

he new Sony
PVM-20N6U/PVM-14N6U and
PVM-20N5U/PVM-14N5U
color video monitors deliver high
quality performance along with
the convenience of operating
flexibility to a wide range of
business applications.

These monitors provide high resolution of 500 TV lines with a Sony Trinitron® CRT and stable color reproduction with beam current feedback circuitry. In addition, these monitors combine practical features such as

on-screen menus in multiple languages. The PVM N5 video monitors are ideal for general viewing; whereas the PVM N6 monitors include enhanced features such as 4:3/16:9 aspect ratio switching capability and RGB input terminals for optimum picture performance.

These monitors incorporate the picture quality, versatility and reliability you've come to expect from Sony's PVM Series monitors.



Features

- High resolution of 500 TV lines with a Sony Trinitron CRT
- Beam current feedback circuitry for color balance stability
- Loop-through Composite and Y/C video inputs
- Accepts NTSC, PAL, SECAM, NTSC4.43 signals
- 4:3 aspect ratio
- On-screen menus with a choice of five languages
- Built-in speaker
- Durable metal cabinetry
- One touch recall of last menu used (VOLUME, CONTRAST, BRIGHTNESS, CHROMA, and PHASE menus only)
- Mountable in a 19-inch EIA standard rack with the optional rack mounting bracket MB-502B (for 14-inch monitors) or slide rail kit SLR-103A (for 20-inch monitors)

The PVM-20N6U and PVM-14N6U include the above features plus:

- RGB Input
- •4:3/16:9 switchable aspect ratio
- •Input channel selected via Remote terminal (Phono)



Menu 1



Language menu



Specifications

	20-inch monitors	14-inch monitors
System	NTSC, PAL, SECAM, NTSC	1.43 (automatically selected)
Power requirements	AC 100 to 240 V, 50/60 Hz (UL approved for 120 V operation)	
Power consumption	100 W	80 W
Dimensions mm	449 (W) x 441 (H) x 502 (D)	346 (W) x 340 (H) x 414 (D)
inches	17 11/16 x 17 3/8 x 19 3/4	13 5/8 x 13 3/8 x 16 5/16
Screen size		
(Viewable area,	482 mm	332 mm
measured diagonally)	(19 inches)	(13 ½ inches)
Mass	28 kg (61 lb 11 oz)	15 kg (33 lb 1 oz)

CRT performance		
CRT type	Trinitron CRT with P-22 phosphors	
Center resolution	500 TV lines	
Color temperature	D65	

Picture performance		
Normal scan	7% overscan	
Linearity	H: less than 8% (typical); V: less than 7% (typical)	

Input performance		
Video		
Line A ⁻¹	Composite	Loop-through BNC
		1.0 Vp-p +3/-6 dB, sync negative,
		Automatic 75 Ω termination*2
	Y/C	Loop-through 4-pin mini DIN
		Y: 1.0 Vp-p +3/-6 dB, sync negative,
		Automatic 75 Ω termination*2
		C: 0.286 Vp-p (NTSC) or 0.3 Vp-p (PAL),
		Automatic 75 Ω termination ²

Line B ⁻¹ Composite	BNC	
	1.0 Vp-p $^{+3}/_{-6}$ dB, sync negative, 75 Ω	
Y/C	4-pin mini DIN	
	Y: 1.0 Vp-p $^{+3}/_{-6}$ dB, sync negative, 75 Ω	
	C: 0.286 Vp-p (NTSC) or 0.3 Vp-p (PAL), 75 Ω	
RGB/Sync BNC		
(for PVM-20N6U	0.7 Vp-p +3/-6 dB, Sync on green: 0.3 Vp-p,	
and PVM-14N6U)	negative, Automatic 75 Ω termination	
	Ext Sync: 4.0 Vp-p +3/-6 dB, sync negative	
Frequency response	6 MHz ± 3 dB	
Audio		
Line A	Loop-through Phono	
	-5 dBu, high impedance, more than 47 k Ω	
Line B	Phono	
	-5 dBu, high impedance, more than 47 $k\Omega$	
RGB/Sync	Phono	
(for PVM-20N6U	-5 dBu, high impedance, more than 47 k Ω	
and PVM-14N6U)		
Remote	Phono	
(for PVM-20N6U	Open: Currently selected input signal	
and PVM-14N6U)	Low State (GND): Input signal selected prior to the	
	current input signal	

Optional accessories			
	Rack mounting bracket kit MB-502B		
	Slide rail kit SLR-102 (used with the MB-502B)		
	Slide rail kit SLR-103A		

Regulation compliance

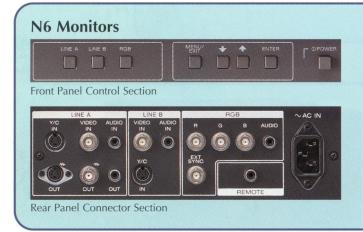
UL 1950, CSA 950 (cUL), DHHS, DNHW, FCC Class A, IC Class A

0~dBu=0.775~Vrms

N5 Monitors

 $\ensuremath{^{^{\circ}_{\! 1}}}$ The Y/C input has priority over the Composite video input.

 $^{^{2}}$ 75 Ω termination is automatically set to OFF when a connection is made to the OUT connector.







Rear Panel Connector Section

Sony Electronics Inc.

Broadcast and Professional Group 1 Sony Drive Park Ridge, NJ 07656 www.sony.com/professional

Printed in U.S.A.