

# JVC<sup>®</sup>

The Perfect Experience / —

15-inch TFT-LCD display monitor

## TM-15L1D

Digital & analogue inputs. Scaleable image sizes. Wired remote controls.



# SDI

Serial Digital Interface

Dual SDI inputs, a full range of analogue inputs, 16:9 & 4:3 aspect ratios, variable scanning modes and a vast array of professional user inputs, checks and controls make the TM-15L1D the most versatile professional monitor of its kind.

### Professional Design

- Rugged metal cabinet
- Square-cornered & slim
- Rear VESA 100 mount
- Adjustable dual-mode stand supplied
- Rackmount and wallmount options

### Professional Features

- Dual SDI inputs
- Five audio inputs (Mono, RCA)
- Selectable scanning modes (Over, narrow, 1:1)
- Full set of controls on front panel
- Colour off and aspect ratio change
- Wired remote control (Make contact & trigger pulse)
- Selectable tally colour: green or red

## Dual SDI inputs

The TM-15L1D features dual SDI inputs compatible with both 576i/50 and 480i/60 signals.

## Slim, metal, square-cornered cabinet

The rugged metal cabinet enables the monitor to withstand any rigorous demands in today's broadcasting. The slim black squared bezel maximises the size of image displayed and minimises the gap between monitors.

## Selectable scanning modes

Users can select from three different scanning modes: 1:1\*, narrow-scan and over-scan. 1:1 is very useful because it allows the user to check picture quality at the native resolution of the source signal.

\* Actual aspect ratio will differ between NTSC and PAL due to LCD pixels being rectangular.



Narrow mode: Displays images at the screen size limit.



1:1 mode: Displays at the native resolution of the source signal.

## Wired remote control

An RJ45 terminal located on the rear panel allows a LAN cable to be used as the control cable. The remote control system is selectable between Make Contact and Trigger Pulse.

## Array of broadcast features

Features absolutely necessary for broadcasting professionals are readily available on the TM-15L1D including Colour Off, Aspect Selection (4:3 or 16:9), Two Colour Tally (Green or Red), and an easy-to-see wide tally lamp.

## Five audio inputs

5 monaural audio inputs are featured for 5 video inputs (Video 1, Video 2, Component, SDI 1, SDI 2) on the TM-15L1D.

## Ease of installation

The power supply is built-in to the monitor chassis, so only a simple direct mains connection is needed. There is a range of installation possibilities: Rear VESA 100 mounting holes, JVC rackmount kit option, and wallmount bracket option.

## Specifications

Model	TM-15L1D	
Type	LCD display monitor	
Colour system	PAL and NTSC	
<b>LCD</b>		
Type	15" active matrix TFT	
Effective screen size (mm)	W 304.1 x H 228.1	
Pixels	1024 x 768	
Aspect ratio	4 : 3	
Display colours	16.2 million	
Viewing angle	Horizontal : 140° Vertical : 125°	
Brightness	400cd/m <sup>2</sup>	
Contrast ratio	500 : 1	
<b>Input/output terminals</b>		
Video	Video 1	Composite video 1 line BNC x 2 (Bridged out)
	Video 2	Composite video 1 line BNC x 2 (Bridged out)
	Component	Mini D-sub15-pin x 1 (SD)
	SDI	IN (BNC) x 2, Switched out (BNC) x 1

Model	TM-15L1D	
Audio	Video	IN (Mono, RCA) x 2
	Component	IN (Mono, RCA) x 1
	SDI	IN (Mono, RCA) x 2
<b>Audio output</b>	Internal: 1W (Mono)	
<b>Environmental conditions</b>		
Operating temperature	5°C to 35°C	
Operating humidity	20% to 85% (non-condensing)	
<b>Power requirements</b>	AC 100-240V, 50Hz/60Hz	
<b>Power consumption</b>	0.9A	
<b>Dimensions(WxHxD)</b>		
Without stand	342 x 291 x 70.5 mm	
With stand (low position)	342 x 295.6 x 184 mm	
With stand (high position)	342 x 330.6 x 184 mm	
<b>Weight</b>		
Excluding stand	3.7 kg	
Including stand	6.3 kg	
<b>Provided accessories</b>	AC power cord, stand	

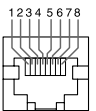
## Input signals

Input	Format or system
VIDEO	NTSC, PAL
COMPONENT	480/60i, 576/50i
SD SDI	480/60i, 576/50i (D1 Serial Digital Signal)
AUDIO	Analogue Mono LINE IN
Wired Remote (RJ45)	Make Contact or Trigger Pulse system

## Remote pin assignment

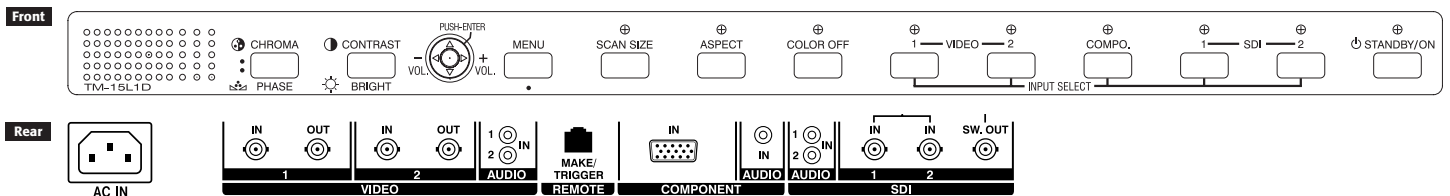
No.	Function	Content
1	TALLY*	On/Off
2	TALLY SELECT	Green/Red
3	INPUT 1**	VIDEO1/VIDEO2/COMPO/SDI1/SDI2
4	INPUT 2**	VIDEO1/VIDEO2/COMPO/SDI1/SDI2
5	COLOUR OFF	On/Off
6	ASPECT	On/Off
7	REMOTE ENABLE*	
8	GND	

\*Make contact only \*\*Selectable from OSD menu

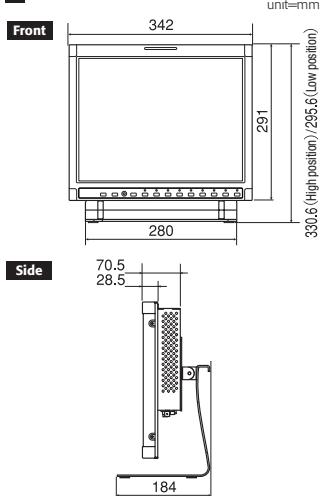


Caution:  
This is a female connector.

## Controls and terminals



## Dimensions

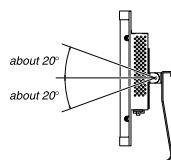


## Accessories

### Adjustable metal dual-mode stand supplied

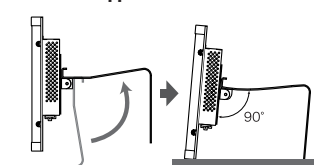
An adjustable metal stand is supplied. It can be used to tilt the monitor 20° up or down and can be set to high or low position. When the monitor is in the high position and the stand is set at 90°, the monitor will rest directly on the base surface as shown in the illustration below, enabling setup even in places with restricted height.

#### Conventional mode



The stand has a high and low height position. The monitor can also be tilted up to 20 degrees either side of the vertical.

#### As rear support



With the stand fitted as above, the monitor can be rested directly on a flat surface, using the stand as a rear support.

### Optional accessories

#### Wallmount bracket

#### TS-CV10WG

- Mounts horizontally for pan effect, either left or right
- Mounts vertically for tilt effect, either upwards or downwards
- Adjustment is in the range of 0° to 20°



#### Rackmount adapter

#### RK-C157L1G

- Adjustable tilt, upwards or downwards, in a range of 0° to 15°



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