

Vibrancy and clarity in the toughest environments



52" HIGH DEFINITION LCD DISPLAY

SONY



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GXD-L52H1 Designed to perform in the toughest environments



The GXD-L52H1 52" LCD display delivers Full HD 1920 x 1080 native resolution for more life-like images, with beautiful colour and amazing detail.



Network
Capability



On/Off
Timer



Multi Display
Setup



Control
Panel Lock



Portrait
Mode



HDSDI
Compatible



Optional
Slots



Conference
Mode



HDMI
Input



HDCP
DVI
Input



Picture-in-Picture (PiP),
Picture-and-Picture (PaP)

Network capability and monitoring

The GXD-L52H1 is specifically designed for many business applications and is therefore network-ready. Network monitoring and control is enabled through the built-in RJ45 port. RS232C and Control-S can be facilitated via the supplied optional board.

Multi Display set-up

As well as 2x2, 3x3 and 4x4, you can now choose 1x2, 1x3, 1x4, 2x1, 3x1 and 4x1. Tiles or window output setting is also available.

Tamper-proof operation

You can lock the display control panels to prevent access to settings – particularly useful if mounting the display in a public area at an accessible height, in a club, pub, restaurant or retail outlet for example.

HDMI with HDSDI capability

The GXD-L52H1's High Definition Multimedia Interface (HDMI) input enables the best audio and visual signal from external HD sources. Given Sony's heritage in making professional HD broadcast equipment it should come as no surprise that the GXD-L52H1 features an optional HDSDI board to accept broadcast quality inputs.

PiP and PaP

The GXD-L52H1 offers Picture in Picture (PiP), allowing for the picture from a secondary source to be displayed within the main picture. It also allows for Picture and Picture (PaP) where the pictures from 2 separate sources are displayed side-by-side.

The GXD-L52H1 even has a carrying handle built-in to the chassis to make transport and mounting easier.



Have you discovered the beauty and clarity of Full HD yet? The new range of Full HD public displays by Sony offer a resolution of 1080 lines, displaying four times the digital information of a standard display. With a 52" LCD display, your messages, advertisements, films or programmes will be richer, clearer and more compelling to your viewers than ever before.

Full HD with a difference

As you would expect from Sony, we've gone that little bit further in bringing the power of Full HD to public displays. The GXD-L52H1 High Definition 52" LCD display is engineered to deliver stunning pictures in even the toughest environments. The robust build means you can mount the GXD-L52H1 at eye level – landscape or portrait – in concourses, lobbies, reception areas, arenas or boardrooms, and know it will still be delivering captivating images tomorrow, next month, next year...

The IP30 certified dust protection, and splash-proof impact resistant screen make the GXD-L52H1 perfect for lively sports bars or busy retail outlets. LCD technology avoids burn-in and offers exceptional brightness, ensuring perfect viewing in semi-outdoor or sunlit locations in offices, transport, manufacturing or medical facilities. Connectivity options guarantee integration with almost any existing network.

They say that once you've seen HD, you can never go back. Once you've seen the GXD-L52H1, you'll know why



When you're trying to get your message across, you don't want anything to get in the way. The GXD-L52H1's impact resistant screen doesn't need protective housing or special mounting.

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Tough and versatile

The GXD-L52H1 is packed full of features that make it just as attractive to own as it is to watch. The protective aluminium bezel includes special corner protection to help avoid damage during transit, fitting and use. Equally happy in landscape, portrait or angled mountings, the GXD-L52H1 can be fitted flush to walls or suspended on mounting brackets. Once in operation, the GXD-L52H1 accepts 1080p, 1080i and 720p HD signals and has an optional HDSDI board making it suitable for broadcast environments.

Reliable and cost-effective

The LCD display uses significantly less power than a plasma screen, reducing the cost of ownership. The On/Off timer can help you to further reduce running costs. Multi display settings give you the full choice of viewing options. The unique backlit control ensures continuing operation; even if one backlight fails, the GXD-L52H1 will continue to operate, so you can be confident of never unknowingly losing your audience.

Full HD with unique benefits



IP30 certification

IP30 rated for excellent dust protection.



Backlight Control System

The monitor continues working, even after failure of one or more of the Cold Cathode Fluorescent Lamps (CCFLs) which make up the backlight. (Conventional monitors will switch off after failure of one CCFL). If a second CCFL fails, a warning report will be sent.



Impact Resistant

The robust glass front provides protection against impact, dirt and splashing. In case of scratches or damage, it can be replaced without taking the monitor off its mounting.



Stylish Design

The materials used in this monitor are stylish and complement the resilient build. For example, the aluminium frame is strong and robust as well as very attractive. scratches or damage, it can be replaced without taking the monitor off its mounting.

Full HD with truly outstanding features



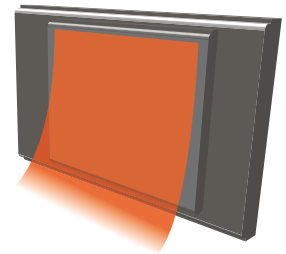
Protective Screen

The tempered glass screen offers protection from accidental or deliberate assault. (In tests it survives a 358g steel ball being dropped from a height of 1m.) If scratched or severely damaged it can be replaced without removing the display from its mounting.

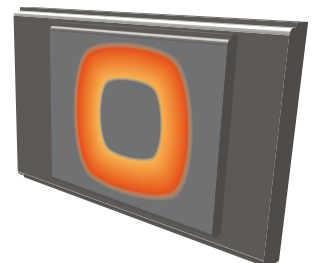
Innovative heat management

The innovative heat sink design enhances the longevity of the display and removes the need for ventilation holes. This allows the unit to achieve full IP30 certification, offering reliable operation in dusty, semi-outdoor or vulnerable locations.

Conventional public displays rely on airflow through ventilation holes, which can block - reducing lifespan.



The GXD-L52H1 dissipates heat through a heat sink, increasing uptime and lifespan.



GXD-L52H1 Specifications

Powerful Display Solutions

Sony LCD and Plasma public displays are available in a variety of screen sizes and perfectly combine style, versatility and reliability.

Accessories

- BKM-FW50 Digital Signage Board for display of images and video clips. Enables download of content via an IP connection and control via a web browser.
- BKM-FW21 Monitor Control Adaptor (straight cable).
- BKM-FW16 HDSDI Input/Output Adaptor (with audio).
- BKM-FW15 HDMI Input Adaptor (x2 inputs).
- BKM-FW11 Component/RGB Input Adaptor with BNCx5 connectors



BKM-FW50



BKM-FW16



BKM-FW11



BKM-FW21



BKM-FW15



Optional speakers
SS-SPG01



The GXD-L52X1 conforms to VESA standard
mount (400mm x 400mm).

For more optional additions for the GXD-L52X1 please visit www.sonybiz.net/publicdisplays

PAP combination

Available combination of two pictures

	S-Video	Composite Video	HD15		DVI	HDMI	OPTION			
			RGB	Component			RGB	Component	HDMI	HD-SDI/SDI
S-Video	-	-	*	*	*	*	*	*	*	*
Composite Video	-	-	*	*	*	*	*	*	*	*
HD15										
RGB	*	*	-	-	*	*	*	*	*	*
Component	*	*	-	-	*	*	*	*	*	*
DVI	*	*	*	*	-	-	*	*	*	*
HDMI	*	*	*	*	-	-	*	*	*	*

Panel	
Panel size	52"
Native resolution	1920x1080
Luminance	500 cd/m2
Contrast	800:1
Viewing angle (H/V)	178°/178°
Pixel size (HxV)	0.6x0.6mm
Colours (millions)	1070
Display area (HxV)	1152x648mm

Input connectors	
PC	HD15/DVI-HDCP
Video	Composite Video (BNC) / S-Video (mini-DIN 4) Component Video (HD15) / HDMI
Audio	Stereo mini x3
Control	LAN (RJ45) / RS232C* / S Control*

Output connectors	
Video	Composite Video
Audio	Stereo mini

Video signal	
Video	NTSC/PAL/NTSC4.43/ PAL-M/PAL60/PAL-N

Speaker Output	
	2x7W

Power requirements	
Requirements	AC100-240V, 50/60Hz
Power consumption	380W (typ.)

Dimensions (WxHxD)	
	1281x764x152

Weight (kg/lbs)	
	65 / 143

Optional slots	
Number available	1
Pre-installed option boards	-

Burn-in prevention	
Picture inversion	-
Picture orbit	-
Picture 'All White'	Yes
Gray background	-
Auto dimmer	-

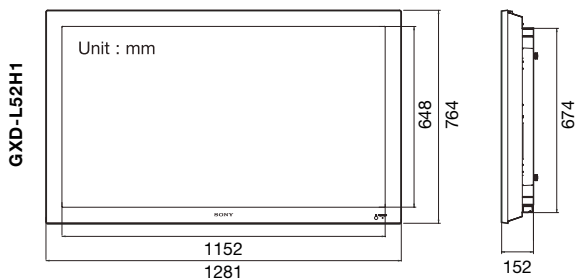
PIP/PAP	
	Yes/Yes

Multi-display setup	
Layouts	2x2/3x3/4x4/1x2/1x3/1x4/2x1/3x1/4x1

Bezel colours	
Colours available	Silver

Option Board	
BKM-FW50 Digital Signage Board	Yes
BKM-FW21 Monitor Control Adaptor (straight cable)	Yes
BKM-FW16 HDSDI Input/Output Adaptor (with audio)	Yes
BKM-FW15 HDMI Input Adaptor (x2 inputs)	Yes
Through Board	-
BKM-FW11 Component/RGB Adaptor	Yes

* Via option board BKM-FW21



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