

SONY[®]

PAL/NTSC/SECAM/NTSC_{4.43}

Colour Video Monitor

PVM-20N6E/14N6E

PVM-20N6A/14N6A

PVM-20N5E/14N5E

PVM-20N5A/14N5A



This range of Sony PVM 14-inch and 20-inch video monitors provides the combination of superb performance and ease of operation that makes it the natural choice for a wide range of video monitoring applications in the business environment.

All the models in this range feature a Sony Trinitron® CRT to provide outstanding picture quality with a resolution of 500 TV lines and beam current feedback circuitry for stable colour reproduction. These monitors also include practical features, such as on-screen menus that are available from a choice of several languages.

This range includes two alternative types of 20-inch and 14-inch monitors. The PVM-20N5E/A and PVM-14N5E/A models are designed for simple viewing applications. The PVM-20N6E/A and PVM-14N6E/A have additional features, such as an RGB input and a switchable 4:3/16:9 display. These features have been included for applications that involve viewing different types of video signals.

Affordable, yet combining excellent performance and features, these 20 and 14-inch models in the Sony PVM Series are ideal for a broad range of viewing applications.



PVM-14N6E
PVM-14N6A



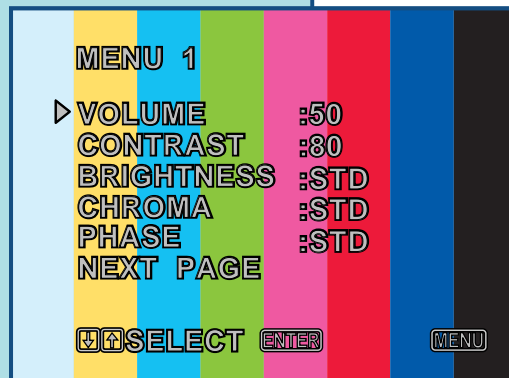
PVM-20N6E
PVM-20N6A

Features

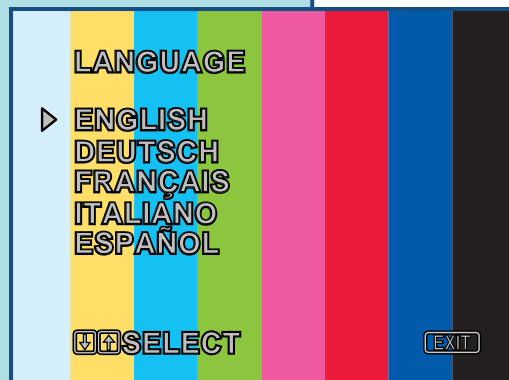
- High resolution of 500 TV lines with a Sony Trinitron CRT
- Beam current feedback circuit for colour balance stability
- Loop-through Composite and Y/C video inputs
- Accepts PAL, NTSC, SECAM, NTSC_{4.43} signals
- 4:3 aspect ratio
- On-screen menus for monitor adjustment in a choice of five languages
- 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 models) or slide rail kit SLR-103A (for 20-inch models)

The PVM N6 monitors 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



PVM-14N5E
PVM-14N5A



PVM-20N5E
PVM-20N5A

Specifications

General		
	20-inch monitors	14-inch monitors
System	PAL, NTSC, SECAM, NTSC4.43 (automatically selected)	
Power requirements	AC 100 to 240 V, 50/60 Hz	
Power consumption	105 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
Mass	28 kg (61 lb 11 oz)	15 kg (33 lb 1 oz)

CRT performance	
CRT type	Trinitron CRT with P-22 phosphors
Centre resolution	500 TV lines
Colour 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 $\pm 3/6$ dB, sync negative, Automatic 75 Ω termination ^{*2}
	Y/C	Loop-through 4-pin mini DIN Y: 1.0 Vp-p $\pm 3/6$ dB, sync negative, Automatic 75 Ω termination ^{*2} C: 0.3 Vp-p (PAL) or 0.286 Vp-p (NTSC), Automatic 75 Ω termination ^{*2}
Line B ^{*1}	Composite	BNC 1.0 Vp-p $\pm 3/6$ dB, sync negative, 75 Ω
	Y/C	4-pin mini DIN Y: 1.0 Vp-p $\pm 3/6$ dB, sync negative, 75 Ω C: 0.3 Vp-p (PAL) or 0.286 Vp-p (NTSC), 75 Ω

RGB/Sync (for PVM-20N6E/A and PVM-14N6E/A)	BNC 0.7 Vp-p $\pm 3/6$ dB, Sync on green: 0.3 Vp-p, negative, Automatic 75 Ω termination Ext Sync: 4.0 Vp-p $\pm 3/6$ 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 Ω
RGB/Sync (for PVM-20N6E/A and PVM-14N6E/A)	Phono -5 dBu, high impedance, more than 47 k Ω
Remote (for PVM-20N6E/A and PVM-14N6E/A)	Phono Open: Currently selected input signal 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	
	EN 60 950 (TÜV), PTB, CE (EN 55 022-Class B, EN 50 082-1/92.1, EN 61 000-3-2), C-Tick Mark

0 dBu = 0.775 Vrms

*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.

N6 Monitors



Front Panel Control Section



Rear Panel Connector Section

N5 Monitors



Front Panel Control Section



Rear Panel Connector Section

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