

**SONY**<sup>®</sup>

EIA/CCIR

Video Monitor  
**PVM-137/97**





# Black and white monitor with the quality performance

## Features

### Compatible with EIA and CCIR systems

Either EIA 525/60 or CCIR 625/50 system operation is automatically selected.

### High resolution CRT

Horizontal resolution of 1000TV lines for PVM-137 and 900TV lines for PVM-97 are achieved, enabling these monitors to present video signals clearly and accurately.

### Convenient operating functions

The PVM-137/97 are provided with convenient operating functions.

#### -Underscan

The entire active picture is displayed when the Underscan mode is selected.

#### -Tally lamp

Tally lamp is provided for system use.

### External sync

Accepting external sync signals, the monitors can be synchronized with other equipments.

### 2 channel inputs

Two composite inputs (Line A/B) are available.

### Built-in speaker

A built-in speaker (monaural) is incorporated in the PVM-137/97 for audio monitoring.

### 19-inch EIA standard rack mountable

#### PVM-137

An optional rack mounting bracket MB-502B and slide rail kit SLR-102 enable the PVM-137 to be mounted into a 19-inch EIA standard rack.

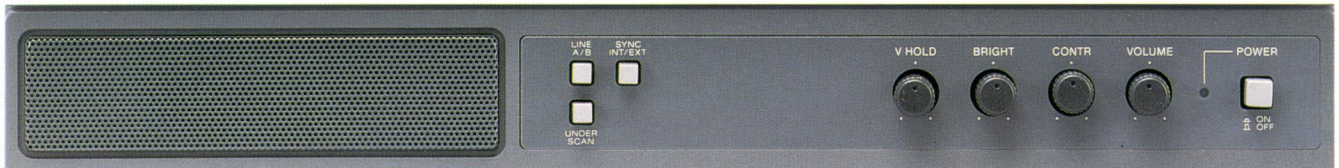
#### PVM-97

By using an optional rack mounting bracket MB-507, two PVM-97 can be mounted into a 19-inch EIA standard rack. If only one monitor is used, the empty space can be covered with an optional MB-509 blank panel.

### Metal cabinet

The metal cabinet minimizes signal interference.

### Front panel



PVM-137



PVM-97

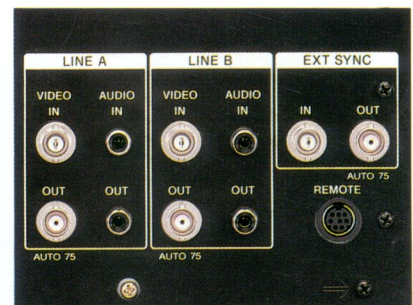
## Specifications

System:	EIA 525 lines/60 fields, CCIR 625 lines/50 fields (Automatic switching)	Horizontal linearity:	Less than 8%
Power requirements:	100 to 240V <sup>*1</sup> , 0.3 to 0.18A, 50/60Hz	Vertical linearity:	Less than 7%
Power consumption:	PVM-137: 30W max. PVM-97: 28W max.	Scan:	Normal 8% overscan Under 3% underscan
Dimensions:	PVM-137: 346(W) X 340(H) X 330(D)mm (13 5/8 X 13 1/2 X 13 inches)	Operating temperature:	0°C to 35°C (32°F to 95°F)
Mass:	PVM-97: 217(W) X 218(H) X 250(D)mm (8 5/8 X 8 5/8 X 9 7/8 inches)	Video inputs:	Loop-through BNC 1Vp-p, sync negative, Automatic 75Ω termination <sup>*2</sup>
Picture tube:	PVM-137: 34.8cm (14-inch), 32.1cm (13-inch) visible picture measured diagonally, 90° deflection	Audio inputs:	Loop-through Phono -5dBu, high impedance, monaural
	PVM-97: 23.7cm (9-inch), 21.7cm (9-inch) visible picture measured diagonally, 90° deflection	External sync input:	Loop-through BNC 1 to 4Vp-p negative, Automatic 75Ω termination <sup>*2</sup>
Horizontal resolution:	PVM-137: 1000TV lines at center PVM-97: 900TV lines at center	Audio power output:	0.5W
		Supplied accessories:	AC power cord AC plug holders Number plate (1 set) (PVM-137) Operation manual
		Optional accessories:	For PVM-137 Rack mounting bracket MB-502B Slide rail kit SLR-102 For PVM-97 Rack mounting bracket MB-507 Blank panel MB-509

<sup>\*1</sup> UL approved for 120V operation only.

<sup>\*2</sup> 75Ω termination is automatically set to OFF when connection is made to the OUT connector.  
odBu=0.775Vr.m.s.

### Rear panel



PVM-137/97

Design and specifications subject to change without notice.

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