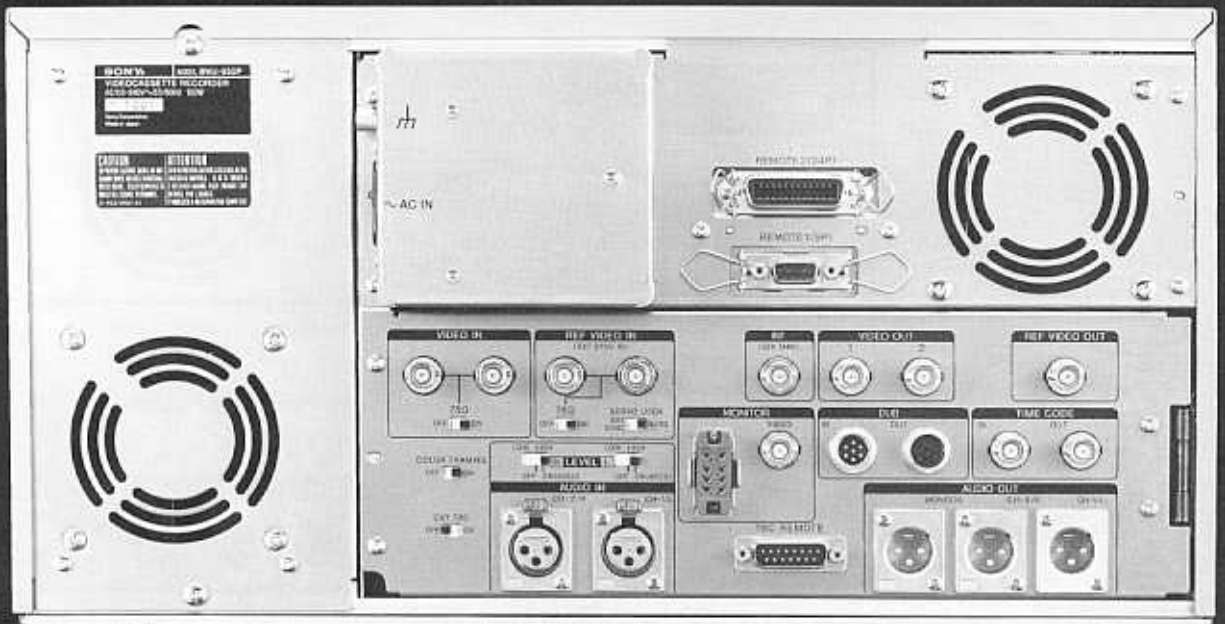
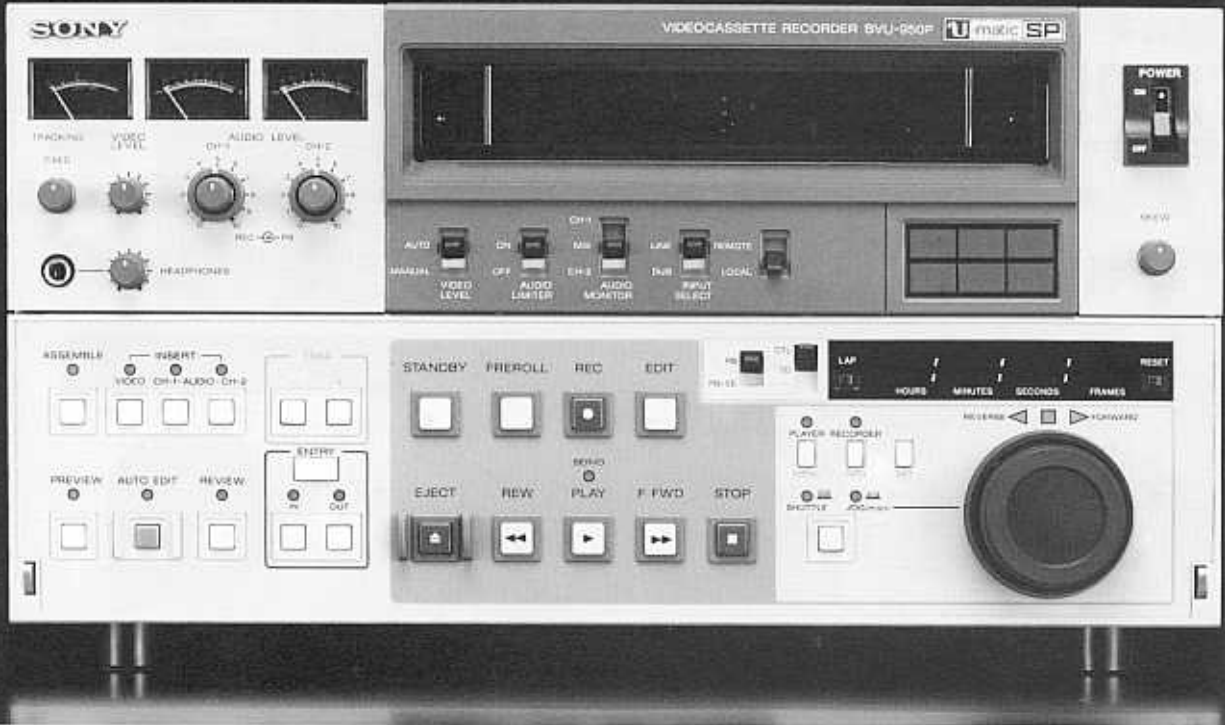


BVU-950P



BUVU-950P

GENERAL

Weight:	28 kg (61.7 lb) (excluding projection parts)
Dimensions:	424(W) × 237(H) × 552(D)mm (16.7 × 9.3 × 21.7") (excluding projecting parts)
Power requirements:	AC 90 ~ 264V, 48 to 64 Hz
Power consumption:	160W (with the BKU-903 and BKU-905 installed)
Operating temperature:	5°C to 40°C (41°F to 104°F)
Storage temperature:	-20°C to 60°C (-4°F to 140°F)
Videocassette:	Sony KSP, KSP-S, KCA-BRK, KCA-K, KCS-K, KCA-BRS, KCS-BRS, KCA-XBR, KCS-XBR series or equivalent
Tape speed:	9.53cm/sec.
Recording and playback time:	60 min. (with Sony KSP-60 U-matic videocassettes)
Fast forward time:	Less than 3 min. (with Sony KSP-60 U-matic videocassettes)
Rewind time:	Less than 2 min. 30 sec. (with Sony KSP-60 U-matic videocassettes)
Search speed:	SHUTTLE Mode: STILL, $\frac{1}{30}$, $\frac{1}{10}$, $\frac{1}{5}$, $\frac{1}{2}$, 1, 2, 5 and 10 times normal speed in the forward and reverse directions JOG mode: STILL to normal speed in the forward and reverse directions

VIDEO

Video recording system:	Luminance: FM Chrominance: SC low-range conversion
Input:	PAL composite video, 1.0Vp-p ± 0.3V, sync negative, 75 ohms, unbalanced (with one loop-through output)
Output:	PAL composite video, 1.0Vp-p ± 0.2V sync negative, 75 ohms, unbalanced
Dubbing input:	Luminance: 0.5Vp-p ± 0.2V, sync negative, 75 ohms ± 10% Chrominance: 0.5Vp-p ± 0.1V, 75 ohms ± 10%
Dubbing output:	Luminance: 0.5 Vp-p ± 0.1V, sync negative, 75 ohms ± 10% Chrominance: 0.5Vp-p ± 0.1V, 75 ohms ± 10%
Horizontal resolution:	SP mode: 300 lines (color/monochrome) Conventional mode: 260 lines (color/ monochrome)
S/N ratio:	SP mode: Better than 46dB (color) Better than 49dB (monochrome) Conventional mode: Better than 46dB (color)
K-factor (2T pulse):	Less than 3% (SP mode)
DG:	Less than 3% (SP mode)
DP:	Less than 3° (SP mode)
Y/C delay:	Less than 25ns (SP mode)

TIME CODE

Input:	0dB ± 6dB, 10K ohms, unbalanced (0dB = 1.55Vp-p pulse)
Output:	0dB ± 3dB, low impedance, unbalanced (0dB = 1.55Vp-p pulse)

AUDIO

Input:	LINE (HIGH): +4dB, 10K ohms/600 ohms, balanced MIC (LOW): -60dB, 3K ohms, balanced
Output:	LINE: +4dBm, 600 ohms load, balanced HEADPHONE: -46dBs ~ -26dBs, 8 ohms load, binaural, unbalanced MONITOR: +4dBm, 600 ohms load, balanced
Distortion:	Less than 2.0% (1kHz reference level)
Frequency response:	SP mode: 50Hz ~ 15KHz ± 3dB Conventional mode: 50Hz ~ 15KHz ± 4dB ± 0.18% DIN
Wow and flutter:	SP mode: Better than 52dB (at 3% distortion level, without the Dolby NR)
S/N ratio:	Conventional mode: Better than 50dB (at 3% distortion level)

REF VIDEO IN	1.0Vp-p ± 0.2V (VBS) or 0.3Vp-p/0.3Vp-p (BS), negative, 75 ohms, unbalanced (with one loop-through output, with the BKU-903)
EXT SYNC IN:	0.2Vp-p to 5.0Vp-p, negative, 75 ohms, unbalanced (with one loop-through output, without the BKU-903)
REF VIDEO OUT	1.0Vp-p ± 0.2V (VBS) or 0.3Vp-p/0.3Vp-p (BS), negative, 75 ohms, unbalanced (with the BKU-903)
RF OUTPUT (OFF TAPE): SUPPLIED ACCESSORIES	0.5Vp-p, 75 ohms, unbalanced AC power cord (1) Dubbing cable VDC-5 (5m) (1) Remote control cable (9-pin - 9-pin) RCC-5G (1) Extension board (small/large) (2) Operation and maintenance manual (1)

BKU-903

GENERAL

Connection:	Plug-in type, only for the BUVU-950P
Power consumption:	20W
Dimensions:	1 board; 420(W) × 205(H) × 25(D)mm (16.5 × 8.1 × 1")
Weight:	Approx. 950 g (2.1 lb)

VIDEO

Bandwidth:	5.0MHz ± 0.5dB, 6.0MHz - 3dB
S/N ratio:	55dB
K factor (2T pulse):	1%
DG:	2%
DP:	2°
Correction range:	31Hp-p
Residual error:	Color: ± 2.5 ns; monochrome; ± 15 ns

CONTROL

Video output level:	± 3.0dB
Chroma output level:	± 3.0dB
Black level:	0 to 0.11V
Burst/chroma phase:	± 15°
System H phase:	-1.0μs to +3.0μs
System SC phase:	360°


SUPPLIED ACCESSORIES

Remote control unit BVR-50P (1)
Remote control cable (5m) (1)
19" Rack mount kit (1)
Operation and maintenance manual (1)

BKU-905

Connection:	Plug-in type, only for the BUVU-950/950P
Power consumption:	1.3 W
Dimensions:	180(W) × 260(H) × 20(D)mm (7.1 × 10.2 × 0.8")
Weight:	350 g (0.77 lb)
Time code:	SMPTE/EBU
SUPPLIED ACCESSORIES	Control panel (1) Operation and maintenance manual (1)

Design and specifications subject to change without notice.

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