

GM-F420S 42" LCD Display

42" LCD Display, perfect for professional applications



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Description

The JVC NEW GM-F display series is perfect for professional applications where reliability, robustness and high image quality is imperative, e.g. security and control room application, digital signage solutions in market, shops, hotels etc. public, school, museums, broadcast viewing and control, office or bulletin boards.

- All models are full industrial professional displays for 24/7 days operation with special high brightness (700 cd²) LCD panel for long term application and portrait mode mountings. MTBF > 50.000 hours. Full HD 1920 x 1080 pixel resolution, ultra thin front bezel for tiled mounting: (15mm width for 42 and 47 17mm width for 52)
- The tiled option can support up to 5 x 5 Displays, on Video Analogue (with loop through) or DVI input. For best tiled imaging on DVI source please use external DVI distributor. All displays also support PIP and PbP Feature.

Main features

- Special 10 Bit LCD Panel
- High reliability for Image stacking
- Human sensor detector
- ECO sensor, for power saving
- Adjustable gain and cut off for color calibration
- RS232/485 and LAN control functions
- Make and trigger for montior wall's
- Full metall chassis for 24/7 operations
- AC out put for external hardware

Additional features

- Special space for JVC Digital signage Mini PC solution with TVTOOLS 8.0 Player Software
- Special PIR sensor to be used in security, digital signage or power saving due to your screening application.
- Sensor Type: Infrared ray, Detectable distance: 5m (max.), Detectable angle: Horizontal 100 deg. / Vertical 90deg., Detectable temperature difference between the target and surroundings : 4 °C or more. Keeps detecting until a person stops moving or gets out of the area. Can fit this sensor to the JVC TVTOOLS digital signage solution or use it as independent controller with the **following features**: Volume Level / Input Select / Swap main and sub picture / Back light / Power On / Sustain Time of the above action
- The JVC Display will have an IR remote controller with ID programming, so you can use one IR-controller only to control different Displays. Furthermore you will have RS485 and IP LAN remote and control features, including E-mail function in case of trouble or temperature control in case of difficult installations.

Technical specs

LCD Panel:
42 inch Active Matrix TFT

Pixel Count:

1920 x 1080 pixels

Contrast Ratio:

1000 : 1

Brightness:

700 cd/m²

Viewing Angle:

178° Horizontal & Vertical

Input/Output:

Composite Video 1 line (BNC x2), with Bridge Out

RGB input: Analogue RGB: 1 line (D-sub-15-pin)

RGB Output: Analogue RGB (D-sub), Active Output

DVI Input: DVI x1 line

Audio1/2: Audio1: RCA, Audio2: stereo mini, both bridged out

Speakers:

inside 2x 1,7W, outside 2x 2,3W (L/R)

Colour system:

Composite Video: PAL/NTSC

RGB: VGA to FHD (1920 x 1080)

DVI: VGA to FHD (1920 x 1080) 60Hz compatible with HDCP

Remote control:

RS-232C IN (D-sub 9),

RS-485 IN/Make/Trigger (Rj-45-pin)

RS-485 OUT/ IR OUT/LAN remote (Rj-45-pin)

Accessories

- [UN-PZPWB/JVC](#)
- Wallmount GM-Fxxx, tilt, p/l
- [UN-PZPXB/JVC](#)
- Wallmount GM-Fxxx, fix, p/l

Brochures and manuals

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[Brochure-datasheet-GM-F-series](#)

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[Brochure GM-F series \(new-Jan 09\)](#)

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[Instruction manual \(from the JVC Professional Europe Service Information System\)](#)

Links

Miscellaneous