

JVC[®]
PROFESSIONAL

16" COLOR MONITOR

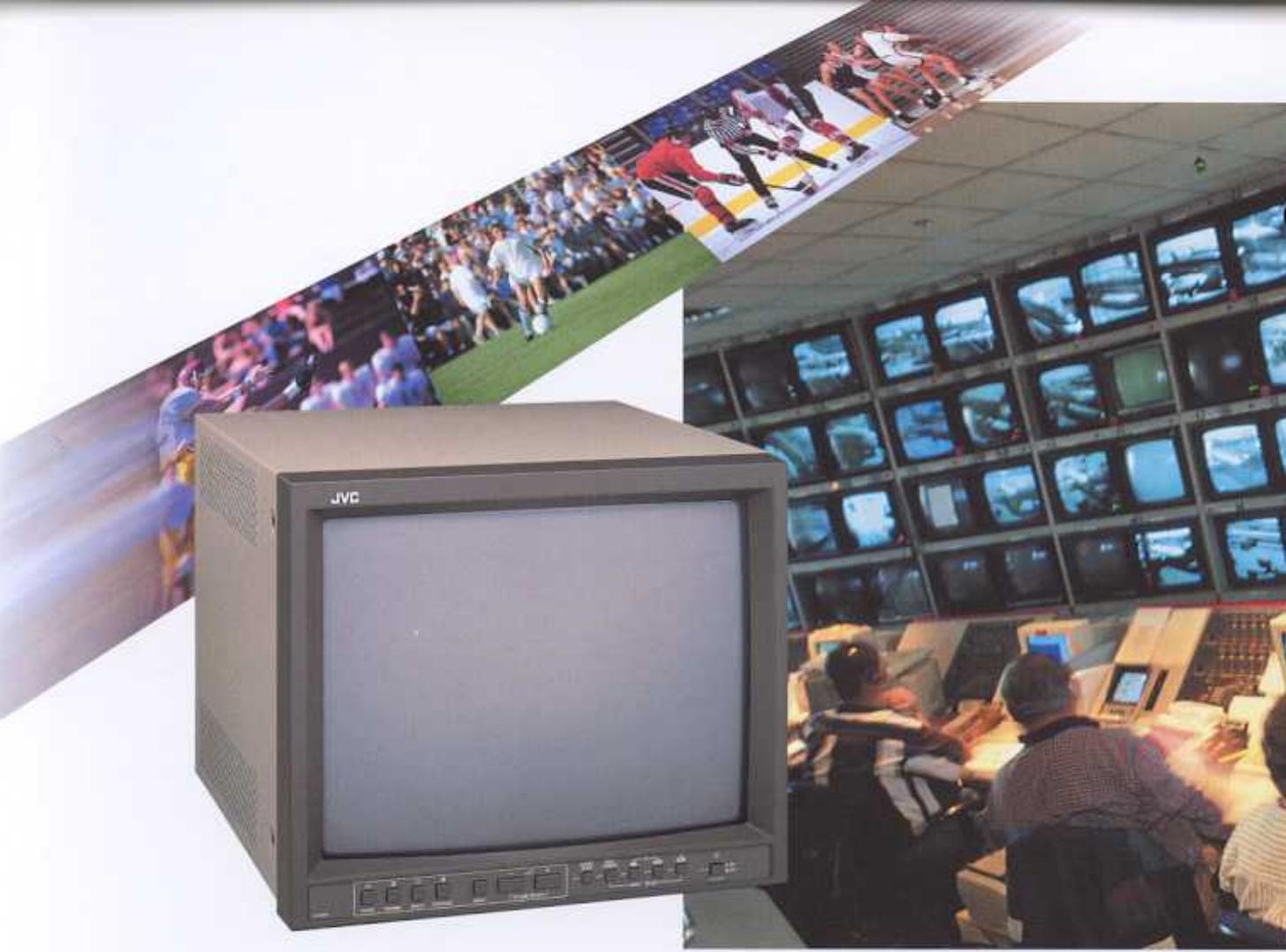
TM-1650SU

Compact, High-Resolution
Multi-Function Monitor



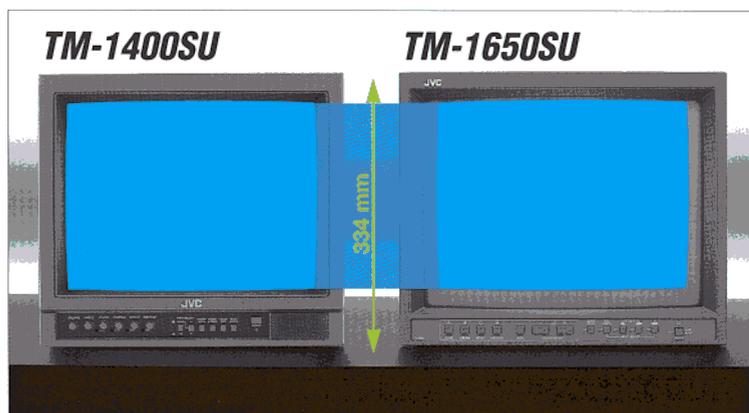
- 550 Lines of Horizontal Resolution
- 16:9/4:3 Selectable Aspect Ratio
- Big Screen, Small Cabinet Design
- Component/RGB Input

- Under Scan, Blue Check
- NTSC/PAL Compatible
- On-Screen Menu
- Wired Remote Control



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

With the new TM-1650SU high-resolution color monitor JVC takes a brilliant idea and takes it a step farther. The TM-1650SU 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-1650SU has a 1.5[®] Flat Square CRT with over 550 lines of horizontal resolution. It's also 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 inputs, which make the TM-1650SU ideal for broadcast, production, and editing applications.





features an auto-select switch — When activated the function identifies the input signal and switches mode without any action required of the user. Manual selection is also available which is very useful for monitoring noisy signals from an off-air or satellite source.

■ Compact, Space-Saving Design

Packaged in a rugged metal cabinet, the elegant TM-1650SU has an innovative design which provides a monitor that is the same height as JVC's compact 14-inch model and most manufacturer's 13-inch monitor, yet is just 1.2-inch wider. That translates into space savings together with the big picture that comes with a 16-inch, high-resolution display.

■ User-Selectable Aspect Ratio

The TM-1650SU 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-1650SU then makes the necessary adjustments.

■ Comprehensive Inputs

The TM-1650SU comes with all the input options required for professional applications. As well as a Y/C input (4-pin DIN) with bridged output, and two composite inputs (2-channel BNC), each with a bridge output, the TM-1650SU has RGB/Component inputs with an on-screen switching capability.

■ Menu-Driven On-Screen Programming

Call up the on-screen menu and the user-friendly screen guides you through parameter adjustments. It couldn't be easier, whether you choose the standard default set-up or customize the settings for Under Scan, Aspect Ratio, Color 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 3-³/₁₆-inch (8cm) loudspeaker, which delivers an output of 1 Watt.

■ Wired Remote Control Connector

The TM-1650SU is provided with a remote control connector (RCA phono), for selecting input channel, as well as selecting aspect ratio.

■ 16-inch Monitor Delivers Crisp Color Pictures

The TM-1650SU features JVC's 1.5[®] Flat Square CRT with precision in-line guns and a stripe pitch of 0.42 mm. Delivering 550 lines of horizontal resolution, the TM-1650SU provides crisp, accurately rendered color pictures, which minimize viewer fatigue and opens up a wide range of professional applications, whether in the broadcast studio or editing suite.

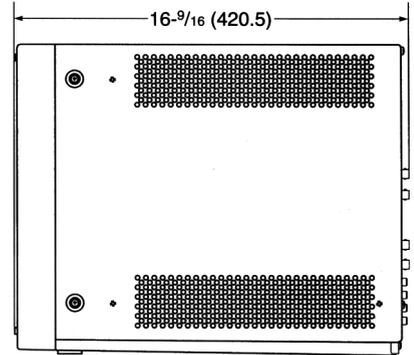
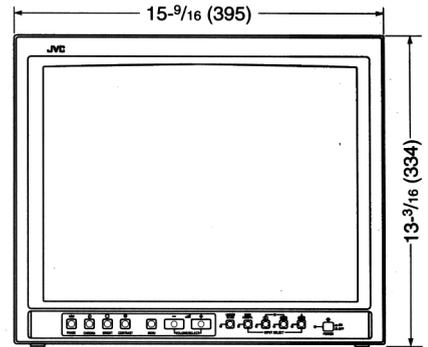
■ Multi-Standard Compatibility

The outstanding flexibility of the TM-1650SU is further enhanced by full multi-standard compatibility. Not only does the TM-1650SU display both NTSC and PAL signals, it also

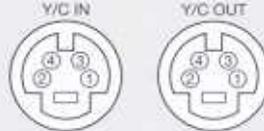
Specifications

Type	Color Video Monitor
Color System	NTSC/PAL
CRT	16" (diagonally measured), Stripe-trio pitch 0.42 mm
Scanning Frequency	H: 15.734 kHz (NTSC)/15.625 kHz (PAL) V: 50/60 Hz
Horizontal Resolution	more than 550 TV lines
Power Requirement	120 V AC, 50/60 Hz
Power Consumption	1.2A
Color 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	3- ³ / ₁₆ inches (8cm), round×1, 1W output
Remote Terminals	RCA pin×2.1 for input select A/B, 1 for aspect select
Weight	38 lbs. (17.2kg)

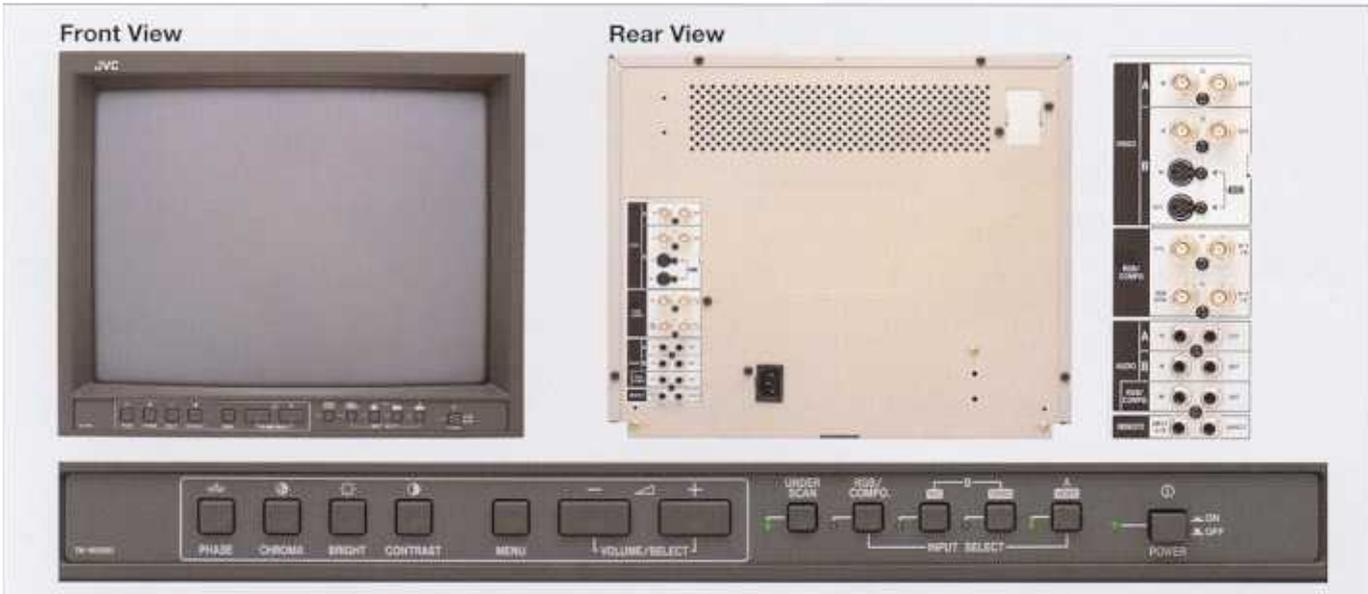
Dimensions unit: inches (mm)



Y/C Connectors



Pin No.	Signal
1	GND
2	GND
3	Y
4	C



E. & O.E. Design and specifications subject to change without notice.