



OWNER'S MANUAL

LG Digital Signage

(Signage webOS Box)

Please read the user manual before using this product to ensure safe and convenient use.

WP601-B



* M F L 0 5 8 1 6 5 0 1 *

(2507-REV00)

www.lg.com

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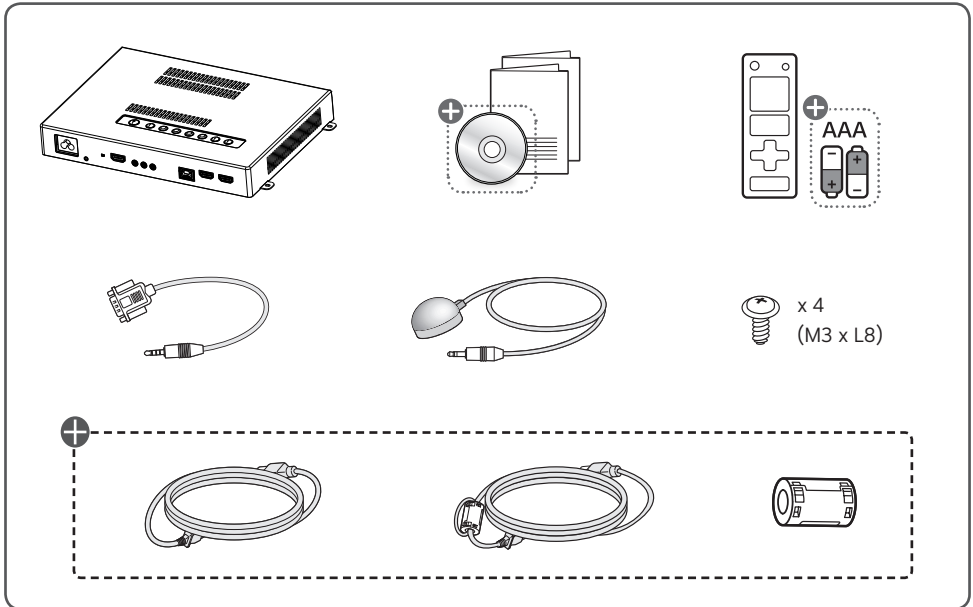
WARNING: This equipment is compliant with Class A of CISPR 32. In a residential environment this equipment may cause radio interference.

BASIC

! NOTE

- The accessories provided with your product may vary depending on the model or region.
- Product specifications or contents in this manual may be changed without prior notice due to upgrade of product functions.
- SuperSign Software & Manual
 - Visit <https://partner.lge.com> to download the latest SuperSign software and manual.

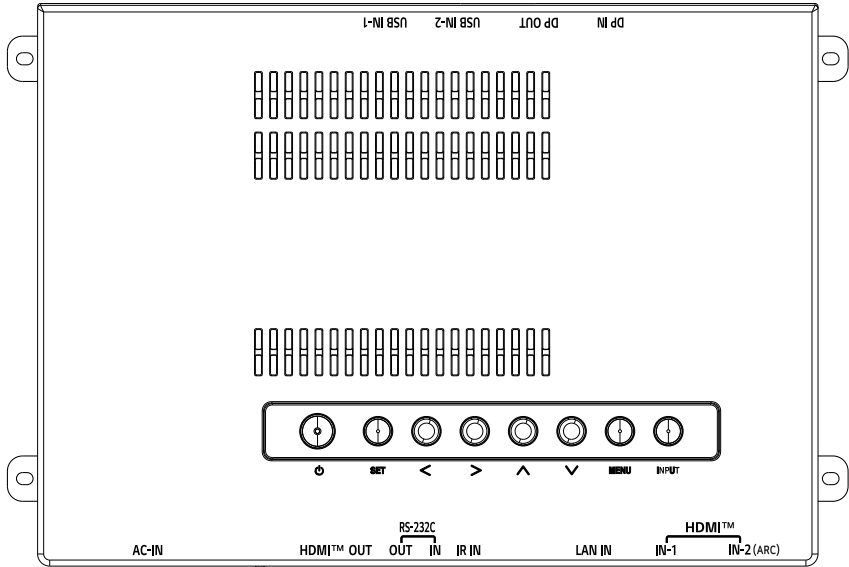
Checking the Accessories




+ Depending on country

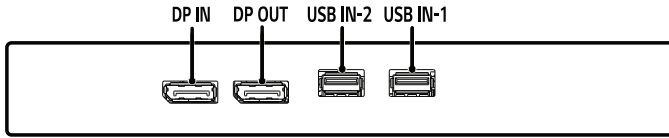
Learning the Buttons

(The image may be different according to the model.)

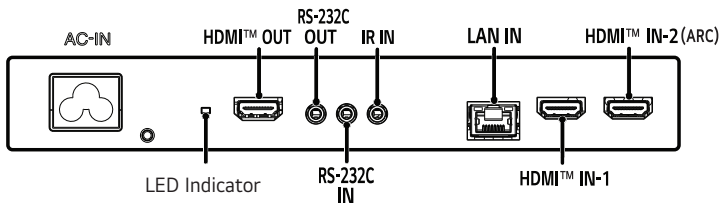


-  : Turns the power on or off.
- **SET** : Displays the current signal and mode.
- **<>** : Moves left and right.
- **^ v** : Adjusts the up and down.
- **MENU** : Accesses the main menus, or saves your input and exits the menus.
- **INPUT** : Changes the input source.

Front Panel



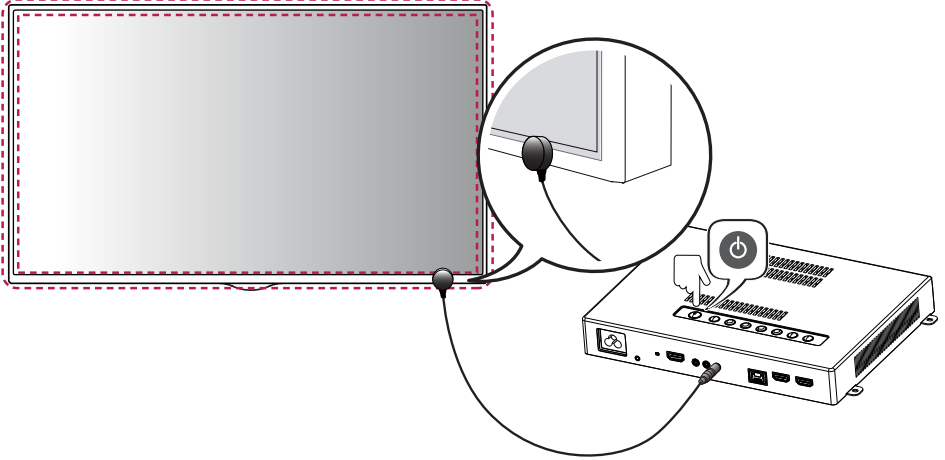
Rear Panel



GETTING READY

Connecting the IR Sensors

Connecting the cable to the product allows it to receive signals from the remote control.

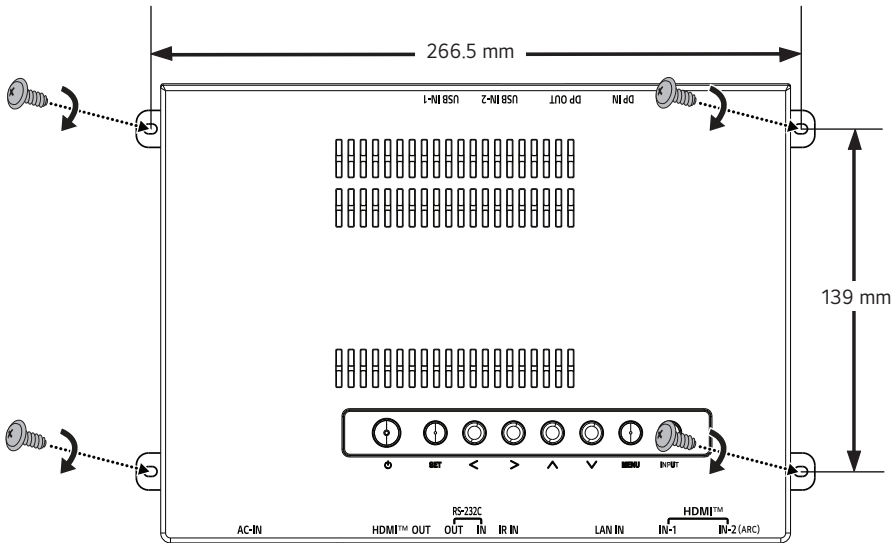


CHECKING BEFORE INSTALLATION

We are not responsible for product damage caused by failure to follow the guide.

Installation

Install the set using the screws supplied as accessories.



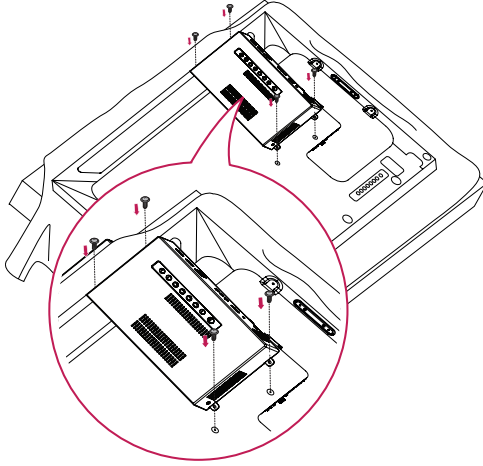
(Australia only)

- This product must be installed by a professional installer.
- After the installation of the product in the customer premises, fully remove all product packaging (including any expanded or moulded plastic packaging materials) and recycle or dispose of such packaging responsibly. Do not dispose any expanded plastic packaging in the household bin.

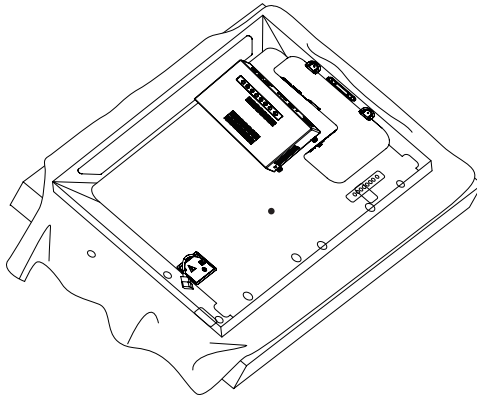
Installing on a monitor

- For some monitors only. Depending on the monitor, installation may not be possible.
- The image may be different according to the model.

1 Align the WP601-B along the four screw holes on the rear of the set and attach it to the rear of the set using the four screws provided.

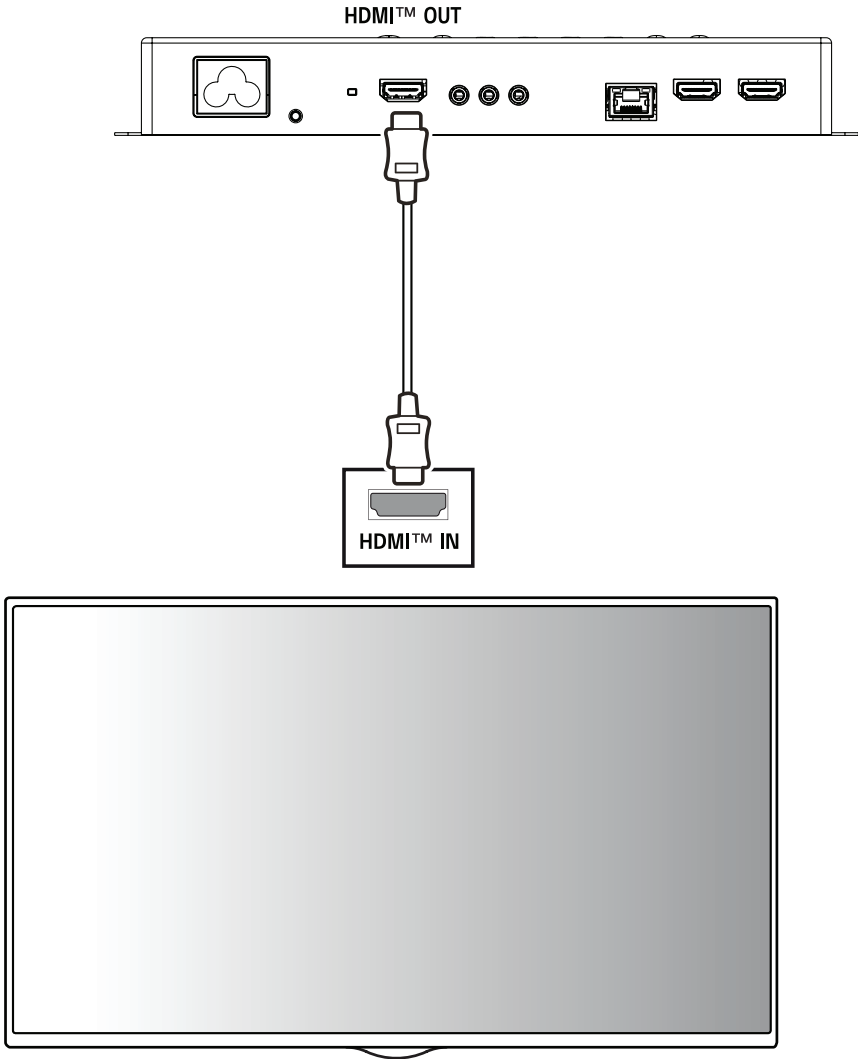


2 Installation complete



HDMI connections

Use an HDMI cable to connect to the WP601-B.



PRECAUTIONS FOR USE

Dust

The warranty will not cover any damage caused by using the product in an excessively dusty environment.

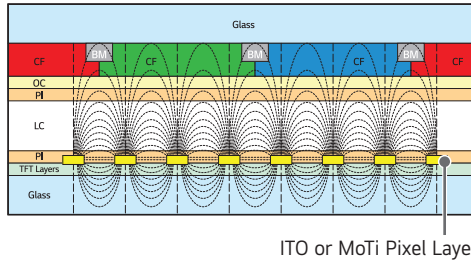
Afterimage

- After-image appears when the product is turned off.
 - Pixels may be damaged rapidly if a still image is displayed on the screen for a long period of time. Use the screen-saver function.
 - Switching from a screen with high differences in luminance (black and white or grey) to a darker screen may cause an afterimage. This is normal due to the display characteristics of this product.
- When the LCD screen is in a still pattern for extended periods of use, a slight voltage difference may occur between the electrodes that operate the liquid crystal (LC). The voltage difference between the electrodes increases over time and tends to keep the liquid crystal aligned in one direction. At this time, the previous image remains, which is called an afterimage.
- Afterimages do not occur when continuously changing images are used but take place when a certain screen is fixed for a long time. The following are operational recommendations for reducing the occurrence of afterimages when using a fixed screen. The maximum recommended time for switching the screen is 12 hours. Shorter cycles are better for preventing afterimages.

- Recommended Usage Condition

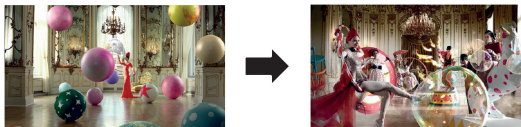
- 1 Change the background colour and text colour at equal intervals.

- Afterimages occur less when the colours to be changed are complementary to one another.



- 2 Switch the screen at equal time intervals.

- Take caution, and ensure that text or images from before the screen change are not left in the same location after the screen change.



PRODUCT SPECIFICATIONS

Without prior notice, all product information and specifications contained in this manual are subject to change to improve the performance of the product.

Input/Output Ports	DP IN, DP OUT, USB IN-1, USB IN-2, RS-232C IN, RS-232C OUT, IR IN, LAN IN, HDMI IN-1, HDMI IN-2 (ARC), HDMI OUT	
Resolution	Recommended Resolution	HDMI 1,2 / DisplayPort: 3840 x 2160 @ 60 Hz
	Max Resolution	HDMI 1,2 / DisplayPort: 3840 x 2160 @ 60 Hz
Power Voltage	100-240 V~ 50/60 Hz 0.5 A	
Environmental Conditions	Operating Temperature	0 °C to 40 °C
	Operating Humidity	10 % to 80 % (Condition for preventing condensation)
	Storage Temperature	-20 °C to 60 °C
	Storage Humidity	5 % to 85 % (Condition for preventing condensation) * Product box packaging storage conditions
Dimensions (Width x Height x Depth) / Weight	258 mm x 36.5 mm x 186 mm / 1.12 kg	

Wireless module (LGSBWAC92) Specifications	
Wireless LAN (IEEE 802.11a/b/g/n/ac)	
Frequency range (MHz)	Output power (Max.) (dBm)
2400 to 2483.5	18
5150 to 5725	18
5725 to 5850	12
Bluetooth	
Frequency range (MHz)	Output power (Max.) (dBm)
2400 to 2483.5	8
<ul style="list-style-type: none"> As band channels can vary per country, the user cannot change or adjust the operating frequency. This product is configured for the regional frequency table. For consideration of the user, this device should be installed and operated with a minimum distance of 20 cm between the device and the body. 	

HDMI/DisplayPort (PC) Support Mode

Resolution	Horizontal frequency (kHz)	Vertical frequency (Hz)
800 x 600	37.879	60.317
1024 x 768	48.363	60
1280 x 720	44.772	59.855
1280 x 1024	63.981	60.02
1680 x 1050	65.29	59.954
1920 x 1080	67.5	60
3840 x 2160	67.5	30
3840 x 2160	135	60

HDMI/DisplayPort (DTV) Support Mode

Resolution	Horizontal frequency (kHz)	Vertical frequency (Hz)
480/60p	31.5	60
576/50p	31.25	50
720/50p	37.5	50
720/60p	45	60
1080/50i	28.1	50
1080/60i	33.75	60
1080/50p	56.25	50
1080/60p	67.432	59.94
1080/60p	67.5	60
2160/30p	67.5	30
2160/50p	112.5	50
2160/60p	135	60

! NOTE

- Vertical frequency: The product display functions by the screen image changing dozens of times every second like a fluorescent lamp.
The vertical frequency or refresh rate is the number of image displays per second. The unit is Hz.
- Horizontal frequency: The horizontal interval is the time taken to display one horizontal line. When 1 is divided by the horizontal interval, the number of horizontal lines displayed every second can be tabulated as the horizontal frequency. The unit is kHz.

LICENSES

Supported licenses may differ by model. For more information of the licenses, visit www.lg.com.



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TO SEE THE WEB MANUALS (SOFTWARE USER GUIDE / INSTALLATION MANUAL)

You can find more information about the LG Digital Signage (Monitor Signage) in the web manuals (Software User Guide / Installation Manual).

For more information, visit the LG website at <http://partner.lge.com>.



The model and serial number of the product are located on the back and on one side of the product. Record them below in case you ever need service.

MODEL _____
SERIAL NO. _____

Temporary noise is normal when powering ON or OFF this device.