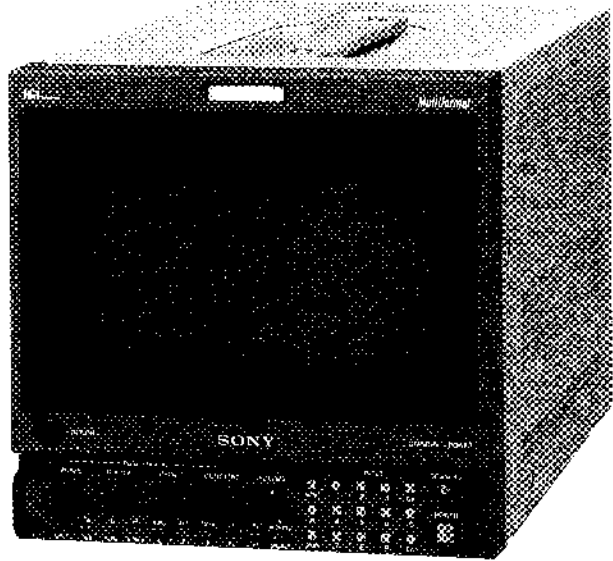


BVM-D9H5U(NTSC)/D9H5E/ D9H5A(PAL)

9-inch (8-inch*) color monitor

- HR Trinitron assures a high resolution of 450/340 TV lines (4:3/16:9 modes)
- Signals with the frequency range of 15.625 kHz to 45 kHz are acceptable with various configurations of optional BKM boards
- 3 optional BKM boards slots available
- Stabilized color temperature obtained with a beam current feedback circuit
- Built-in H/V delay, underscan, blue only, mono, 3 color tally functions
- Built-in YPbPr/GBR inputs
- Frequency response 48 Hz to 17 MHz
- Aspect ratio is switchable between 16:9 and 4:3 (both 16:9 and 4:3 masks supplied)
- 4:3 Area Marker to find the 4:3 area inside the 16:9 picture
- Parallel and serial remote control capability
- Mountable into a 19-inch EIA standard rack with the optional MB-520
- Audio capability and built-in speaker
- 3 alternative power source available: supplied AC power adaptor, external DC 12 V and optional lithium-ion battery BP-L60A and L90A
- Controlled with BKM-11R



See Optional Accessories on page 228.

* viewable area, measured diagonally

Specifications

		BVM-D9H5U/E/A	
General	Signal format	15.625 kHz to 45 kHz (For more details, please refer to the Acceptable Formats table on page 227.)	
	Type	Stand-alone monitor	
	Power requirements	100 V to 240 V AC \pm 10 %, 50/60 Hz	
	Power consumption (with Option board; Max.)	60 W (85 W)	
	Dimensions	217(W) \times 217(H) \times 417.9 (352.5)*1 (D)mm 8 5/8 \times 8 5/8 \times 16 1/2 (14) inches	
	Mass	approx. 9.3 kg (20 lb 7 oz), 10.1 kg (22 lb 4 oz)**	
	CRT	9-inch HR Trinitron	
	CRT type	9-inch HR Trinitron	
	AG pitch	0.25 mm, 70° deflection, ϕ 21.6 mm in-line gun	
	Visual screen (Viewable area, measured diagonally)	4:3 155.4(W) \times 115(H) mm, (190.7 mm) 16:9 155.4(W) \times 87.4(H) mm, (178 mm) 4:3 6 1/8 \times 4 3/8, (7 5/8) 16:9 6 1/8 \times 3 1/2, (7 1/8)	
Inputs/Outputs	Video	BNC \times 3, with loop-through (75 Ω auto terminated) 1.0 Vp-p \pm 6 dB, positive	
	GBR	1.0 Vp-p \pm 6 dB, high impedance	
	Y	0.7 Vp-p \pm 6 dB, high impedance	
	Pb/Pa	BNC \times 1, with loop-through (75 Ω auto terminated) 0.3 to 8.0 Vp-p, high impedance, tri-level bipolar sync	
	Ext sync	OPTION RS-232C for BKM-11R Mini DIN 8-pin	
	Remote	CONTROL UNIT Not Applicable	
	REMOTE 1 / Serial remote	RS-485 serial interface, D-sub 9-pin, with loop-through	
	REMOTE 2 / Parallel remote 1	D-sub 9-pin \times 1 (Short to ground)	
	Parallel remote 2	Modular connector 6-pin	
	ISR	Not Applicable	
Video signal performance	Differential gain (DG)	Within 5 % for luminance from 0 to 100 cd/m ²	
	Differential phase (DP)	Within 5° for luminance from 0 to 100 cd/m ²	
	Frequency response	48 Hz to 17 MHz +0 dB/-3 dB	
	DC restoration	Back porch type, back porch level: within 1 % of peak luminance, 10 to 90 % APL	
Timing	Retrace time	Horizontal	under 3.77 μ sec
	Vertical	under 650 μ sec	
Raster and picture performance	Normal scan	5 % over scan of the effective picture area	
	Under scan	3 % under scan of the effective picture area	
	Linearity	Less than 2.0 % within circle centered on the screen with a diameter equal to the vertical height	
	Color temperature	D65 / D93 / COL 1 / COL 2 (User adjustable)	
	Convergence	Less than 0.4 mm within circle centered on the screen with a diameter equal to the vertical height, 0.5 mm at any other point	
	Preset brightness	120 cd/m ² (35 fL) (when a 1.0 Vp-p 100% white signal is input)	
	Stability of raster size	1 % of picture height (at 120 cd/m ² peak luminescence, 10 to 90 % APL)	
	Scan delay	Horizontal	Approx. 1/4 line
	Vertical	Approx. 1/2 field	
	Center resolution	16:9 340 TV lines, 4:3 450 TV lines	
Operating conditions	Operating temperature	0 to 35 °C Optimum operating range 20 to 30 °C	
	Storage temperature	-10 to 40 °C	
	Humidity	30 to 85 % (no condensation)	