

JVC®

The Perfect Experience / —

10" COLOUR MONITOR

TM-1051DG

Monitor with Dual SDI Inputs for Relay and Studio Applications

SDI

Serial Digital Interface



Compact yet rugged, the TM-1051DG is engineered for the professionals. For instance, the OSM (on-screen menu) contains a very extensive monitor set-up area where virtually every operational feature and function can be switched or adjusted to suit the most sophisticated and wide-ranging of viewing requirements

- Dual SDI Inputs
- Audio Level Meter
- Two Audio Outputs
- Compact Design for Rack Mounting
- Safe Area Marker
- Aspect Ratio Select
- Underscan
- Colour Adjustment
- Two-colour Tally Lamp
- Wired Remote

Packing the Power Demanded by Today's Broadcast and Production Professionals

Dual SDI Inputs

TDual SDI inputs with embedded audio are available. SDI inputs are compatible with 480/60i and 576/50i signals.

Audio Level Meter

For extra convenience, SDI input enables display of an on-screen audio level meter. Remotely switchable by RJ-45 trigger.

Two Audio Outputs

Two audio output connectors are provided for embedding digital audio into digital video streams, which are then converted and output as analogue audio.

Compact Design for Rack Mounting

Thanks to the 5U height specifications, rack mounting of the TM-1051DG is possible individually or two monitors side by side on any EIA 19" rack using optional rack mount adapter RK-C101E.

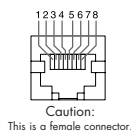
Safe Area Marker

Displays dotted lines to indicate the areas corresponding to 80%, 88% and 90% of the screen size.

Specifications

Model	TM-1051DG
Type	Colour Video Monitor
Picture Tube	10" (diagonally measured), stripepitch 0.50 mm
Horizontal Resolution	more than 280 TV lines
Scanning Frequency	H: 15.75 kHz (NTSC)/ 15.625 kHz (PAL); V: 50 Hz/60 Hz
Power Requirement	120V/220V-240V AC, 50Hz/60Hz
Power Consumption	0.9A (120V AC)/ 0.6A (220V-240V AC)
Compliant Video Signal	INPUT A/B: NTSC (3.58 MHz), PAL (4.43 MHz), B/W (50 Hz/60 Hz) INPUT C/D: 480/60i, 576/50i (compatible with EMBEDDED AUDIO signal)
Format	SD SDI ITU-R BT. 656: 525/625 SMPTE 259M: 525 EMBEDDED AUDIO SMPTE 272M
Colour Temperature	6,500K / 9,300K (switchable)
Input/Output terminal A	Composite
	Input: BNC x 1 (1.0V(p-p), 75 Ω, negative sync., auto-termination) Output: BNC x 1 (Bridged Out)
Input/Output terminal B	Composite
	Input: BNC x 1 (1.0V(p-p), 75 Ω, negative sync., auto-termination) Output: BNC x 1 (Bridged Out)
Input/Output terminal C-D	SDI
	Input: BNC x 2 Output: BNC x 1 (Switched Out) RCA x 2 (EMBEDDED AUDIO Monitor Out CH1 and CH2)
Dimensions (W x H x D)	222 x 220 x 360.3mm
Weight	7.9kg / 17.4 lbs.

Remote Pin Assign



NO.		Functions to be controlled
1	INP. A	Changes the input to INPUT A
2	INP. C	Changes the input to INPUT C
3	MARKER	Turns on/off MARKER
4	ASPECT	Changes ASPECT
5	TALLY	Controls the tally lamp
6	L. METER	Turns on/off AUDIO LEVEL METER
7		External control
8		GND

Factory preset. Six control functions are user adjustable.

Aspect Ratio Select

Scanning can be changed between 4:3 and 16:9 aspect ratios by using the on-screen menu or RJ-45 trigger.

Underscan

To allow viewing of the entire active picture, underscan mode can be selected by pushing the appropriate switch on the front panel.

Colour Adjustment, Blue Check, and Colour Off

The Screens Check mode allows selection of the above for setting hue & saturation, checking noise in the blue channel, and setting white balance.

Two-colour Tally Lamp

Easily visible tally lamp is located on the monitor's front panel. Red or green operational colour is selectable via the on-screen menu.

Wired Remote Control Facility

An RJ-45 connector located on the rear panel allows remote on/off control of several selectable functions, including Tally, Aspect Ratio, Input A or C, Audio Level Meter, and Marker.

Other features

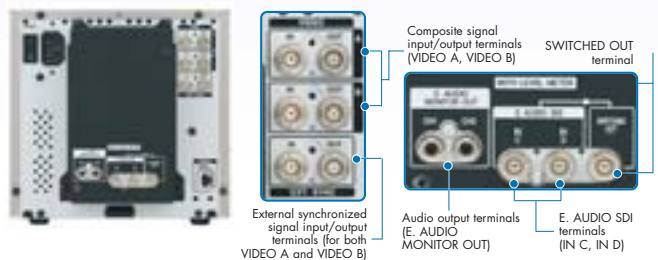
- PAL / NTSC Compatibility

Front/Rear View

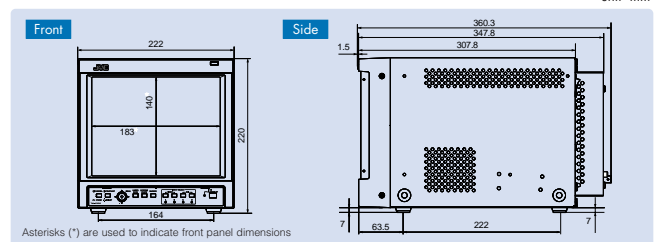
Front Control Panel View



Rear Panel View



Dimensions



Optional Accessory

- RK-C101E Rack Mount Adapter (5U)

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