

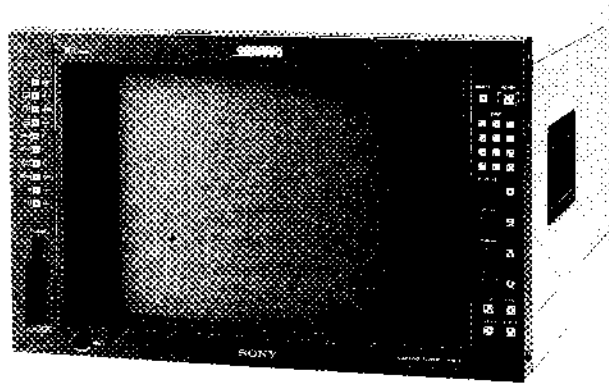
BVM-14F5U (NTSC) /14F5E/A (PAL)

14-inch (13-inch*) color monitor

- HR Trinitron assures a high resolution of 800 TV lines
- SMPTE-C and EBU standard phosphors
- Built-in auto set-up system for chroma, phase, and white balance
- Precise color temperature adjustment is possible with a color analyzer via RS-232C interface
- Stabilized color temperature obtained with a beam current feedback circuit
- Component (Y/R-Y/B-Y)/RGB input facility available
- Accepts various signals by inserting optional input boards directly into the rear panel (equipped with 4 open slots)
- Number of inputs expandable with optional input expansion boards:
 - 24 composite inputs or
 - 12 SDI or
 - 9 component or
 - 8 Y/C inputs

(Types and numbers of inputs depend on option boards used.)

- Aspect ratio is switchable between 4:3 and 16:9, 16:9 bezel is available as an option
- Serial or parallel remote control capability
- Memory card BKM-12Y available as an option for easy monitor set-up
- Supported by the Sony Interactive Status Reporting (ISR) system



See Optional Accessories on page 228.

* viewable area, measured diagonally

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Specifications

		BVM-14F5U	BVM-14F5E/A
General	System	525 lines 60 fields NTSC	625 lines 50 fields PAL
	Power requirements	AC 100 to 240 V \pm 10 %	
	Power consumption	Max. 175 W	
	Dimensions	482(W) \times 280(H) \times 530(D) mm (19 \times 11 $\frac{1}{8}$ \times 20 $\frac{7}{8}$ inches)	
	Mass	26 kg (57 lb)	
CRT performance	CRT type	HR Trinitron, AG pitch: 0.25 mm, Center resolution: 800 TV lines	
	Screen size	Diagonal: 33.2 cm (13 $\frac{1}{8}$ inches), Width: 26.8 cm (10 $\frac{5}{8}$ inches), Height: 20.1 cm (8 inches)	
	Color temperature	PRESET: Factory adjusted for 6500K white, MANUAL control is also available, which allows alternative setting of color temperature	
	Preset brightness	100 cd/m ² (30 ft-L) (When a 1 Vp-p 100 % white signal is input)	
Raster and Picture performance	Normal scan	4:3 aspect ratio, Blanked raster \leq +5 %, Raster size has internal adjustment	
	Under scan	4:3 aspect ratio, Approx. -3 %, Picture and blanking boundaries displayed	
	Stability of raster size	1 % of picture height for a 10 to 90 % APL change when 100 % peak level white set to 100 cd/m ² (30 ft-L) brightness	
	Linearity of center H & V lines	0.5 % of the picture height	
	Geometry (all over screen)	1 % of the picture height	
	Convergence	0.3 mm within circle centered on screen and with a diameter equal to vertical height, 0.6 mm at any other point	
Input performance	RGB	R/B	Loop-through BNC, 0.7 Vp-p \pm 6 dB, high impedance
		G	Loop-through BNC, 1.0 Vp-p \pm 6 dB, sync negative, high impedance
	Component	Y	Loop-through BNC, 1.0 Vp-p \pm 6 dB, high impedance
		R-Y/B-Y	Loop-through BNC, 0.7 Vp-p \pm 6 dB, high impedance
	EXT SYNC	Loop-through BNC, 0.3 to 8 Vp-p negative, high impedance	
Return loss	More than 46 dB (7 MHz when 75 Ω terminated)		
Viewing conditions	Frequency response	100 Hz to 10 MHz \pm 1 dB	
	DC restoration	Back porch type, Back porch level: within 1 % of peak luminance, 10 % to 90 % APL	