

Offered as a new addition to the Sony PVM-L series, the PVM-9L3 is an affordable 9-inch CRT (8 inches viewable area measured diagonally) monitor incorporating a Sony HR Trinitron® CRT.

With its compact design, excellent picture performance, full range of operational functions, and high level of portability, the PVM-9L3 is designed to meet the demands of high-grade picture monitoring in a variety of program-production applications.



FEATURES

High Resolution

Thanks to the Sony HR Trinitron CRT, the PVM-9L3 achieves a remarkable horizontal resolution of 450 TV lines for precise and sharp image reproduction.

A Wide Variety of Optional Input Adapters

The PVM-9L3 is designed to accommodate a variety of optional input adapters. Four optional boards are available, allowing the PVM-9L3 to be configured to accept SDI, SDTI-CP, DV or analog component, in addition to the standard inputs for Y/C and composite signals.

Blue Only Mode

The Blue Only mode enables signal noise to be easily evaluated. It also allows the monitor's chroma and phase adjustments to be made easily using SMPTE type color bars*.

* NTSC only

High Quality Y/C Separation

When composite signals are input, Y/C separation is achieved using a high-grade digital comb filter to minimize the cross-color interference and dot crawl inherent to composite signals.

Assignable Parallel Remote Port (Modular 8-pin)

Allows parallel control for functions such as Line A, Line B, Option A, Option B, Tally, Underscan, 16:9, Ext Sync, Blue Only, and Degauss.

Portability

The PVM-9L3 is compatible with Sony BP series batteries for convenient DC operation. Weighing only 17 lb. 10 oz. (8 kg), it has an integrated carrying handle on its top surface. A monitor hood/connector protector kit for ENG use is available as an optional accessory*1. The PVM-9L3 can also be mounted in a 19-inch EIA standard rack*2.

*1 VF-508 Monitor ENG Kit.

*2 MB-520 Mounting Bracket, and MB-509 Mounting Panel.

OSD (On Screen Display)

The OSD menu is available in 7 languages (English, German, French, Italian, Spanish, Japanese, and Chinese). The factory-preset language is English. The OSD menu offers various picture settings and adjustments such as color temperature/balance, chroma/phase, etc.

Two Color Systems

The PVM-9L3 can display PAL or NTSC signals. The appropriate color system is selected automatically when a signal is input.

SPECIFICATIONS

General		
CRT	CRT type	9-inch HR Trinitron
	AG pitch	0.25 mm
	Phosphor	P-22
	Effective picture size (4:3)	159.5 (W) x 117.0 (H) mm 194.9 mm (measured diagonally)
Resolution (4:3/16:9)	450 TV lines	
Color system	PAL, NTSC	
Aperture correction	0 to 6 dB	
Frequency response	6.0 MHz +0 dB/-3 dB	
Synchronization	AFC time constant 1.0 ms	
Scanning frequency	15.734 kHz (NTSC), 15.625 kHz (PAL)	
Normal scan	7% overscan	
Underscan	5% underscan	
Linearity	Horizontal	Less than 4%
	Vertical	Less than 4%
Convergence	Center	0.4 mm (typical)
	Peripheral area	0.5 mm (typical)
Raster size stability	Horizontal	1.0%
	Vertical	1.5%
HV regulation	3.0%	
Color temperature	D65/D93/User adjustable	
Power requirements	AC 100 to 240 V, 50/60 Hz	
Power consumption	AC:47 W, DC:38 W	
	AC:58 W, DC:48 W (with BKM-150CP)	
Dimensions (W x H x D)	Approx. 8 5/8 x 14 3/4 inches (217 x 218 x 373 mm)	
Weight	Approx. 17 lb 10 oz (8.0 kg)	

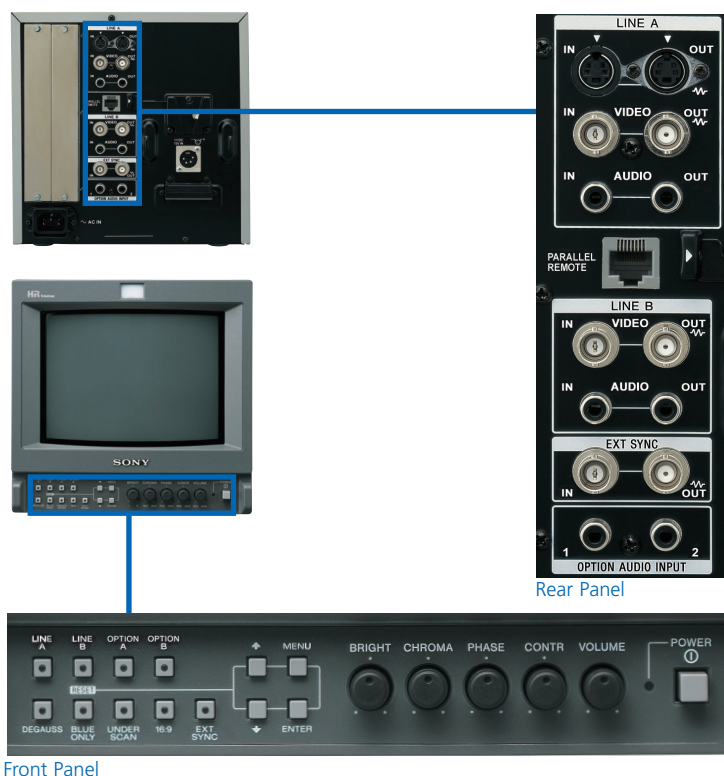
Input/Output		
Line A	Composite	BNC, Loop-through, automatic 75 Ω termination 1.0 Vp-p +3 dB/-6 dB, sync negative
	Y/C	Mini Din 4-pin, Loop-through, automatic 75 Ω termination Y: 1.0 Vp-p, sync negative C: 0.286 Vp-p (NTSC) / 0.3 Vp-p (PAL)
	Audio	Phono jack - 5 dBu, 47 k Ω or higher
Line B	Composite	BNC, Loop-through, automatic 75 Ω termination 1.0 Vp-p +3 dB/-6 dB, sync negative
	Audio	Phono jack - 5 dBu, 47 k Ω or higher
Ext. sync Input/Output	BNC, Loop-through, automatic 75 Ω termination, 4.0 Vp-p $\pm$ 6 dB, sync negative, usable tri-level sync signal 0.6 Vp-p $\pm$ 6 dB	
Option slot	1x	
	Audio	Phono jack x 2 - 5 dBu, 47 k Ω or higher
Remote	Parallel remote	Modular 8-pin (Assignable)
Speaker output	0.8 W (Distortion: Less than 5%)	
Regulation	UL1950, CSA No.950, EN60950, EN55103-1, EN55103-2, VCCI, FCC class A, IC class A, C-Tick, CE, JEITA, DHHS, DNHWS, CCC, KTL	
Operating conditions	Operating temperature	0 to +35° C (+32 to +95° F)
	Storage temperature	- 10 to +40° C (+14 to +104° F)
	Operating humidity	30 to 85% (No condensation)
	Storage humidity	0 to 90%

SUPPLIED ACCESSORIES

- AC Plug Holder
- Tally Number Plate (12)
- Operation Manual
- AC Cord

OPTIONAL ACCESSORIES

- BKM-120D SDI 4:2:2 Input Adaptor
- BKM-129X Analog Component Input Adaptor
- BKM-150CP SDTI-CP/SDI Input Adaptor
- BKM-155DV DV Input Adaptor
- MB-520 Mounting Bracket
- MB-509 Mounting Panel
- VF-508 Monitor ENG Kit



SONY®

Sony Electronics Inc.
1 Sony Drive
Park Ridge, NJ 07656
www.sony.com/displaysystems

©2004 Sony Electronics Inc. All rights reserved.
Reproduction in whole or in part without written permission is prohibited.
Features and specifications are subject to change without notice.
All non-metric weights and measurements are approximate.
Sony and Trinitron are trademarks of Sony.
All other trademarks are property of their respective owners.