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 & lk 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-Definition

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.
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, 576i, 480p, 1080i, 1080/24psf, 720p
CRT: 17"/18" 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: Component Video Input Card
Terminal: BNC x 6, Y/R-Y/B-Y or Y/Pb/Pr or RGB, external sync x 2BNC bridged connection possible
Audio: RCA pin x 2, bridged connection possible
IF-C01PNP: Composite Video Input Card
Terminal: BNC x 4, Y/C 4-pin x 1, external sync 1ch BNC x 2, 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

Unit: inches (mm)

Front and Rear Controls

Optional Cards

- IF-C01COMG
  Analog Component Card
- IF-C01PNP
  Analog Composite Card
- IF-C01SDG
  SDI Card

Rack Mount Adapter

- HD SDI Card
- Commercial availability to be advised later
- Optionally available

Design and specifications subject to change without notice.