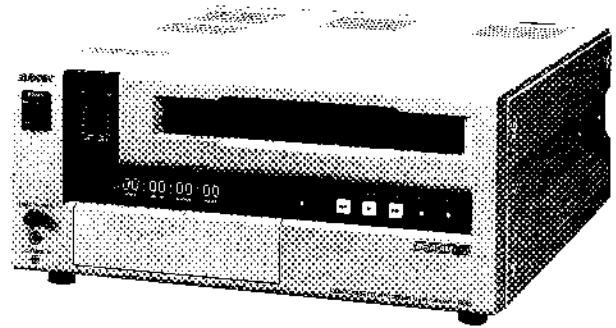


UVW-1400AP [Downloaded from: www.broadcast-trader.com.au](http://www.broadcast-trader.com.au)

Recorder/player

- Outstanding picture quality, thanks to Betacam SP format
- More than 100 minutes of recording/playback time using L-size metal Betacam SP cassettes
- Two longitudinal audio channel with the Dolby C-type Noise Reduction system shown in unique bargraph indicators
- Dedicated longitudinal time code track
- Built-in Time Base Stabilizer with advanced high quality digital dropout compensation
- Built-in EBU time code (LTC/User-bit) generator and reader
- 25-pin remote control interface complied with RS-232C interface for external computer operation
- Y/R-Y/B-Y component signal inputs and outputs via BNC connectors are switchable to RGB input/output connector
- S-video (Y/C separate) input/output connectors
- Foot switch control capability
- Trigger remote out for video printers (stereo mini jack)
- Back space editing for smooth transitions between scenes with optional remote controller
- High speed picture search provides recognizable colour picture at up to 5 times normal speed in forward and reverse (16 times in monochrome)
- Built-in character generator to monitor display information such as VTR status, time code, self-diagnostic messages, setup menu, and so on
- Auto repeat function
- Initial setup menu to preset various detailed operational parameters
- Digital hours meter
- Built-in self diagnostics with detailed warning messages
- Compact and lightweight (4 units high, approx. 19 kg/41 lb 14 oz), 19-inch rack mountable and low power consumption (85W)



Supplied accessories: AC power cord
Operation manual
RS-232C Protocol manual

Optional accessories: Component colour corrector BVX-10P
S-video cable SYC-2/5 (2 m/5 m)
Remote control unit SVRM-100A
Foot switch FS-20
Rack mount unit RMM-130

Specifications

General

Type: Recorder/player

Video recording system: Rotary 4 head helical scan
Luminance: FM recording
Chrominance: FM recording (CTDM recording)
CCIR monochrome/PAL colour

Video signal system: CCIR monochrome/PAL colour

Power requirements: AC 198 to 264V, 48 to 64Hz

Power consumption: 85W

Operating temperature: 5 to 40°C (41 to 104°F)

Storage temperature: -20 to 60°C (-4 to 140°F)

Humidity: Less than 80% (relative humidity)

Dimensions: 427 (W) × 193 (H) × 474 (D) mm
(16 7/8 × 7 5/8 × 18 3/4 inches)

Mass: Approx. 19 kg (41 lb 14 oz)

Tape speed: 101.5 mm/s

Recording/playback time: More than 100min with UVWT-90MLA
More than 35min with UVWT-30MA

Fast forward time: Less than 3min with UVWT-90MLA

Rewind time: Less than 3min with UVWT-90MLA

Search speed (with optional SVRM-100A)*1: Shuttle: 15 steps, still to 16 times normal speed, forward and reverse
Jog: Frame by frame to ×2, forward and reverse

Video performance (Metal particle tape)

Bandwidth (50% modulation): Luminance: 25Hz to 5.0MHz ± 1.8 dB
Colour difference: 25Hz to 1.5MHz -4.8 dB

S/N ratio: Luminance (Component in/out): More than 46dB
Chrominance (1.0MHz LPF): AM; More than 48dB
PM; More than 48dB

K-factor (2T pulse): Less than 3%

Y/C delay: Less than 30ns

Audio performance (Metal particle tape)

Frequency response: 50Hz to 15kHz ± 3 dB

S/N ratio: More than 66dB
(at peak level weighed CCIR468-3)*2
Less than 1.5%
(at 1kHz/at operational level 4dBu)

Distortion: Less than 0.15% rms (DIN 45507)

Wow and flutter: Less than 0.15% rms (DIN 45507)

Signal inputs

REF VIDEO: BNC (×2)
Composite video: 1.0Vp-p, 75Ω, sync negative
Composite sync: 0.2 to 5.0Vp-p, 75Ω, sync negative (with component I/O)

VIDEO IN: BNC, Composite video, 1.0Vp-p, 75Ω, sync negative

RGB/COMPONENT IN: BNC (×3)*3,
Y/Sync on G: 1.0Vp-p, 75Ω, sync negative
G: 0.7Vp-p, 75Ω
R-Y/R: 0.7Vp-p, 75Ω
B-Y/B: 0.7Vp-p, 75Ω

S-VIDEO IN: Mini DIN 4-pin,
Y: 1.0Vp-p, 75Ω
C: 0.3Vp-p (burst), 75Ω

AUDIO IN CH-1/2: XLR 3-pin female, 4dBu, 600Ω/10kΩ selectable balanced

Signal outputs

VIDEO OUT 1: BNC, Composite video, 1.0Vp-p, 75Ω, sync negative

VIDEO OUT 2: BNC, Composite video, 1.0Vp-p, 75Ω, sync negative with or without character insertion

RGB/COMPONENT OUT: BNC (×3)*3,
Y/Sync on G: 1.0Vp-p, 75Ω, sync negative
G: 0.7Vp-p, 75Ω
R-Y/R: 0.7Vp-p, 75Ω
B-Y/B: 0.7Vp-p, 75Ω

RGB SYNC OUT: 2Vp-p, 75Ω, sync negative

S-VIDEO OUT: Mini DIN 4-pin,
Y: 1.0Vp-p, 75Ω
C: 0.3Vp-p (burst), 75Ω

AUDIO LINE OUT CH-1/2: XLR 3-pin, male, 4dBu, 600Ω, balanced

AUDIO MONITOR OUT CH-1/2: Phono, -6dBu

Others

REMOTE: RS-232C 25-pin multi connector

REMOTE 2: Stereo mini jack (for foot switch)

REMOTE OUT: Stereo mini jack (for trigger to video printer)

CONTROL-S (SIRCS): Stereo mini jack

HEADPHONES: JM-60 headphone stereo jack

*1 Without SVRM-100A attached, search speed is 16 times forward and reverse with "REW/FFWD" button continuously depressed