

# JVC®

The Perfect Experience / —

30-INCH LCD DISPLAY

# GD-30L1G

Versatile Application with LCD Panel. Provides a Bright Picture All the Time.



- Super-Bright 30-inch LCD Display
- Native 1,280 x 768 Panel for True HDTV Images
- High Contrast and Fast Response Panel
- 170° Viewing Angle
- NTSC, PAL, SECAM and All HDTV Formats
- Slim and Lightweight Design

## Bright Picture, Long-Life, Clear Picture. Versatile for Wide Range of Applications.

### Bright Picture—bright enough for use in near daylight applications

With a highly efficient backlight, the GD-30L1G is one of the industry's brightness LCD panels – 450cd/m<sup>2</sup>. It produces easy-to-see images with excellent contrast, even in a well lit room of 750lux. Luminosity is uniform throughout the panel, making the GD-30L1G suitable for a wide range of applications even in bright public spaces.

### Made to Last in Tough Professional Use with Approx. 50,000h Backlighting

The panel's backlight is made to last approximately 50,000 hours\*. This converts to about 5.7 years for 24/7 operation, or 8.6 years for 16h/day usage\*\*. The GD-30L1G offers optimum performance in long-hour, long-term usage situations such as at factories or airports. And because it's an LCD, there's no worry about image burn-in.

### Energy-saving Design with Low Power Consumption of Approx. 170W

Designed with energy-savings in mind, the GD-30L1G attains a low-power consumption of 170W. This means low-cost operation — especially important when multiple panels are used.

### Wide Viewing Angle of 170° Horizontally and Vertically

Whether viewing from the side, above or below, pictures are high in contrast with virtually uniform colors.

### DVI Terminal, PC inputs

Thanks to the built-in DVI terminal, the GD-30L1G is ready for digital signage and critical viewing applications. The DVI terminal accepts a standard digital (uncompressed) signal from a DVI equipped personal computer or other device, eliminating picture degradation associated with analog wiring and circuits. The GD-30L1G can also be connected to a PC via a conventional VGA connection.

### Ideal for Digital Signage

Whether displaying text, graphics or video (or a combination), the GD-30L1G provides optimum performance in digital signage applications. Thanks to the fast-speed LCD panel, it can display moving images without ghosting or smearing. The panel can be used in horizontal or vertical orientation. Even small text and graphics with fine detail can be seen clearly, thanks to the panel's high resolution.

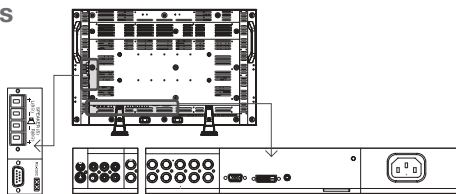
### Other applications:

- HD Video editing system monitor
- Video production studio monitor
- Individual Learning/Viewing station in school or library

\* Conditions of a backlight life: When brightness reaches 50% of the initial figure at continued usage in a room with temperature set at 77°F (25°C). The duration may vary depending on the usage conditions and environments.

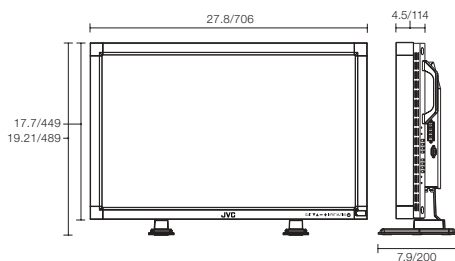
\*\* Figure calculated from backlight life. This figure does not represent the number of years for which malfunctions are guaranteed not to occur.

## Rear Terminals



## Dimensions

Unit:in/mm



## Specifications

LCD Module		Analog Input	Digital Input
		29.5"/ 75cm diagonal	
Pixel Pitch		0.5025mm	
Resolution		1280 dots X 768 dots (WXGA)	
Color		Over 16 million colors	
Brightness		450 cd/m <sup>2</sup> (typ.)	
Viewing Angle		Up 85°/ Down 85°/ Left 85°/ Right 85°(typ.) @ CR>10	
External Speaker Output Impedance		Rating 7W+7W (8Ω)	
Frequency (PC Input)	Horizontal	31.5kHz–49.0kHz, 64.0kHz, 75.0kHz	31.5kHz–48.4kHz
	Vertical	58.0Hz–62.0Hz	58.0Hz–62.0Hz
Pixel Clock		25.0MHz–162.0MHz	25.0MHz–65.0MHz
Viewable Size		25.32 x 15.19in / 643.9 x 385.92mm	
Input Signal	PC Input	Video	TMD5
		Sync	
	Input Terminal	BNC (R, G, B, H, V), 15pin Mini D-sub	DVI-D (Digital)
VIDEO Input	<ul style="list-style-type: none"> <li>• Composite 1.0Vp-p Input Impedance 75Ω BNC and RCA-INPUT</li> <li>• Y/C Y: 0.7Vp-p C:0.283Vp-p Input Impedance 75Ω S-TERMINAL-INPUT</li> <li>• Component 1.0V / 0.7Vp-p Input Impedance 75Ω BNC-INPUT</li> </ul>		
	AUDIO Input	RCA PIN-JACK L/R 2 INPUT, STEREO Mini Jack 1 INPUT	
	Control Input	9 Pin Mini D-sub (RS-232C)	
Power Supply		1.85A @ 100V–120V, 0.9A @ 220V–240V, 50Hz / 60Hz	
Operational Environment	Temperature	41°F - 104°F / 5°C - 40°C	
	Humidity	10%–80% (without condensation)	
Storage Environment Humidity		10%–90% (without condensation) / below 60% over 40°C	
Dimensions (W x H x D)		27.8 x 17.7 x 4.5in / 706 x 449 x 114mm (without stand) 27.8 x 19.2 x 7.9in / 706 x 489 x 200mm (with stand)	
Net Weight		35.2lbs / 16.0kg	
VESA Flat Display Mounting Interface Standard for 23" to 30.9" Diagonal Flat Displays		7.8 x 3.9in / 200 x 100mm (6 Holes)	
Complied Regulatory and Guidelines		UL 60950 / CSA C22.2 No. 60950 FCC-B / DOC-B	
Power Management		VESA DPMS	
Plug & Play		VESA DDC2B, DDC / CI	
Resolution Supported		640 X 480 at 60Hz 800 X 600 at 60Hz 1024 X 768 at 60Hz 1280 X 768 at 60Hz (recommended resolution at 60Hz for optimal display performance) NTSC / PAL / SECAM HDTV:480i (60Hz), 480p (60Hz), 576i (50Hz), 576p (50Hz), 720p (50Hz / 60Hz), 1080i (50Hz / 60Hz)	
Accessories		Instructions, Power Cord X 2, Remote Control, AA Battery X 2, Clamper X 2, Screw X 2, Ferrite Core X 2, Band	

## Screen Picture Size and Aspect Ratio

Input	WIDE	FULL	NORMAL
RGB1, 2, 3	(Not available)	Expands the picture to fit into the whole screen (The picture will appear stretched vertically or horizontally)	Original picture size* *Differs depending on the signal type.
DVD/HD	16:9 aspect ratio		4:3 aspect ratio
VIDEO			

### NOTES:

- When you select [FULL] for the 4:3 picture, the picture will be stretched horizontally.
- When you select [FULL] for the 16:9 picture, the picture will be stretched vertically.

### Available component signals

480i/59.94 Hz, 480p/59.94 Hz, 576i/50 Hz, 576p/50 Hz, 720p/50 Hz, 720p/59.94 Hz, 1080i/50 Hz, 1080i/59.94 Hz

E.&O.E. specifications are subject to change without notice.

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# JVC®

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**JVC PROFESSIONAL PRODUCTS COMPANY**  
DIVISION OF JVC AMERICAS CORP.  
1700 Valley Road, Wayne, N.J. 07470  
TEL: (973) 317-5000, (800) 582-5825 FAX: (973) 317-5030  
Internet Web Site <http://www.jvc.com/pro>  
E-mail: [proinfo@jvc.com](mailto:proinfo@jvc.com)

**JVC CANADA INC.**  
21 Finchdene Square, Scarborough, Ontario M1X 1A7  
TEL: (416) 293-1311 FAX: (416) 293-8208  
Internet Web Site <http://www.jvc.ca/en/pro/>

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