

**JVC**<sup>®</sup>  
**PROFESSIONAL**

16" COLOR VIDEO MONITOR

# TM-1600SU

Compact, High-Resolution Multi-Standard  
Monitor with Y/C Input



- High-Resolution Pictures with 550 Horizontal Lines
- Same Vertical Installation Space as JVC's 14-inch Model

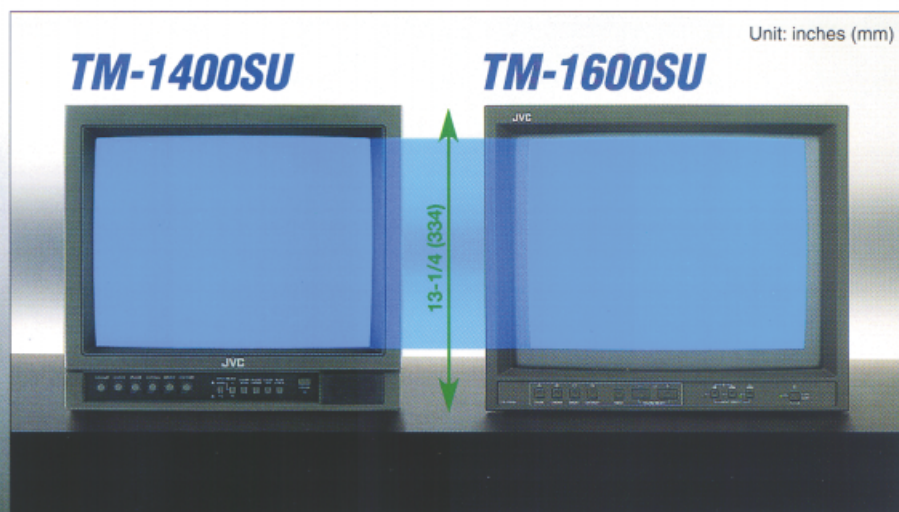
- 16:9 or 4:3 Aspect Ratio
- On-Screen Menu Operation
- Wired Remote Control Connector
- Brightness Peak Suppressor (BPS)



# The High-Performance 16-inch Color That's No Taller than a 14-inch Model

The TM-1600SU 16-inch color monitor brings you bright, high-resolution pictures with 550 horizontal lines. For maximum flexibility, it has a Y/C input connector for S-VHS signals, as well as two sets of composite inputs with loop through. JVC's TM-1600SU comes with a built-in speaker and has a full set of professional functions, which can be switched and finely adjusted using the simple on-screen menu driven controls. There's also a wired remote control connector for remote operation.

Yet all of these powerful features come in a package that only takes the vertical installation space of JVC's compact 14-inch model.





# Monitor

## ■ 16-inch, High-Resolution Monitor

The TM-1600SU utilizes a 16-inch (diagonally measured) Full-Square (FS) CRT with in-line guns and a stripe pitch of 0.42 mm. Together these advanced technologies give the top-flight performance that is demanded by today's wide range of monitor applications. The TM-1600SU delivers 550 lines of horizontal resolution and has selectable color temperature (6,500°K/9,300°K).

## ■ Multi-Standard Compatibility

The TM-1600SU accepts PAL and NTSC signals, and features a handy auto-select function, which identifies the input signal and switches mode automatically.

## ■ Compact, Space-Saving Design

With its neat and elegant design, the TM-1600SU maximizes screen size, giving the monitor the same height as JVC's 14-inch model, but is only 1.2-inches wider. So, now you can enjoy bigger color pictures without increasing your space requirements. A ruggedly engineered metal case protects the CRT and circuitry.

## ■ Variable Aspect Ratio

Using the on-screen menu, you can quickly change the aspect ratio of the TM-1600SU between 4:3 and 16:9.

## ■ Comprehensive Input Connectors

The TM-1600SU features a Y/C input connector (4-pin DIN) with bridged output for S-VHS signals, plus two composite input connectors (2-channel BNC), each also with bridged output.

## ■ Monitor Adjustments via On-Screen Menu

Using the on-screen menu-driven controls, (which feature user-friendly graphics) you can either opt for the standard default set-up or quickly and simply do your own set-up and adjustments by selecting from image aspect ratio, color temperature, video system and brightness peak suppressor (BPS). The functions of contrast, brightness, chroma and phase are instantly adjustable via push-buttons on the front panel, each having its own momentary on-screen display.



## ■ Built-In Loudspeaker

The TM-1600SU comes with a compact, built-in audio speaker with an output of 1 W.

## ■ Wired Remote Control Connector

A remote control connector (RCA phono) is provided which allows the user to choose which function is to be remotely controlled. These options include Aspect Ratio Changeover between 4:3 and 16:9, and Brightness Peak Suppressor (BPS) ON/OFF.

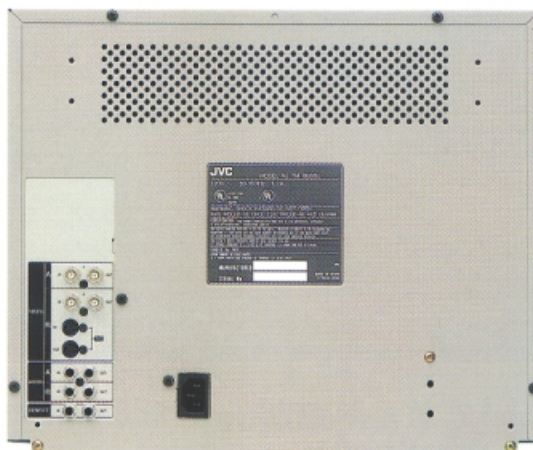
## ■ Brightness Peak Suppressor (BPS)

Using the Brightness Peak Suppressor (BPS) system, you can reduce the load on the CRT, extending the life of the monitor. When the BPS system is activated, it has the effect of automatically moderating the levels of peak brightness. BPS can be switched on and off either by the on-screen menu or by the remote control function. If the default setting is not appropriate, the precise level of moderation is selectable via the set-up menu.

Front View



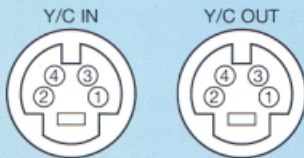
Rear View



## Specifications

Type	Color video monitor
Color system	PAL/NTSC, Auto select
CRT	16" (diagonally measured), in-line guns, stripe pitch of 0.42 mm
Scanning frequency	H: 15.625 kHz (PAL)/15.75 kHz (NTSC) V: 50/60 Hz
Horizontal resolution	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 connectors	
1) Input A: Composite Video	1.0 V (p-p), 75 ohms, negative sync., auto-termination, BNC x 2, bridged-out possible
2) Input B: Composite Video	1.0 V (p-p), 75 ohms, negative sync., auto-termination, BNC x 2, bridged-out 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, DIN 4-pin x 2, bridged-out possible
Audio connectors	RCA pin x 4 for input A and input B channels, bridged-out possible
Audio output	1W
Power cord	UL listed by 120 V AC
Remote connector	RCA pin x 2, bridged-out possible
Weight	37.9 lbs. (17.2kg)

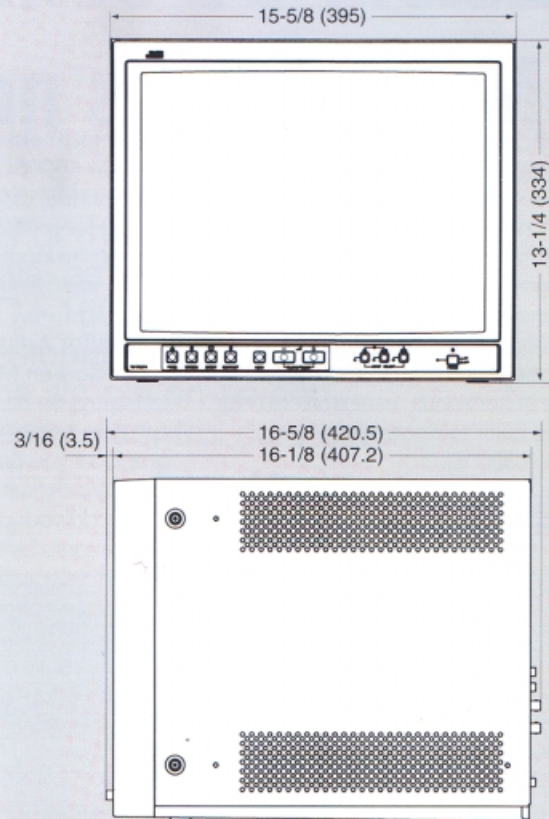
### Y/C Connectors



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

## Dimensions

Unit: inches (mm)



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

# JVC®

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JVC PROFESSIONAL PRODUCTS COMPANY  
DIVISION OF JVC AMERICAS CORP.  
1700 Valley Road, Wayne, N.J. 07470  
TEL: (973) 315-5000, (800) 582-5825  
FAX: (973) 315-5020  
E-mail: [proinfo@jvc.com](mailto:proinfo@jvc.com)

JVC CANADA INC.  
21 Finchdene Square, Scarborough, Ontario M1X 1A7  
TEL: (416) 293-1311 FAX: (416) 293-8208  
Internet Web Site <http://www.jvcpro.com/>

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