Specifications

SH7DB Series		55SH7DB	49SH7DB	42SH7DB
PANEL	Screen Size	55	49	42
	Panel Technology	IPS (PD)		
	Aspect Ratio	16 : 9		
	Native Resolution	1,920 x 1,080 (FHD)		
	Brightness	700cd/m²		
	Contrast Ratio	1,300:1		
	Dynamic CR	500,000:1		
	Viewing Angle (H x V)	178 x 178		
	Response Time (typ.)	8ms (G to G BW)		
	Surface Treatment	Hard coating (3H), Anti-glare treatment of the front polarizer (Haze 10 % (Typ.))		
	Guaranteed Operating Hour	24 Hours		
	Orientation	Portrait & Landscape		
CONNECTIVITY	Input	HDMI, DP, DVI-D, RGB, Audio, USB		
	Output	DP, Audio, External Speaker		
	External Control	RS232C (In/Out), RJ45, IR Receiver, Pixel Sensor (Optional)		
PHYSICAL SPECIFICATION	Bezel Color	Black		
	Bezel Width	7.4mm (T/R/L/U even)	7.4mm (T/R/L/U even)	7.4mm (T/R/L/U even)
	Monitor Dimension (W x H x D)	1,230 x 701 x 29mm	1,095 x 625 x 29mm	949 x 543 x 29mm
	Weight (Head)	20.7kg	15.6kg	12.5kg
	Weight (Head + Stand)	22.1kg	17kg	13.9kg
	Monitor with Optional Stand & Speaker Dimensions (W x H x D)	1,230 x 776 x 298mm	1,095 x 700 x 298mm	949 x 618 x 298mm
	Weight (Head + Stand + Speaker)	22.9kg	17.8kg	14.7kg
	Carton Dimensions (W x H x D)	1,330 x 815 x 174mm	1,197 x 760 x 134mm	1,045 x 645 x 127mm
	Packed Weight	25.2kg	18.7kg	14.8kg
	VESA™ Standard Mount Interface	400 x 400mm		
SPECIAL FEATURES		USB Content Scheduling, Conformal Coating, SNMP Support, Wi-Fi Ready (Dongle), Power Management modes (Sustain Aspect Ratio/Stand-by Screen, etc.), No Signal Image setting, Enhanced ISM (Image Sticking Minimization) Mode, Holiday Schedule/Local Time Auto Setting, Fail-over (USB, RGB, DVI, HDMI), Wake on LAN, DVI/HDMI to DP out		
ENVIRONMENTAL CONDITIONS	Operating Temperature Range	0 °C to 40 °C	0 °C to 40 °C	0 °C to 40 °C
	Operating Humidity Range	10 % to 80 %	10 % to 80 %	10 % to 80 %
POWER	Power Supply	100-240V~, 50/60Hz		
	Power Type	Built-In Power		
POWER CONSUMPTION	Typ.	140W	125W	110W
	Smart Enegy Saving	95W	80W	60W
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC		
	EMC	FCC Class "A" / CE / KCC		
	ErP / Energy Star	NA / Yes (Energy Star 6.0)		
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	Yes	Yes	Yes
	External Media Player Attachable	Yes (MP500/MP700)	Yes (MP500/MP700)	Yes (MP500/MP700)
SOFTWARE COMPATIBILITY	SuperSign-W/Lite	Yes		
	SuperSign-C	Yes		
ACCESSORY	Basic	Remote Controller (2 batteries included), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender, IR Receiver		
	Optional	SP-2100 (External Speaker), ST-200T, LSW440S, AN-WF500 (Wi-Fi USB Dongle), KT-OPSA (OPS Kits), KT-SP0 (Pixel Sensor)	SP-2100 (External Speaker), ST-200T, LSW440S, AN-WF500 (Wi-Fi USB Dongle), KT-OPSA (OPS Kits), KT-SP0 (Pixel Sensor)	SP-2100 (External Speaker), ST-200T, LSW440S, AN-WF500 (Wi-Fi USB Dongle), KT-OPSA (OPS Kits), KT-SP0 (Pixel Sensor)

Connectivity

1. SPEAKER OUT
2. AUDIO IN
3. LAN
4. PIXEL SENSOR
5. HDMI
6. AUDIO OUT
7. IR & LIGHT SENSOR
8. DP IN
9. DP OUT
10. DVI-D IN
11. USB
12. RGB IN
13. RS-232C IN
14. RS-232C OUT

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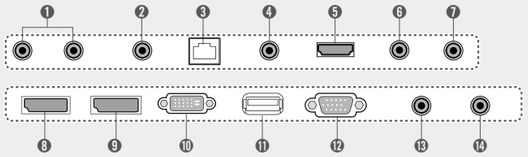

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LG Life's Good

Simplified Installation and Convenient Maintenance

Standard Performance SH7DB Series

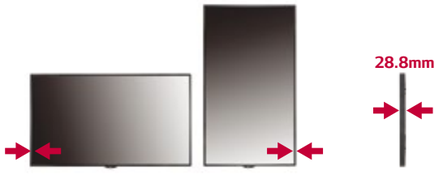
With its narrow even bezel, LG SH7DB enables you to create landscape or portrait walls in multiple installation scenes. It is enhanced in reliability and maintenance by protecting the circuit board from dust, iron fillings and humidity, and by detecting screen failures with SuperSign™ Software. Supporting convenient content management, this series is suitable for installation environments such as airport, retail and multiplex etc.

Key Features

Simplified Installation

Narrow Even Bezel

Slim, sleek and stylish design, SH7DB has advantages for portrait and video wall scene



Left/Right/Top/Bottom : 7.4mm

Depth

Detachable Logo

Portrait mode allows the logo to be positioned in the desired setting.

Supportive Convenience

OPS* & HDBaseT Compatibility

The SH7DB provides an OPS Kit to connect a third-party OPS player or HDBaseT box. Users have the flexibility to choose any media player as long as it complies with the OPS.

*OPS : Open Pluggable Specification

Dust & Humidity Protection

Conformal Coating

Circuit board reliability is enhanced with conformal coating that protects against dust, iron powder, humidity and other harsh conditions.

LG Life's Good

Simplified Installation and Convenient Maintenance

Standard Performance SH7DB Series

IPS 700cd/m² 24hr/7days SUPERSIGN

Screen Sizes

55"/49"/42"

SH7DB Series

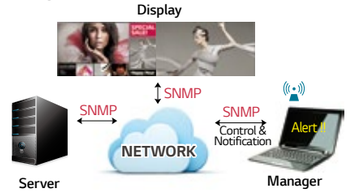
- Brightness : 700cd/m²
- Bezel : Top/Left/Right/Bottom 7.4mm
- Depth : 28.8mm
- Special : Wi-Fi Dongle Ready, SuperSign W/C/M
- Local Time Auto Setting
- DP / HDMI / DVI / RGB / RS232C / RJ45 / IR (DP1.2 daisy-chain)

Key Features

Convenient Connectivity Support

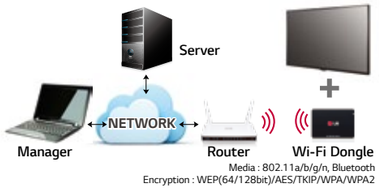
Simple Network Management Protocol

SNMP support ensures convenient network management.



Wi-Fi Support

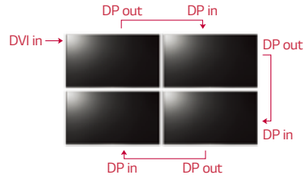
SH7DB Series support Wi-Fi USB dongle connection for convenient content distribution.



Media : 802.11a/b/g/n, Bluetooth
Encryption : WEP(64/128bit)/AES/TKIP/WPA/WPA2

Digital input to Daisy Chain

Support DVI/HDMI digital signal turns to DP out.



Screen Management Mode

Aspect Ratio Sustainability*

Sustain the same resolution and picture quality while powering on/off by receiving EDID[1] through switch IC.

1) Extended Display Identification Data.
* Installation Menu > LG Digital Signage > PM Mode

Stand-by Screen*

Even without signal from the media player, the network does not turn off completely, so remote control is possible, which prevents unnecessary power usage and enables efficient management.

Scheduled Screen Wash**

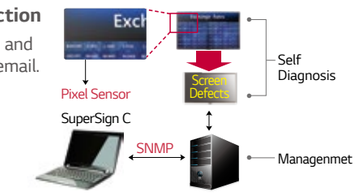
Prevent residual images with the screen transition feature.

** Installation Menu > ISM Method

Content Management

Screen Fault Detection

Detects screen failure and sends an alert log by email.



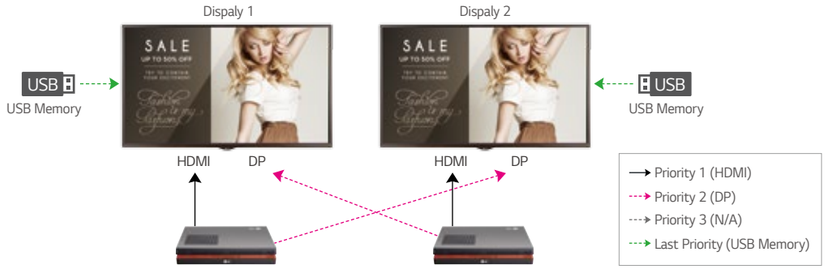
USB Content Scheduling

Play and schedule contents with a USB connection-no server connection required.

*Supported Content Type : Video (MPEG1/2/4, H.264), Audio (MP3, AC3, MPEG, AAC, HEAAC, LPCM), Image (JPEG, PNG, BMP)

Advanced Failover

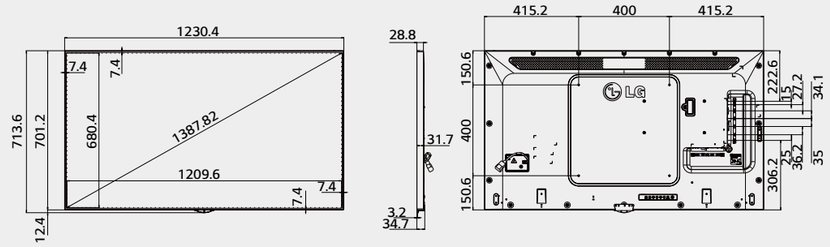
Enables content to be displayed without dead spots when none of the external inputs is working. The monitor performs the signal switching automatically.



Dimension (unit : mm)

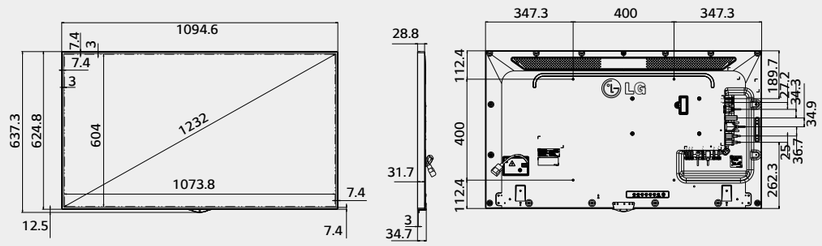
55"

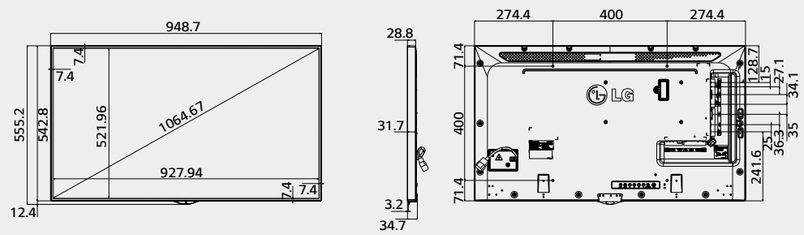
1,230 x 701 x 29 / 20.7kg



49"

1,095 x 625 x 29 / 15.6kg



42"

949 x 543 x 29 / 12.5kg