

# JVC

**PROFESSIONAL**

19" HIGH-RESOLUTION COLOR VIDEO MONITOR

# TM-H1900G

High-Resolution, Multi-Purpose Monitor with Remote Terminal for Multiplexer Applications



- High-Resolution Pictures with 750 Horizontal Lines
- Selectable Aspect Ratio: 16:9/4:3
- Underscan Supports Multiplexer Applications
- On-Screen Menu
- Multi-Standard Compatibility: NTSC/PAL
- Universal Power Supply: 120V/230V AC
- EIA Rack Mountable (Height: 9U)
- Big Screen, Small Cabinet Design
- Wired Remote Control
- UL Approved/CE Declaration

# ***High-Resolution, Large-Screen, Multi-Purpose, Utility Monitor that's Ideal for Multiplexer Applications***

*JVC has designed the perfect multi-purpose, utility monitor with its TM-H1900G. Packaged in an ultra-compact, rack-mountable cabinet, the TM-H1900G delivers 750 lines of horizontal resolution on a 19-inch display. Switch over from an aspect ratio of 4:3 to wide-screen 16:9 and it's ideal for a six-picture splitter arrangement. Its Underscan function supports multiplexer applications, and it has a multi-function remote capability for off-site operation. Naturally the TM-H1900G comes with all of the high-end features users have come to expect with the economical monitors, such as on-screen menu-driven parameter setting, NTSC/PAL compatibility, universal power supply, and rugged reliability. The cabinet is stunning in its simple elegance. The slim picture surround and the discreet control panel make for a monitor that always looks right, whether standing alone or rack mounted.*



**750 LINES**  
High-Resolution Monitor

Screen picture simulated.

### ■ 19-inch High-Resolution CRT

The TM-H1900G features a P-22 phosphor 19-inch Full-Square CRT with in-line guns and a trio-dot pitch of 0.27 mm. For the user, that translates into 750 lines of horizontal resolution and a selectable color temperature (6,500°K/9,300°K) for crisp pictures with outstanding color fidelity.

### ■ Selectable Aspect Ratio: 16:9/4:3

Users can switch over between a standard aspect ratio of 4:3 and a wide-screen ratio of 16:9 with a simple On-screen Menu operation. The wide aspect ratio is especially useful for surveillance applications when using CCTV equipment such as a six-picture splitter.

### ■ Underscan for Multiplex Operation

When connected to a multiplexer for surveillance applications, the Underscan function of JVC's TM-H1900G eliminates loss and distortion from multi-screen pictures.

### ■ Wired Remote Control Capability

The TM-H1900G is provided with remote control 15-pin D-sub connector, which allows the user to select and change Aspect Ratio (16:9/4:3), Input, and Underscan.

### ■ On-Screen Menu for Adjusting Monitor Parameters

Changing monitor parameters couldn't be easier with the TM-H1900G on-screen menu. Featuring a user-friendly graphic interface, it guides a user wanting to customize the monitor for individual preferences and applications. Resetting to the default settings is quick one-touch operation. Adjustable parameters include:

Aspect Ratio, Color Temperature, and Video System. Contrast, Brightness, Chroma, and Phase can be adjusted via ergonomically arranged push-buttons on the front panel.

### ■ Big Screen, Small Cabinet Design

The TM-H1900G benefits from JVC's focus on minimizing cabinet size. The resulting slimly designed picture surround and control panel give the monitor a distinct elegance. Ruggedly built, the monitor can be mounted in a 9U-high rack using an optional EIA rack mount adapter (RK-C1900E).

### ■ Multi-Standard Compatibility

The TM-H1900G accepts both NTSC and PAL signals. Its auto-detect function identifies the signal being input and switches mode automatically. To further enhance flexibility the monitor can be connected to either 120V AC or 230V AC power supply sources.

### ■ Comprehensive Input Terminals

JVC's full-featured TM-H1900G comes with Y/C input terminal (4-pin DIN) with bridged output for S-VHS signals, as well as two composite input terminals (2-channel BNC), each also with a bridged output.

### ■ Rush-Current Delay

Once activated, JVC's special Rush-Current Delay function reduces the load on the studio's mains power supply when a number of units are powered up simultaneously. The operator can set delay times for individual monitors in a range from 0 to 3 seconds.

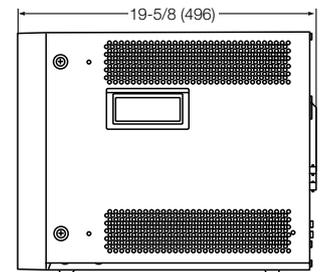
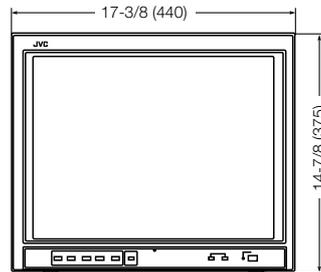


## Specifications

Color Systems	NTSC and PAL (auto-sensing)
CRT	19" (diagonally measured), trio-dot pitch 0.27 mm P-22 phosphor
Scanning Frequency	(H) 15.734 kHz (NTSC)/15.625 kHz (PAL) (V) 59.94Hz (NTSC)/50Hz (PAL)
Horizontal Resolution	more than 750 TV lines (Y/C input)
Power Requirements	120V AC and 230V AC
Color Temperature	6,500°K/9,300°K
Standard Video Inputs	Input A Composite, via BNC x 2 with auto termination and bridged output Input B Composite, via BNC x 2 with auto termination and bridged output Y/C (priority input), via 4-pin mini DIN x 2, auto termination and bridged output
Audio Inputs	A and B via phone jack, with bridged output for loophthrough
Remote Terminal	15-pin D-sub x 1, MAKE CONTACT for functions of ■ Input Select ■ Aspect Ratio (16:9/4:3) ■ Underscan
Dimensions (W x H x D)	17-3/8" x 14-7/8" x 19-5/8" 440 mm x 375 mm x 496 mm
Weight	55.2 lbs. (25.1 kg)

## Dimensions

Unit: inches (mm)



## Rack Mount Adapter



**RK-C1900E**  
■ EIA Rack Mount Adapter

# JVC

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