



24" Multi-Format LCD Monitor DT-R24L41D

17" Multi-Format LCD Monitor DT-R17L4D

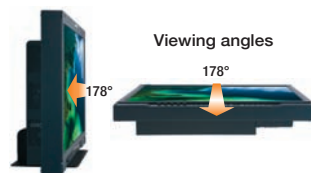
Convenient features and user-friendly design promise outstanding versatility, making these multi-format LCD monitors ideal for diverse professional applications.



HIGHLIGHTS

Wide viewing angles

The R Series monitors provide faithful color reproduction and wider viewing angles of up to 178 degrees from the top/bottom and the sides.



Faithful color reproduction

Matrix parameters are set in response to the actual HD or SD input signal, making it possible to accurately reproduce colors in strict conformity with ITU standards without having to process color signals. And a chromatic range equivalent to EBU 100% ensures faithful color reproduction that is virtually identical to the original source.

Gamma calibration

Accurate image display is absolutely necessary for professional video production and JVC is able to ensure extremely precise grey-scale characteristics by calibrating the gamma of each monitor at the factory before it is shipped.

Durable design means extra reliability

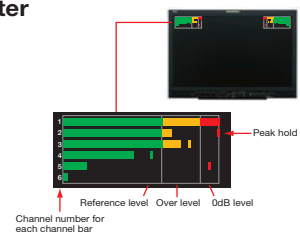
The R Series features robust design in order to fully answer the demanding requirements of daily usage in a studio or academic environment. What's more, the monitor's rigid construction makes it highly suitable for wall mounting.

Dual time code display

The R Series supports both LTC (longitudinal time code) and VITC (vertical interval time code), which can be switched from one to the other.

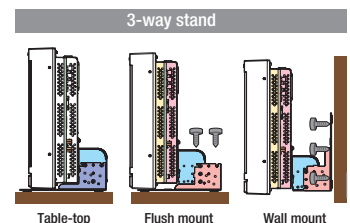
Advanced audio level meter

A convenient audio level meter with multiple indications such as peak hold showing peak audio levels, channel numbers for each channel bar, and graduation levels displaying the three set levels of reference, over, and OdB, provides at-a-glance recognition of audio signal status.



3-way stand ensures versatile installation anywhere

R Series monitors can be easily installed anywhere at the most desired locations thanks to the supplied 3-way stand. In addition to use of the stand in a conventional tabletop configuration, the monitor can also be mounted flush up front to make the stand less conspicuous, or even mounted on a wall using the VESA-standard 100mm x 100mm pitch screw holes.





Compatible Signals

| No. | Signal Name | Signal Format Shown in the Status Display | Input Terminal | | |
|-----|-------------------------------|---|------------------|--|--|
| | | | VIDEO (IN1, IN2) | E.AUDIO HD/SD SDI (IN1, IN2) ^{*1} | DVI-D (HDCP) (Digital Component/Digital RGB) |
| 1 | NTSC | NTSC | ✓ | — | — |
| 2 | PAL | PAL | ✓ | — | — |
| 3 | B/W50 | B/W50 | ✓ | — | — |
| 4 | B/W60 | B/W60 | ✓ | — | — |
| 5 | 480/60i or 480/59.94i | 480/60i or 480/59.94i | — | ✓ | — |
| 6 | 576/50i | 576/50i | — | ✓ | — |
| 7 | 480/60p or 480/59.94p | 480/60p or 480/59.94p | — | — | ✓ |
| 8 | 576/50p | 576/50p | — | — | ✓ |
| 9 | 640*480/60p or 640*480/59.94p | 640*480/60p or 640*480/59.94p | — | — | ✓ |
| 10 | 720/60p or 720/59.94p | 720/60p or 720/59.94p | — | ✓ | ✓ |
| 11 | 720/50p | 720/50p | — | ✓ | ✓ |
| 12 | 720/30p or 720/29.97p | 720/30p or 720/29.97p | — | ✓ | — |
| 13 | 720/25p | 720/25p | — | ✓ | — |
| 14 | 720/24p or 720/23.98p | 720/24p or 720/23.98p | — | ✓ | — |
| 15 | 1080/60i or 1080/59.94i | 1080/60i or 1080/59.94i | — | ✓ | ✓ |
| 16 | 1035/60i or 1035/59.94i | 1035/60i or 1035/59.94i | — | ✓ | ✓ ^{*2,3} |
| 17 | 1080/50i | 1080/50i | — | ✓ | — |
| 18 | 1080/60p or 1080/59.94p | 1080/60p or 1080/59.94p | — | — | ✓ |
| 19 | 1080/50p | 1080/50p | — | — | ✓ |
| 20 | 1080/30p or 1080/29.97p | 1080/30p or 1080/29.97p | — | ✓ | ✓ |
| 21 | 1080/25p | 1080/25p | — | ✓ | — |
| 22 | 1080/24p or 1080/23.98p | 1080/24p or 1080/23.98p | — | ✓ | ✓ |
| 23 | 1080/30psf or 1080/29.97psf | 1080/30psf or 1080/29.97psf | — | ✓ ^{*2,3} | — |
| 24 | 1080/24psf or 1080/23.98psf | 1080/24psf or 1080/23.98psf | — | ✓ | — |

*1 Compatible with EMBEDDED AUDIO signals. *2 Signal is recognized as 1080/60i, and its status is displayed as "1080/60i." *3 Signal is recognized as 1080/59.94i, and its status is displayed as "1080/59.94i."

Computer Signals (preset): DVI-D (HDCP) Terminals

| No. | Signal Name | Resolution | | Frequency | | Scan System |
|-----|------------------------|------------|----------|------------------|---------------|---------------|
| | | Horizontal | Vertical | Horizontal (kHz) | Vertical (Hz) | |
| 1 | VGA60 | 640 | 480 | 31.5 | 59.9 | Non-interface |
| 2 | WVGA60 | 852 | 480 | 31.5 | 59.9 | Non-interface |
| 3 | SVGA60 | 800 | 600 | 37.9 | 60.3 | Non-interface |
| 4 | XGA60 | 1024 | 768 | 48.4 | 60.0 | Non-interface |
| 5 | WXGA (1280) | 1280 | 768 | 47.8 | 60.0 | Non-interface |
| 6 | WXGA+60 ^{*4} | 1440 | 900 | 55.9 | 60.0 | Non-interface |
| 7 | SXGA60 ^{*4} | 1280 | 1024 | 64.0 | 60.0 | Non-interface |
| 8 | WSXGA+60 ^{*4} | 1680 | 1050 | 65.2 | 60.0 | Non-interface |
| 9 | UXGA60 ^{*4} | 1600 | 1200 | 75.0 | 60.0 | Non-interface |
| 10 | WUXGA60 ^{*4} | 1920 | 1200 | 74.0 | 60.0 | Non-interface |
| 11 | 720/60p | 1280 | 720 | 45.0 | 60.0 | Non-interface |
| 12 | 1080/60p ^{*4} | 1920 | 1080 | 67.5 | 60.0 | Non-interface |
| 13 | 720/50p | 1280 | 720 | 37.5 | 50.0 | Non-interface |
| 14 | 1080/50p ^{*4} | 1920 | 1080 | 56.25 | 50.0 | Non-interface |

*4 For the DT-R17L4D: When the 6 to 10, 12 or 14 numbered signals are received, thin lines will become obscure as signal resolution is higher than screen resolution.

Front Control

DT-R24L41D



DT-R17L4D



Option: Rack Mount Adapter RK-C17D2

Rear Terminal

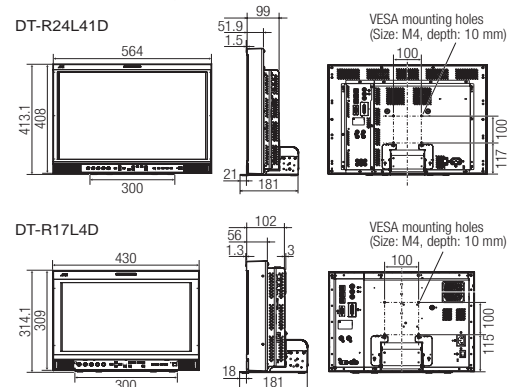
DT-R24L41D



DT-R17L4D



Dimensions (Unit: mm)



Other features

- Picture: • Frame latency of less than 1 frame • CTI and LTI functions • 10-bit image processor • ITU 709 and Adobe color space modes are selectable (for the DT-R24L41D)
- External controls: • RS-232C, RS-485 and make/trigger terminals • LED indicators with dimmer function • Source ID input by ASCII code • Power save mode • Make/trigger terminal functions: 1:1 mode, area markers compatible with different aspect ratios, safety markers, 16:9/4:3 aspect ratio switching, screen check, auto aspect selection, and two-color (green/red) tally lamps

Specifications

| Model | DT-R24L41D | DT-R17L4D |
|---|--|---|
| Type | Multi-format LCD Monitor | |
| Aspect Ratio | 16:10 | 16:9 |
| LCD Panel | 24" wide, active matrix TFT | 17" wide, active matrix TFT |
| Effective Screen Size | 518.4 x 324 mm (20-1/2" x 12-7/8") | 327.9 x 209.7 mm (14-11/16" x 8-1/4") |
| Panel Resolution | 1920 x 1200 (W-LXGA) | 1366 x 768 (W-XGA) |
| Panel Response Time (G to G) | 5 ms (typical) | Rise time: 8ms / Decay time: 8ms (typical) |
| Display Colors | 16.77 million | |
| Horizontal / Vertical Frequency (Computer Signal) | H: 31.469 kHz – 75.000 kHz / V: 48 Hz – 65 Hz (certain signals within the frequency ranges may not be displayed and "Out of Range" will be shown). | |
| Viewing Angle | Horizontal: 178° Vertical: 178° | 178° |
| Brightness | 400cd | 350cd |
| Contrast Ratio | 1000:1 | 900:1 |
| Applicable Standards | HD SDI: BTA S-004C, SMPTE 292M SD SDI: ITU-R BT.656: 525/625, SMPTE 259M: 525 EMBEDDED AUDIO: SMPTE 299M, SMPTE 272M | |
| Audio Output | Internal: 1.0 W + 1.0 W (L/R) | |
| Operating Temperature / Humidity | 5°C – 35°C (41°F – 95°F) / 20% – 80% (non-condensing) (varies slightly depending on ambient installation conditions) | |
| Storage Temperature / Humidity | -20°C – 40°C (-4°F – 104°F) / 10% – 90% / 41°C – 60°C (105°F – 140°F) / at 40% (depending on the panel storage conditions) | |
| Power Requirements | AC 120/220-240 V, 50/60 Hz | |
| Rated Current | 1.15 A (AC 120 V) 0.67 A (AC 220 – 240 V) | 1.2 A (AC 120 V) 0.8 A (AC 220 – 240 V) |
| Dimensions (W x H x D) Excluding Protrusions | Without Desktop Stand: 564 x 408 x 99 mm (22-1/4" x 16-1/8" x 4") With Desktop Stand: 564 x 413.1 x 181 mm (22-1/4" x 16-3/8" x 7-1/4") | Without Desktop Stand: 430 x 309 x 102 mm (17" x 12-1/4" x 4-1/8") With Desktop Stand: 430 x 314.1 x 181 mm (17" x 12-3/4" x 7-1/4") |
| Weight | Without Desktop Stand: 8.6 kg (18.9 lbs) With Desktop Stand: 10.1 kg (22.2 lbs) | Without Desktop Stand: 6.5 kg (14.3 lbs) With Desktop Stand: 8.0 kg (17.6 lbs) |
| Provided Accessories | AC power cord, power cord holder x 1, Screws x 2 (for power cord holder) | |

Input/Output Terminals

| Model | DT-R24L41D | DT-R17L4D |
|------------------|---------------------|----------------------------|
| Video | HD/SD SDI (IN1/IN2) | BNC x 1/BNC x 1 |
| | HD/SD SDI (OUT) | BNC x 1 |
| | Video 1 | BNC x 2 (IN/OUT) |
| | Video 2 | BNC x 2 (IN/OUT) |
| DVI-D (HDCP) | DVI-D connector x 1 | |
| Audio | Audio IN1 | RCA x 2 (audio assign) |
| | Audio IN2 | RCA x 2 (audio assign) |
| | Audio Monitor Out | RCA x 2 (audio assign) |
| External Control | Make/Trigger | RJ-45 x 1 (8-pin) |
| | RS-485 | RJ-45 x 2 (IN/OUT) (8-pin) |
| | RS-232C | D-sub (9-pin) x 1 |

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