

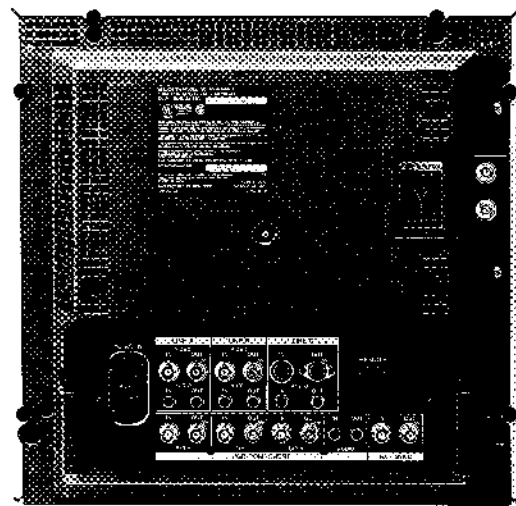
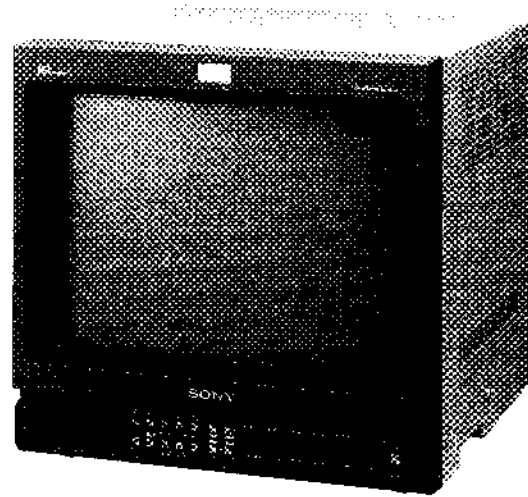
BVM-14M4DE (PAL)

14-inch colour monitor

- HR Trinitron assures a high resolution of 800 TV lines
- EBU standard phosphors
- Auto chroma/phase set-up
- Stabalized colour temperature obtained with a beam current feedback circuit
- 270Mb/s component serial digital interface (video) terminal as standard
- Component (Y/R-Y/B-Y or RGB), Y/C and composite video inputs
- Aspect ratio is switchable between 4:3 and 16:9
- On-screen menu in five languages for set-up and adjustment
- RS-422 serial remote control capability with optional interface board BKM-103
- Remote/tally input
- Colour temperature D65/D93/User preset (3200K to 10000K)
- Mountable into a 19-inch EIA standard rack with the optional MB-502B and SLR-102

See Optional Accessories on page 229.

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Specifications

		BVM-14M4DE	
General	System	PAL/NTSC/SECAM/NTSC4.41 automatically selected	
	Power requirements	AC 100 to 240 V, 50/60 Hz	
	Power consumption	Max. 99 W	
	Dimensions	346(W) × 340(H) × 431(D) mm (13 5/8 × 13 1/2 × 17 inches)	
CRT performance	Mass	17.7 kg (39 lb)	
	CRT type	14-inch HR Trinitron CRT with EBU phosphor, 90° deflection, AG pitch: 0.25 mm, Center resolution: 800 TV lines	
	Color temperature	D65/D93/User preset (3200K to 10000K) (Factory preset 6500K)	
	Normal scan	4:3 aspect ratio, blanked raster < 7 %, raster size has internal adjustment	
Raster and Picture performance	Under scan	4:3 aspect ratio, approx. -5 %, picture blanking boundaries displayed	
	Stability of raster size	H: 1.0 % V: 1.5 %	
	Linearity of centre H&V lines	H: Less than 4 %, V: Less than 4 %	
	Convergence	0.4 mm within circle centered on the screen with a diameter equal to vertical height, 0.5 mm at any other point	
Input performance	Video	Loop-through BNC 1 Vp-p ±6 dB, sync negative 75 Ω termination*1	
	Y/C	Loop-through Mini DIN 4-pin Y: 1 Vp-p ±6 dB, sync negative, C (NTSC): 0.286 Vp-p +6 dB, C (PAL): 0.3 Vp-p ±6 dB, Automatic 75 Ω termination*1	
	Analog component (RGB/Y/R-Y/B-Y)	G/Y	BNC 0.7 Vp-p non-composite or 1 Vp-p +6 dB composite, sync negative, Automatic 75 Ω termination*1
		R/B/R-Y/B-Y	BNC, 0.7 Vp-p ±6 dB non-composite, 75 Ω
	Component serial digital	Active through BNC 270 Mb/s, 10-bit sample	
	EXT SYNC	Loop-through BNC 4.0 Vp-p ±6 dB, negative, Automatic 75 Ω termination*1	
	Frequency response	RGB: 10 MHz ±3 dB, Component: 10MHz ±3 dB (Y signal), Composite: 10 MHz ±3 dB (Y signal), Y/C: 10 MHz ±3 dB (Y signal)	
	Aperature correction	Adjustable continuously up to 6 dB boost at 4.5 MHz	
SDI performance	Speaker out	0.8 W, monaural	
	Digital video	Quantization	10 bit/sample
		Signal system	525/60 or 625/50, automatic selection
		Sampling frequency	Y: 13.5 MHz, R-Y/B-Y: 6.75 MHz
		Bit rate	270 Mb/s
	Video bandwidth	Y: 100 Hz to 5.75 MHz -3 dB to 1 dB (at low passfilter out) R-Y/B-Y: 100 Hz to 2.75 MHz -3 dB to 1 dB	