

BVM-20G1U (NTSC) / 20G1E / 20G1A (PAL)

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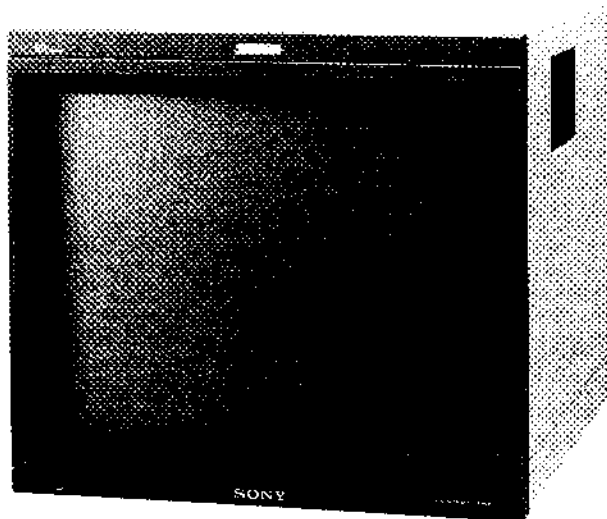
20-inch (19-inch*) color monitor

•Divided type with separate display and control unit •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 1 open slot) •Number of inputs expandable with optional input expansion boards:

- 6 composite inputs or
- 3 SDI or
- 3 component or
- 2 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

Specifications

		BVM-20G1U	BVM-20G1E/20G1A
General	System	525 lines 60 fields NTSC	625 lines 50 fields PAL
	Power requirements	AC 100 to 240 V ±10 %	
	Power consumption	Max. 140 W	
	Dimensions	444(W) × 414(H) × 570(D) mm (17 1/2 × 16 3/8 × 22 1/2 inches)	
Mass	37 kg (81 lb 9 oz)		
CRT	CRT type	HR Trinitron, AG pitch: 0.3 mm, Center resolution: 800 TV lines	
	Screen size	Diagonal: 482 mm (19 inches), Width: 386 mm (15 1/4 inches), Height: 291 mm (11 1/2 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 <+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	Less than 1 % of the picture height	
	Geometry (all over screen)	2 % of the picture height	
Convergence	0.5 mm within circle centered on screen and with a diameter equal to vertical height, 0.9 mm at any other point		
Input performance	RGB	R/B	Loop-through BNC, 0.7 Vp-p ±6 dB, high impedance
		G	Loop-through BNC, 1.0 Vp-p ±6 dB, sync negative, high impedance
	Component	Y	Loop-through BNC, 1.0 Vp-p ±6 dB, high impedance
		R-Y/B-Y	Loop-through BNC, 0.7 Vp-p ±6 dB, high impedance
	EXT SYNC	Loop-through BNC, 0.3 to 8 Vp-p negative, high impedance	
	Return loss	More than 46 dB (6 MHz when 75 Ω terminated)	
Frequency response	50 Hz to 7 MHz ±1 dB		
DC restoration	Back porch time: Back porch level: within 1 % of peak luminance, 10 % to 90 % APL		