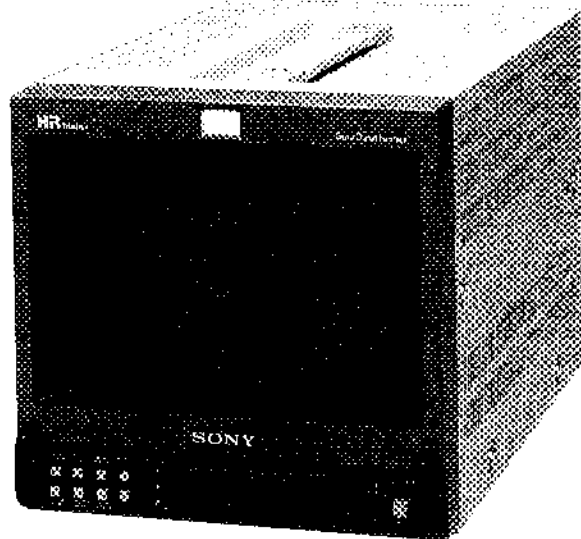


# BVM-8045QD (NTSC)/9045D (PAL)

## 8-inch (9-inch) Color Monitor

- Component serial digital interface terminal as standard
- Aspect ratio is selectable between 16:9 and 4:3 by the button on the front panel
- HR Trinitron CRT provides 450TV lines at center
- Stable color temperature from a beam current feedback circuit
- Component (Y/R-Y/ B-Y or analog RGB), LINE A (composite video or Y/C), LINE B (composite video) inputs
- NTSC comb filter
- Accepts external sync and sync on Green
- Tally input
- Color temperature D65
- Blue only, H/V delay, Underscan capability
- AC/DC (XLR-4pin) operation capability
- Front panel degauss button
- 19-inch EIA standard rack mountable with a second BVM-8045QD/9045D or an optional blank panel MB-509 by using the optional MB-507 rack mounting bracket
- Wired remote control capability

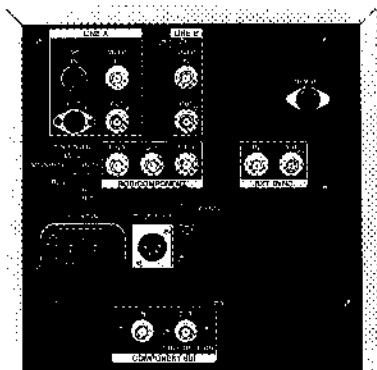
Supplied accessories: AC power cord  
 Mini DIN 8-pin connector (350mm, 13 7/8 inches)  
 Tally number plates  
 Operation manual



See Optional Accessories on page 229.

### Battery Adaptor DC-L10

- Attaches a rechargeable Lithium-Ion Battery Pack BP-L60A or BP-L90A to a PVM-8045QD/9045D with this adaptor.
- Retractable handle
- Easily detachable upper part of adaptor bracket



## Specifications

		BVM-8045QD	BVM-9045D
General	System	NTSC/PAL/SECAM/NTSC <sup>4,5</sup> automatically selected	
	Power requirements	AC 100 to 240 V, 50/60 Hz DC 12 V (XLR 4-pin)	
	Power consumption	AC: 48 W, DC: 44 W	AC: 45 W, DC: 42 W
	Dimensions	217(W) × 217(H) × 352.5(D) mm (8 <sup>5</sup> / <sub>8</sub> × 8 <sup>7</sup> / <sub>8</sub> × 14 inches)	
	Mass	8.5 kg (18 lb 1 oz)	
CRT performance	CRT type	9-inch HR Trinitron CRT, 70° deflection, AG pitch: 0.25 mm, Center resolution: 450 TV lines	
	Color temperature	D65	
Range and Picture performance	Normal scan	4:3 aspect ratio, Blanked raster < 6 %, Raster size has internal adjustment	
	Under scan	4:3 aspect ratio, Approx. -3 %, Picture blanking boundaries displayed	
	Stability of raster size	H: 1 % V: 1.5 %	
	Linearity	Less than 2 % of the picture height	
	Convergence	0.43 mm within circle centered on the screen and with a diameter equal to vertical height, 0.53 mm at any other point	
Input performance	Video	Loop-through BNC ±6 dB composite, sync negative 75 Ω termination*	
	Y/C	Loop-through Mini DIN 4-pin Y: 1Vp-p ±6 dB, sync negative C (PAL): 0.3 Vp-p ±6 dB, C (NTSC): 0.286 Vp-p ±6 dB, Automatic 75 Ω termination*	
	Component	Y	Loop-through BNC 1 Vp-p ±6 dB sync negative, 75 Ω
		R-Y, B-Y	Loop-through BNC 0.7 Vp-p ±6 dB positive, 75 Ω
	Analog RGB	G	Loop-through BNC 1 Vp-p ±6 dB sync on green, 75 Ω
		R, B	Loop-through BNC 0.7 Vp-p ±6 dB positive, 75 Ω
	Component serial digital	Active through BNC 270 Mb/s, 10-bit sample	
	EXT SYNC	Loop-through BNC 4 Vp-p ±6 dB negative, Automatic 75 Ω termination*	
	Remote Input	8-pin mini DIN connector	
	Frequency response	RGB: 6 MHz -3 dB, Component: 6 MHz -3 dB (Y signal), Composite: 6 MHz -3 dB (Y signal), Y/C: 6 MHz -3 dB (Y signal)	
	Aperature correction	Adjustable continuously up to 6 dB boost at 3.0 MHz	
SDI performance	Digital video	10-bit sample	
		Quantization	525/60 or 625/50, automatic selection
		Signal system	Y: 19.5 MHz, R-Y/B-Y: 6.75 MHz
		Sampling frequency	CCIR Recommendation 656-III, 270Mb/s
		Bit rate	Y: 100 Hz to 5.75 MHz -3 dB to 1 dB R-Y/B-Y: 100 Hz to 2.75 MHz -3 dB to 1 dB (at low passfilter out)
	Video bandwidth		