

SONY

19" Trinitron® Color Video Monitor
PVM-1910Q

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Patented Trinitron color system

19" picture, measured diagonally

Accepts PAL, SECAM, NTSC, and NTSC 4.43 video signals

Accepts digital or analog RGB signals

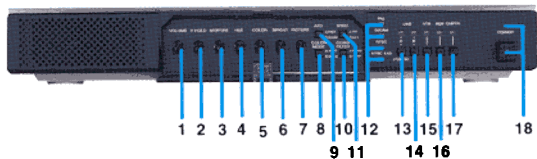
350 lines of horizontal resolution, via video inputs

Sleek styling fits in anywhere

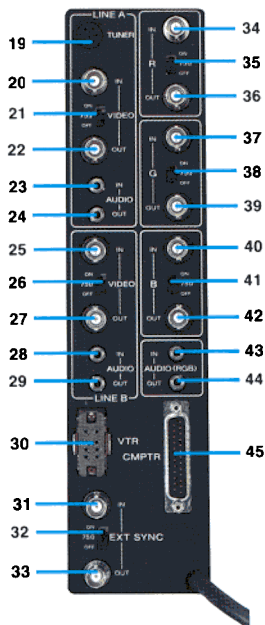


19" Trinitron® Color Video Monitor

PVM-1910Q



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|--|------------------------------|--------------------------------|
| 1 Volume Control | 36 Out Connector (R) | 41 75 Ohm Termination Switch |
| 2 Vertical Hold Control | 37 In Connector (G) | 42 Out Connector (B) |
| 3 Aperture Control | 38 75 Ohm Termination Switch | 43 Audio In Jack |
| 4 Hue Control | 39 Out Connector (G) | 44 Audio Out Jack |
| 5 Color Control | 40 In Connector (B) | 45 Computer Connector (25-pin) |
| 6 Brightness Control | | |
| 7 Picture Control | | |
| 8 Color Mode | | |
| 9 AFC Switch | | |
| 10 Comb Filter Switch | | |
| 11 Sync Select Switch | | |
| 12 Input Indicators | | |
| 13 Line A Input Selector & Indicator | | |
| 14 Line B Input Selector & Indicator | | |
| 15 VTR Input Selector & Indicator | | |
| 16 RGB Input Selector & Indicator | | |
| 17 Computer Input Selector & Indicator | | |
| 18 Power Switch & Indicator | | |
| 19 Tuner Connector | | |
| 20 Video In Connector (Line A) | | |
| 21 75 Ohm Termination Switch | | |
| 22 Video Out Connector (Line A) | | |
| 23 Audio In Jack | | |
| 24 Audio Out Jack | | |
| 25 Video In Connector (Line B) | | |
| 26 75 Ohm Termination Switch | | |
| 27 Video Out Connector (Line B) | | |
| 28 Audio In Jack | | |
| 29 Audio Out Jack | | |
| 30 VTR Connector (8-pin) | | |
| 31 Ext. Sync In Connector | | |
| 32 75 Ohm Termination Switch | | |
| 33 Ext. Sync Out Connector | | |
| 34 In Connector (R) | | |
| 35 75 Ohm Termination Switch | | |



Here's a beautiful video monitor that's equally at home in the editing suite or the executive suite. For outstanding versatility, the Sony PVM-1910Q is fully compatible with four different world TV standards (PAL, SECAM, NTSC, and NTSC 4.43), analog RGB, and digital RGB sources. The patented Trinitron tube gives you bright pictures with superbly accurate color rendition. And the comb filter maximizes picture detail.

Features

Trinitron color system: the patented one-gun/one-lens picture tube that won an Emmy Award for picture quality; features high geometric accuracy, high brightness, and minimum moire

Better than 350 lines horizontal resolution via video inputs, 440 H x 240 V dots via RGB inputs

Four video signal standards: automatic sensing and selection of PAL, SECAM, NTSC, and NTSC 4.43

Digital/Analog RGB inputs for computer*, Videotex, or Teletext graphic display; choice of 25-pin computer connector or separate BNC connectors for red, green, and blue

Built-in interface for IBM® PC* via optional SMF-500 cable; also compatible with Sony SMC-70, SMC-2000*; display center control adjusts left margin to suit many computers

Superimposes computer graphics with moving pictures using the SMC-70/7073 microcomputer and LDP-2000 laser video disc

Three sets of video inputs (A, B, and VTR) for flexibility

Loop-through outputs for video, audio, sync and RGB

6-pin input for optional Sony TU-1110 TV tuner

Choice of internal or external sync via front-panel switch

Switchable comb or trap filter; comb filter preserves the full luminance bandwidth to extract maximum picture detail

Switchable Automatic Frequency Control: FAST to compensate for incoming sync timing errors, SLOW to display errors

Switchable color temperature: choice of 9300°K for RGB displays or 6500°K for video

Underscan switch displays the full active picture area

Built-in speaker for audio monitoring

Sleek cosmetic design suitable for point-of-purchase displays, corporate board rooms, and more

Screen frame/shield removes for easy cleaning

Specifications

Color System: PAL, SECAM, NTSC, and NTSC 4.43, systems switched automatically

Picture Tube: Trinitron® tube, 19-inch picture measured diagonally, 100° deflection

Horizontal Resolution: More than 350 lines, video input; 440 H x 240 V dots, RGB input

Color Temperature: Switchable 6500°K or 9300°K

Frequency Response: 8 MHz, -3 dB RGB; 6 MHz, -3 dB composite video

Linearity: Horizontal +5%; Vertical +5%

Line Pull Range: Horizontal +500 Hz; Vertical 8 Hz

Overscan: 5%

Return Loss: 4 MHz, 35 dB (LINE A & B)

Zooming: Less than 2%

Convergence: Central area: 1 mm; Periphery: 1.3 mm

Brightness: More than 50 foot-Lamberts

Video Inputs: 8-pin VTR connector and Line A & B BNC connectors; 1.0 V (p-p) +6 dB, sync negative, 75 Ohms or high impedance (switchable)

Audio Inputs: 8-pin VTR connector and minijack; -5 dB, high impedance

Sync Input: BNC connector; 2.0-8.0 V p-p, negative, 75 Ohms or high impedance (switchable)

RGB Inputs: 3 BNC connectors; 0.7V (p-p) +6 dB non-composite; RGB audio mini jack -5 dB high impedance

Tuner Input: 6-pin DIN connector for optional TU-1110 TV tuner

Outputs: Video Out BNC connector; Audio Out minijack; Ext Sync out BNC connector; RGB out three BNC connectors; RGB audio out minijack

Power Requirements: 120V AC, 60 Hz

Power Consumption: 120 W max.

Dimensions (HxWxD): 18 1/4 x 19 1/4 x 21 1/4" (463x486x539 mm)

Weight: Approx. 63 lbs., 15 oz. (29 kg)

*Due to the constantly growing array of software and add-on hardware products and to the lack of standardization in the microcomputer industry, Sony cannot and does not represent that there will be compatibility in every instance between this monitor and those products to which the user may choose to connect it. Design and specifications are subject to change without notice. Sony and Trinitron are trademarks of Sony.

SONY®

Professional Video

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