

JVC[®]
PROFESSIONAL

17" MULTI-FORMAT DTV MONITOR

DT-V1700CG

Natural Flat-screen, High-resolution DTV Monitor
with Slot Card Input Capability



- Multi-format capability DTV/SDTV
- Big-screen design in most compact package
- Natural Flat CRT with 800 TV lines resolution
- HV separation & 1k feedback for picture stability
- Rush-current Delay function
- Three slot ports for Video Input Card, Component/RGB Input Card, and SDI Card
- Area Marker function
- Tally/Remote Control capability

The Ultimate Studio Display — Natural Flat-Screen, High

The innovative 17-inch DT-V1700CG monitor features natural flat-screen CRT, which delivers vivid high definition images and 800 lines of horizontal resolution. Designed and engineered to provide what professionals really want from a top-quality digital HDTV monitor, the DT-V1700CG comes packed with the powerful features and offers access to rapidly emerging technologies, such as the revolutionary 1080/24psf cinema format. High performance functions such as full multi-format compatibility and three slot ports for input cards (optionally available; Video Input, Component/RGB Input, and SDI Input). All of this comes in an elegant and compact rack-mountable package that is no bigger than a 15-inch monitor.

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DTV
Component-Null

NTSC
PAL
480i
576i
480p
1080i
1080p
24psf

480i

576i

480p

1080i

1080p

24psf

High-Definition DTV Monitor in an Ultra Compact Package

■ DTV Format Compatibility

Compatible with all major DTV formats (480i, 480p, 1080i, and 720p), JVC's DT-V1700CG also accepts signals in cutting-edge 1080/24psf cinema mode, making it ideal for tele-producers, broadcasters, and video professionals processing movie stock captured at 24 frames-per-second.

■ Big-Screen Display in Compact Cabinet

JVC's DT-V1700CG comes in a tough metal cabinet with the same dimensions as a conventional 15-inch monitor. Yet, despite having the smallest depth in its class, the monitor features a 16:9 aspect 17-inch display, with an effective area 40 percent larger than conventional 14-inch displays.

■ Natural Flat-Screen CRT

The DT-V1700CG delivers 800 lines of horizontal resolution on a Natural Flat-screen CRT, high brightness, and high contrast. That translates into accurately rendered high-definition images which display the smallest details with astonishing clarity. In turn that means fatigue-free viewing for long periods and ease-of-use for specialist editing tasks.

■ High-Voltage Separation Circuit

To achieve professional-level image stability on screen, the DT-V1700CG employs a high-voltage/ deflection separation circuit.

■ White Balance Stability

The natural flat-screen CRT of the DT-V1700CG employs an IK feed-back system for stable color reproduction over long periods.

■ 16:9 Bezel

The DT-V1700CG comes with a 16:9 bezel as a standard accessory, which can be attached when using the display as a HDTV monitor.

■ Front Panel Switches Feature Advanced Ergonomics

Smoothly rotating, ergonomically designed front panel switches allow fast and simple adjustment of key image parameters such as Brightness, Phase, Chroma and Contrast.

■ Extended Multi-Standard Compatibility with Optional Input Cards

JVC's DT-V1700CG provides full multi-format compatibility. Besides signals of all major digital formats, the monitor automatically accepts incoming NTSC and PAL signals. Users can customize the DT-V1700CG by inserting optional input cards into the three input slots provided. Cards available include Video Input Card, Component/RGB Input Card, and SDI Input Card, which together cover virtually every possible input combination. Each card is automatically recognized when inserted into an input slot.

■ Underscan, Screens Check, Color Off, Aspect ratio Changer, Switchable Area Marker

In addition to providing Underscan, Screens Check, Color Off, Aspect Ratio Changer, and Switchable Area Marker functions as standard, the monitor offers other useful functions for professionals.

■ UL/CE Regulatory Approval

UL/CE regulatory approved DT-V1700CG automatically accepts voltage supplies of 120 (under UL) or 230 (under CE) volts.

■ Rush-Current Delay

When activated, JVC's original Rush-Current Delay function reduces the load on a studio's power supply when powering up a number of units of interlocked equipment simultaneously. The operator can select from delay times 0 and 3 seconds.

■ Variable Aspect Ratio

The DT-V1700CG has a 16:9 aspect display, with 4:3 selectable. The handy Area Marking feature offers a choice between 16:9, 14:9, 13:9, 4:3 area marking when 16:9 signal comes in. Independently, a center marker is available to assist viewing pictures.

■ Remote Control Capability

The DT-V1700CG features remote control capability through both RS-232C (D-sub 9-pin) and Contact Closure on D-sub 15-pin. A D-sub 15-pin remote control enables Tally Lamp, Input Select, Color Off, Area Marker, Aspect Changeover and Underscan, etc.



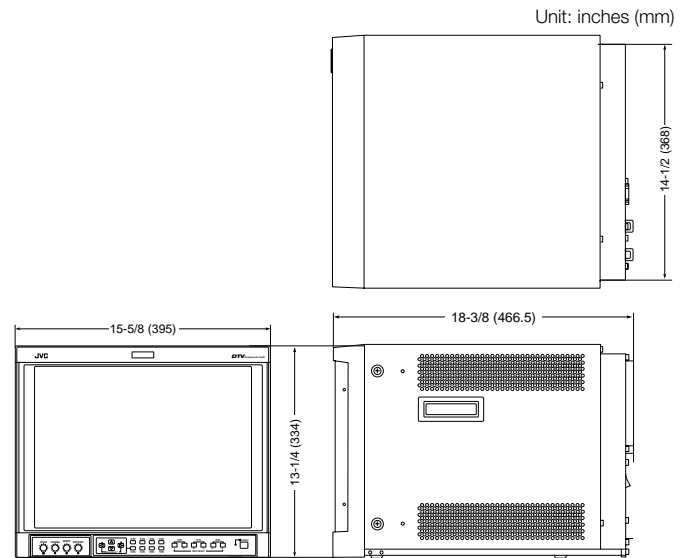
Specifications

Type	Multi-Format Color Video Monitor
Color System	NTSC, PAL, 480i, 576i, 480p, 1080i, 1080/24psf, 720p
CRT	17" (16"V) in-line gun, AG pitch 0.25 mm, Natural Flat CRT
Scanning Frequency	f(H) 15.625/15.734/28.125/31.5/33.75/45kHz f(V) 48 (24psf)/50/59.94/60Hz
Horizontal Resolution	more than 800 TV lines
Power Requirement	120V/230V AC, 50Hz/60Hz
Power Consumption	120V AC, 1.56A (MAX. 1.85A) 230V AC, 0.9A (MAX. 1.0A)
Color Temperature	6,500°K/9,300°K selectable
Video Input	3 slots for optional input cards
Audio Input	Video input card incorporate audio input
Audio Speaker	3-3/16" (8cm) round
Remote Terminal	RS-232C: D-sub 9-pin Contact Closure: D-sub 15-pin
Dimensions (W x H x D)	15-5/8 x 13-3/16 x 18-7/16 inches 395 x 334 x 466.5mm
Weight	51.2 lbs. (23.2kg)

Optional Input Cards

IF-C01COMG	Terminal	Component Video Input Card BNC x 6, Y/R-Y/B-Y or Y/P _B /P _R or RGB, external sync x 2BNC bridged connection possible
	Audio	RCA pin x 2, bridged connection possible
IF-C01PNG	Terminal	Composite Video Input Card VBS 2ch, BNC x 4, Y/C 4-pin x 1, external sync 1ch BNC x2, bridged connection possible, except Y/C
	Audio	RCA pin x 4, bridged connection possible
IF-C01SDG		SDI Input Card D1 Serial Digital (SMPTE 259M) compatible, 2ch, BNC x 3, active through-out 1ch possible
	Audio	2ch for analog audio, RCA pin x 4, bridged connection possible

Dimensions



Front and Rear Controls



(Photo shows when three optional input cards are attached.)

Optional Cards



■ IF-C01COMG
Analog Component Card



■ IF-C01PNG
Analog Composite Card



■ IF-C01SDG
SDI Card



■ HD SDI Card
• Under development
• Commercial availability to be advised later



RK-C1700E
• Optionally available

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