

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

17" HIGH-RESOLUTION COLOR VIDEO MONITOR

# TM-H1750CG

Full-Featured, High-Resolution Monitor with  
Slot Card Port



- 750 Lines of Horizontal Resolution
- 16:9/4:3 Selectable Aspect Ratio
- Input Slot for Optional Component/SDI Card
- Multi-Format Compatibility: NTSC/PAL, 120V/230V AC
- Big Screen, Small Cabinet Design
- On-Screen Menu
- Underscan, Color Off, Blue Check Functions
- Wired Remote Control
- UL/CE Approved



***High-Specification Full-Square  
Monitor for Professionals that  
Delivers More for Less***

**Slot Port for Input Card**

**JVC's TM-H1750CG redefines the high-specification monitor for broadcasting studios and editing/special effects suites. Technically, it's uncompromising. Featuring a full-square CRT and a trio-dot pitch of 0.27 mm, the NTSC/PAL compatible TM-H1750CG delivers 750 lines of horizontal resolution and sharp, accurately rendered pictures. Yet, despite its big 17-inch screen, it comes in an ultra compact cabinet that takes up little space. Intuitive on-screen menu programming means settings ranging from aspect-ratio to Blue Check can be changed in seconds. The TM-H1750CG also has all the input and output terminals needed for today's professional applications, and it features a slot port for optional component or SDI cards. It's a lot of performance from a small package—and one that comes at a price that might surprise you, and keep your accountant happy.**

#### ■ High-Resolution, 17-inch Color Monitor

The TM-H1750CG applies high-resolution CRT with precision in-line guns, and a trio-dot pitch of 0.27 mm, to deliver 750 lines of horizontal resolution along with exceptional color fidelity and stability. So, now users can spend longer in front of the monitor in comfort, handling demanding professional applications ranging from editing to creating complex effects.

#### ■ Selectable Aspect Ratio

Users can select between the standard aspect ratio of 4:3 or the increasingly popular wide-screen 16:9 ratio, simply by calling up the one-touch, On-Screen Menu.

#### ■ Slot Port for Optional Component/SDI Card

The flexibility of the cost-efficient TM-H1750CG is enhanced by a Slot Port that accepts optional SDI or Component Input Cards for special applications.



#### ■ Full Range of Input Terminals

JVC's TM-H1750CG features all of the input terminals needed for professional applications today—Y/C inputs (4-pin DIN) with bridged output and two composite inputs (2-channel BNC) with bridge outputs.

#### ■ Menu-Driven On-Screen Parameter-Setting

Elegant and simple, the TM-H1750CG's on-screen menu guides you through parameter adjustments to customize the monitor for user preferences and applications. Resetting to the default settings is a quick one-touch operation. Adjustable parameters include: Under Scan, Aspect Ratio, Color Temperature, and Blue Check, Contrast, Brightness, Chroma, and Phase.

#### ■ Big Screen, Small Cabinet Design

JVC's designers have achieved an elegant cabinet design that is exceptionally compact for a video monitor of its size. And, by arranging all of the controls on the front of the cabinet, TM-H1750CG monitors can be installed in a 9U-high rack.

#### ■ Multi-Format and Global Compatibility

The TM-H1750CG is a truly international monitor. Not only does it display both NTSC and PAL signals, with auto select and manual switching options, it can also be connected to either 120V AC or 230V AC power supply sources. These features along with small cabinet and light weight make the TM-H1750CG ideal for overseas field assignments.

#### ■ Wired Remote Control Capability

The TM-H1750CG comes with a thoughtfully designed remote control connector (D-sub 15-pin), for selecting most of the main functions.



## Specifications

|                           |  |
|---------------------------|--|
| Color System              | NTSC/PAL   |
| CRT                       | 17" (diagonally measured), trio-dot pitch 0.27 mm, P-22 phosphor   |
| Scanning Frequency        | f(H) 15.734 kHz (NTSC)/15.625 kHz (PAL)<br>f(V) 59.95/50 Hz  |
| Horizontal Resolution     | more than 750 TV lines   |
| Power Requirements        | 120V AC (UL)/230V AC (CE)  |
| Color Temperature         | 6,500°K/9,300°K  |
| Input Terminals           | Input A<br>Composite Video, BNC x 2, bridged-output possible<br>Input B<br>Composite Video, BNC x 2, bridged-output possible,<br>Y/C priority input, mini DIN 4-pin x 2, bridged-output possible                           |
| Input Slot                | 1 slot port for 1 input card for Component or SDI card   |
| Remote Terminal           | D-sub 15-pin x1, MAKE CONTACT for functions of<br><ul style="list-style-type: none"> <li>■ Input Select</li> <li>■ Aspect Changeover (16:9/4:3)</li> <li>■ Color Off</li> <li>■ Underscan</li> <li>■ Tally Lamp</li> </ul> |
| Optional Accessories      | Component Input Card (IF-C01COMG)<br>SDI Input Card (IF-C01SDG)<br>EIA Rack Mount Adapter (RK-C1700E)  |
| Dimensions<br>(W x H x D) | 15-5/8 x 13-1/4 x 16-1/2 inches<br>395 x 334 x 418 mm  |
| Weight                    | 44.3 lbs. ( 20.1 kg)   |

## Optional Cards



■ IF-C01COMG  
Analog Component  
Input Card



■ IF-C01SDG  
SDI Input Card

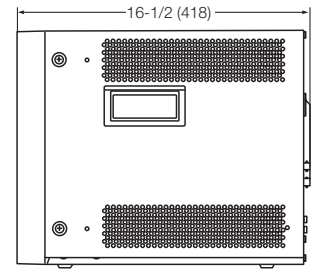
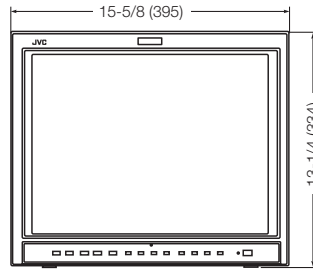
## Rack Mount Adapter



RK-C1700E  
■ EIA Rack Mount Adapter

## Dimensions

Unit: inches (mm)



## Front and Rear Controls



(Photo shows when an optional input card is not attached.)

*Design and specifications subject to change without notice.*

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