

**JVC**  
**PROFESSIONAL**

17" COLOUR MONITOR

# TM-1750PN

Compact, High-Resolution  
Multi-Function Monitor



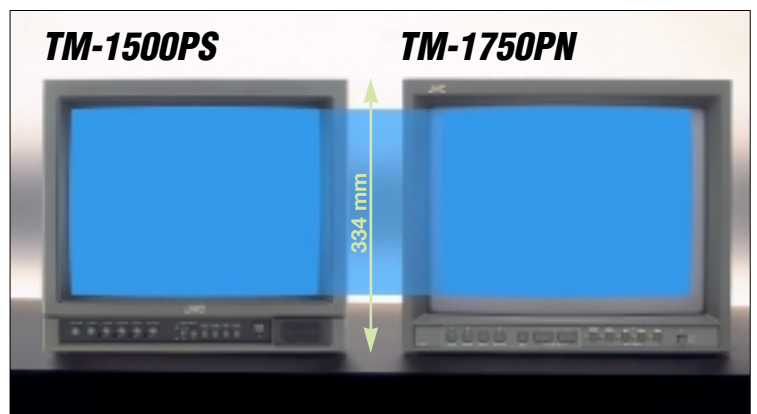
- 550 Lines of Horizontal Resolution
- 16:9/4:3 Selectable Aspect Ratio
- On-Screen Menu
- Wired Remote Control

- Big Screen, Small Cabinet Design
- Component/RGB Input Terminals
- Under Scan, Blue Check
- PAL/NTSC Compatible



# High-Resolution Fully-Featured Colour Monitor for Broadcast, Production and Editing Applications

With the new TM-1750PN high-resolution colour monitor JVC takes a brilliant idea and takes it a stage further. The TM-1750PN puts a big screen in a remarkably compact package, yet it features the comprehensive functions and excellent picture quality users need from a high-end professional model. The feature-rich TM-1750PN has a 1.5<sup>®</sup> Flat Square CRT with over 550 lines of horizontal resolution. It's remarkably easy to use with all major adjustments including Blue Check and Under Scan carried out simply and quickly using the on-screen menu. Flexibility is enhanced by a wide range of input terminals, which make the TM-1750PN ideal for broadcast, production, and editing applications.





features an auto-select switch. When activated it identifies the input signal and switches mode automatically.

### ■ Compact, Space-Saving Design

Packaged in a rugged metal cabinet, the elegant TM-1750PN has an innovative design which provides a monitor that is the same height as and only yet is just 30 mm wider than JVC's compact 15-inch model. That makes it easy to install when space is at a premium, while maintaining the picture quality that comes with a 17-inch, high-resolution display.

### ■ User-Selectable Aspect Ratio

The TM-1750PN offers users a choice of aspect ratios — 4:3 or 16:9. To switch from one to the other simply input your selection on the on-screen menu. The TM-1750PN then makes the necessary adjustments automatically.

### ■ Comprehensive Input Terminals

The TM-1750PN comes with all the input options required for professional applications. These include a Y/C input terminal (4-pin DIN) with bridged output for S-VHS signals, two composite input terminals (2-channel BNC), each with a bridge output, and RGB/Component input terminals with an on-screen switching capability.

### ■ 17-inch Monitor Delivers Crisp Colour Pictures

The TM-1750PN features JVC's 1.5<sup>®</sup> Flat Square CRT with precision in-line guns and a stripe pitch of 0.42 mm. Delivering 550 lines of horizontal resolution, the TM-1750PN provides crisp, accurately rendered colour pictures, which minimise viewer fatigue and open up a wide range of professional applications, whether in the broadcast studio or editing suite.

### ■ Multi-Standard Compatibility

The outstanding flexibility of the TM-1750PN is further enhanced by full multi-standard compatibility. Not only does the TM-1750PN process both PAL and NTSC signals, it also

### ■ Menu-Driven On-Screen Programming

Call up the on-screen menu and the user-friendly graphic interface guides you through parameter adjustments. It couldn't be easier, whether you choose the standard default set-up or customise the settings by fine-tuning Under Scan, Aspect Ratio, Colour Temperature, and Blue Check. Contrast, Brightness, Chroma and Phase can be quickly adjusted using the controls on the front panel, with levels displayed on the monitor.



### ■ Built-in Loudspeaker

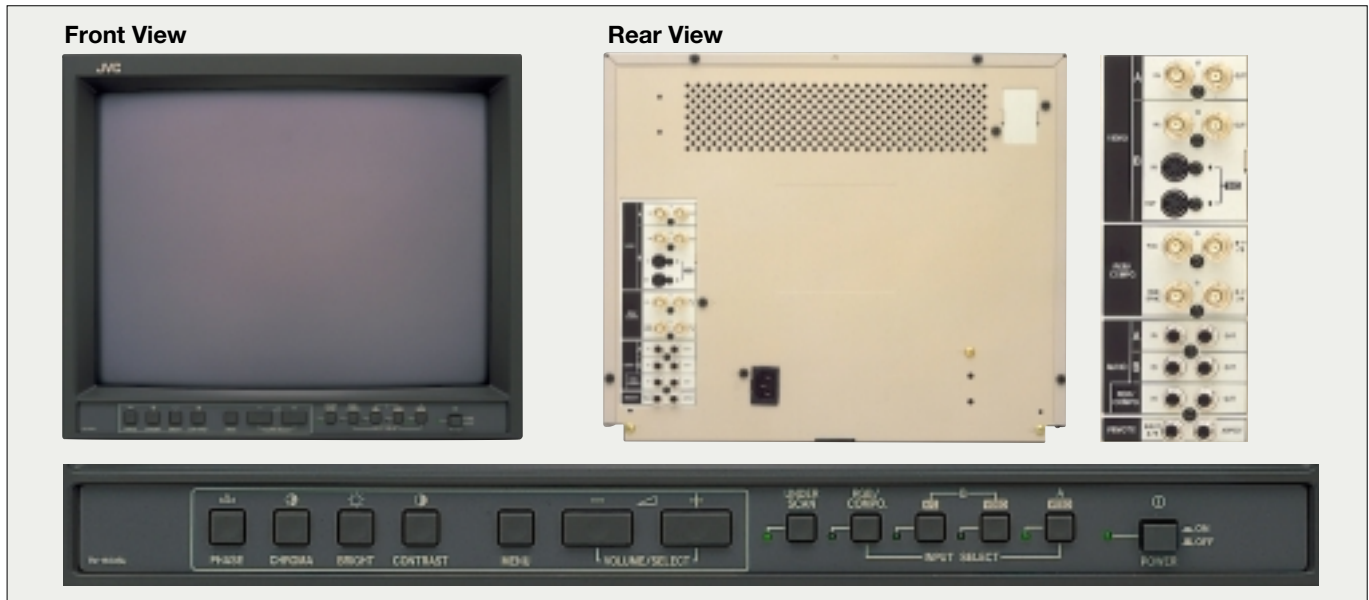
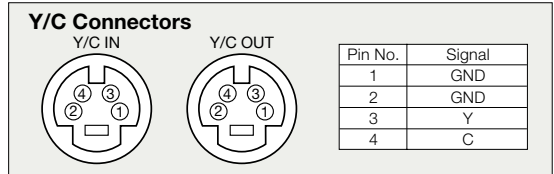
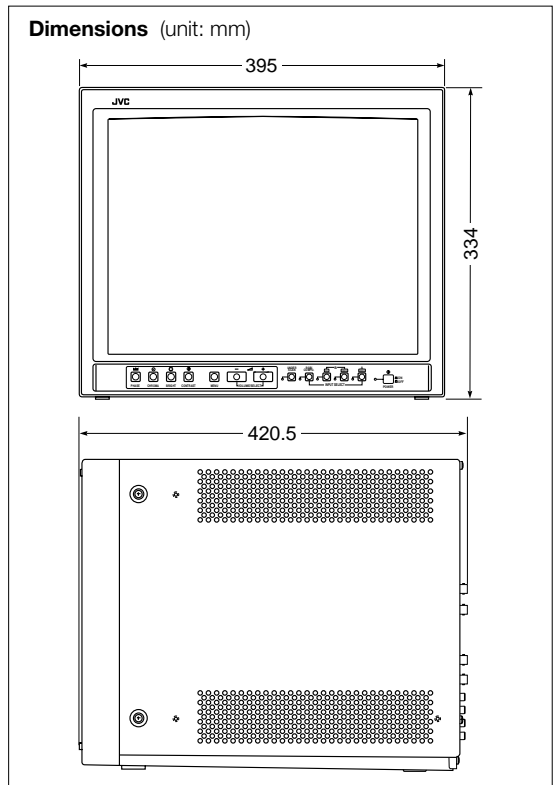
Users can monitor sound with the compact, built-in 8 cm loudspeaker, which delivers an output of 1 Watt.

### ■ Wired Remote Control Connector

The TM-1750PN is provided with an ergonomically designed remote control terminal (RCA phono), for selecting input channel A/B, as well as selecting aspect ratio.

# Specifications

Type	Colour Video Monitor
Colour System	PAL/NTSC
CRT	17" (diagonally measured), Stripe-trio pitch 0.42 mm
Scanning Frequency	H: 15.625 kHz (PAL)/15.734 kHz (NTSC) V: 50/60 Hz
Horizontal Resolution	more than 550 TV lines
Power Requirement	230 V AC, 50/60 Hz
Power Consumption	0.72A
Colour Temperature	6,500°K/9,300°K (selectable)
Input Terminals	
1) Input A: Composite Video	1.0 V (p-p), 75 ohms, negative sync., auto-termination, BNC × 2, bridged-output possible
2) Input B: Composite Video	1.0 V (p-p), 75 ohms, negative sync., auto-termination, BNC × 2, bridged-output possible
Y/C	Y: 1.0 V (p-p), 75 ohms, negative sync. C: 0.3 V (p-p), 75 ohms (PAL) 0.286 V (p-p), 75 ohms (NTSC) auto-termination, S 4-pin × 2, bridged-output possible
3) RGB/Component	
RGB	R: 0.7 V (p-p), 75 ohms G: 0.7 V (p-p), 75 ohms B: 0.7 V (p-p), 75 ohms RGB composite sync. 0.3-4 V (p-p), 75 ohms, negative sync. BNC × 4
Component	Y: 1.0 V (p-p), 75 ohms, negative sync. R-Y: 0.7 V (p-p), 75 ohms B-Y: 0.7 V (p-p), 75 ohms BNC × 3, common to RGB terminals
Audio Terminals	RCA pin × 6 for input A, B and RGB/Component, bridged output possible
Audio Speaker	8cm round × 1, 1W output
Remote Terminals	RCA pin × 2.1 for input select A/B, 1 for aspect select
Weight	17.2kg



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