![LG Life's Good]

OWNER'S MANUAL

LG Digital Signage

(MONITOR SIGNAGE)

Please read this manual carefully before operating your set and retain it for future reference.

|	
65TR3PJ-B	65TR3PJ-I
75TR3PJ-B	75TR3PJ-I
86TR3PJ-B	86TR3PJ-I
98TR3PJ-B	98TR3PJ-I

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TABLE OF CONTENTS

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.
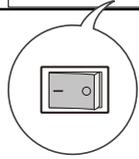
Checking the Accessories

98TR3PJ-I / 98TR3PJ-B
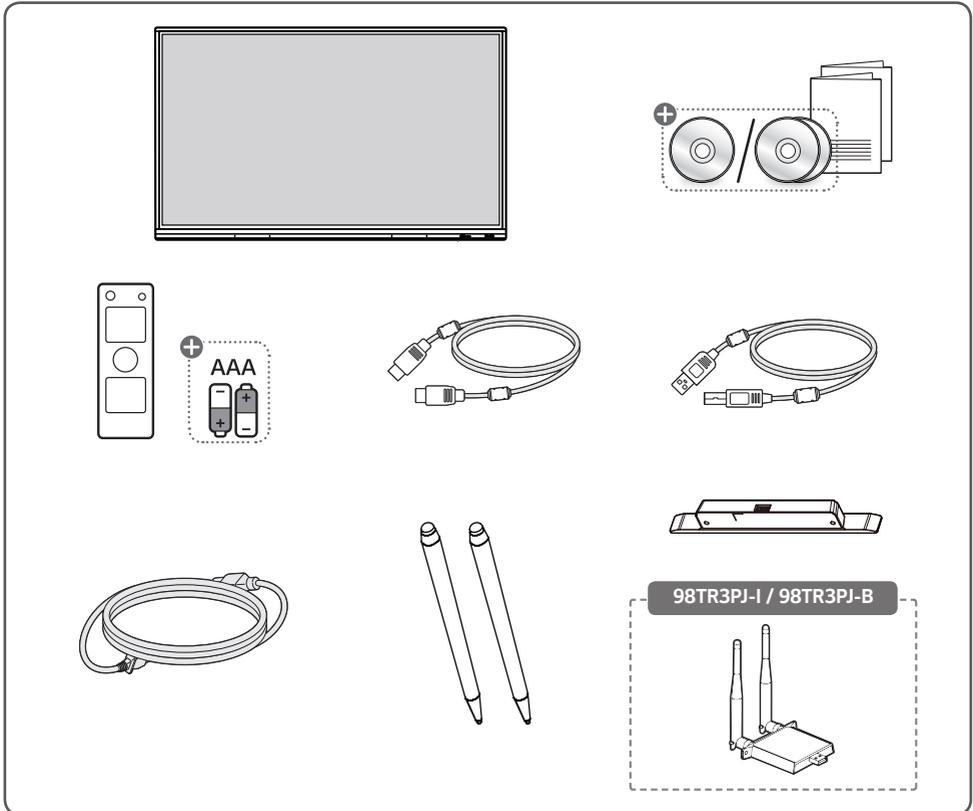
⊕ Depending on country

Learning the Buttons

The image may be different according to the model.

65/75/86TR3PJ-B, 65/75/86TR3PJ-I

98TR3PJ-B, 98TR3PJ-I
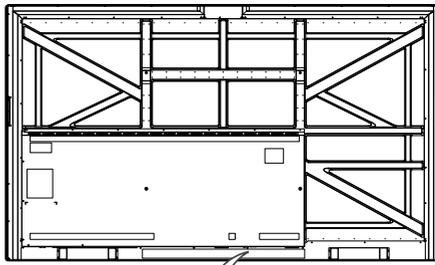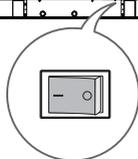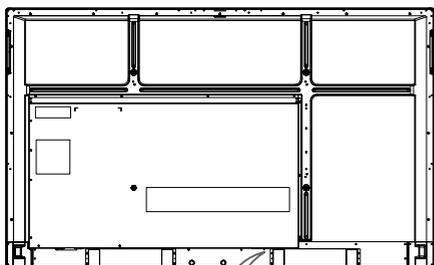
	Power	Turns the power on or off.
⬭ / ◯		
⬛		

GETTING READY

⚠ CAUTION
• Always use genuine components to ensure safety and product performance.
• The product warranty will not cover damage or injury caused by the use of counterfeit components.

🛈 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.

Precaution When Using the Touch Pen

When the touch pen is worn as shown in the figure, replace it.
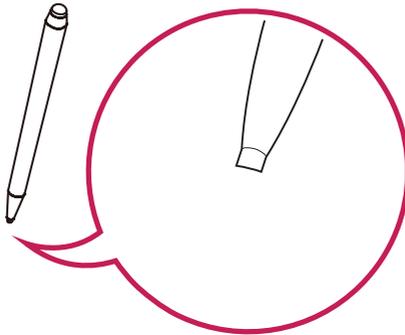
CHECKING BEFORE INSTALLATION

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

Installation Orientation

Tilt Angle
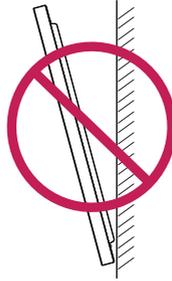
Ceiling, Floor Orientation
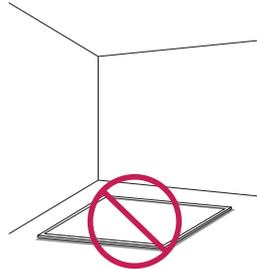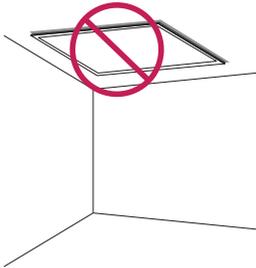
Installation Location

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

Indoor

Installing on a Wall
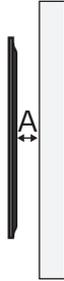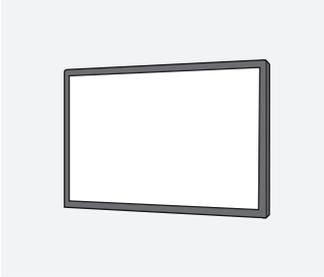
A: 100 mm or more

• The warranty will not cover any damage caused by using the product in direct sunlight on the front panel.

Installing on a Recessed Wall
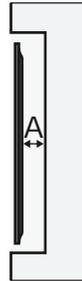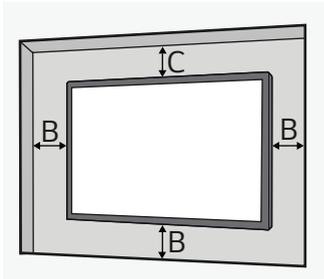
A: 100 mm or more

B: 100 mm or more

C: 100 mm or more

• The warranty will not cover any damage caused by using the product in direct sunlight on the front panel.

Outdoor

Outdoor Enclosed

Wall Mount Holder

To install the monitor on a wall, attach a wall mount holder (optional) to the back of the monitor.

Take caution, and ensure that the wall mount holder (optional) is securely fixed to the monitor and to the wall.

The VESA dimensions of the wall mount by model are as follows.
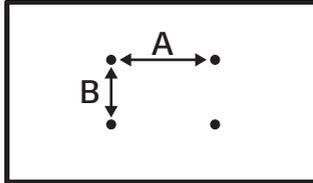
Model	VESA Dimensions (A x B) (mm)	Standard Dimensions	Length (Maximum) (mm)	Quantity
65TR3PJ-B 65TR3PJ-I	600 x 400	M8	25	4
75TR3PJ-B 75TR3PJ-I	800 x 400	M8	25	4
86TR3PJ-B 86TR3PJ-I	800 x 600	M8	25	4
98TR3PJ-B 98TR3PJ-I	800 x 600	M8	25	4

⚠ CAUTION

• Disconnect the power cord first, and then move or install the monitor. Otherwise, it may result in electric shock.

• If the monitor is installed on a ceiling or inclined wall, it may fall and result in injury.

• Damage to the monitor by tightening the screws too tightly may void your warranty.

• Use screws and wall mount plates conforming to VESA standards. Breakage or personal injury due to use or misuse of inappropriate components is not covered by the warranty of this product.

❶ NOTE

• Using screws longer than the indicated depth may damage the inside of the product. Be sure to use the proper length.

• For more information on installation, please refer to the user manual for the wall mount.

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 color and text color at equal intervals.
- Afterimages occur less when the colors to be changed are complementary to one another.

ITO or MoTi Pixel Layer
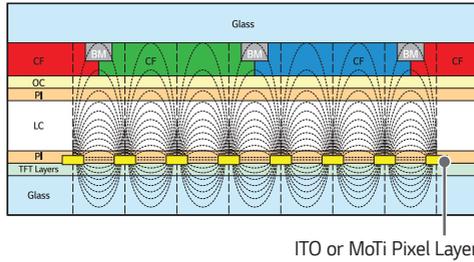
2 Switch the screen at equal time intervals.
- Take caution, and ensure that text or images from before the screen change are not left in the same location after the screen change.

PRODUCT SPECIFICATIONS

The product specifications below may be changed without prior notice due to upgrade of product functions.
" ~ " refers to alternating current (AC), and "⎓" refers to direct current (DC).

Input/ Output ports	HDMI IN 1, HDMI IN 2, HDMI IN 3, VGA IN, USB 3.0 IN, USB 2.0 IN, LAN, AUDIO IN/OUT, RS-232C IN, TOUCH USB, OPS, SPDIF, HDMI OUT, USB 3.1 IN (USB Type-C)	
Embedded battery	Applied	
Resolution	Recommended Resolution Maximum Resolution	VGA: 1920 x 1080 @ 60 Hz HDMI1/ HDMI2/ HDMI3: 3840 x 2160 @ 60 Hz - This may not be supported on some OS or graphic card types.
Environmental Conditions	Operating Temperature Operating Humidity	0 °C to 40 °C 10 % to 80 % (Condition for preventing condensation)
	Storage Temperature Storage Humidity	-20 °C to 60 °C 5 % to 85 % (Condition for preventing condensation) * Product box packaging storage conditions

* Touch Screen

OS (Operating System)	Windows 10/ Windows 8/ Windows 7/ Android/ Linux/ macOS (Linux/ macOS are supported with the 1 Point touch function.)	20 Points
	Chrome OS	16 Points
	Space between touches: at least 25 mm or more	

* Applicable only for models that support the speakers

Audio	RMS Audio Output	65/75/86TR3PJ-B 65/75/86TR3PJ-I	12 W + 12 W (R + L)
		98TR3PJ-B 98TR3PJ-I	16 W + 16 W (R + L)
	Input Sensitivity	0.2 ~ 2 Vrms	
	Speaker Impedance	65/75/86TR3PJ-B 65/75/86TR3PJ-I	8 Ω
		98TR3PJ-B 98TR3PJ-I	6 Ω

65TR3PJ-B 65TR3PJ-I		
Power	Power Voltage	100-240 V~ 50/60 Hz 4.0 A
	Power Consumption	On Mode: 400 W (Max) Standby Mode: ≤ 0.5 W
Dimensions (Width x Height x Thickness)/ Weight	1,488.4 mm x 896.7 mm x 86.3 mm/ 40.2 kg	

75TR3PJ-B 75TR3PJ-I		
Power	Power Voltage	100-240 V~ 50/60 Hz 5.0 A
	Power Consumption	On Mode: 500 W (Max) Standby Mode: ≤ 0.5 W
Dimensions (Width x Height x Thickness)/ Weight	1,709.4 mm x 1,020 mm x 86.3 mm/ 52.2 kg	

86TR3PJ-B 86TR3PJ-I		
Power	Power Voltage	100-240 V~ 50/60 Hz 6.0 A
	Power Consumption	On Mode: 600 W (Max) Standby Mode: ≤ 0.5 W
Dimensions (Width x Height x Thickness)/ Weight	1,957 mm x 1,159.8 mm x 86.3 mm/ 65.75 kg	

98TR3PJ-B 98TR3PJ-I		
Power	Power Voltage	100-240 V~ 50/60 Hz 6.0 A
	Power Consumption	On Mode: 630 W (Max) Standby Mode: ≤ 0.5 W
Dimensions (Width x Height x Thickness)/ Weight	2,244.7 mm × 1,323.2 mm × 89.5 mm/ 103.55 kg	

VGA (PC) Support mode

Resolution	Horizontal frequency (kHz)	Vertical frequency (Hz)	Remark
640 x 480	31.469	59.94	
800 x 600	37.879	60.317	
1024 x 768	48.363	60.004	
1280 x 768	47.396	59.99	
1280 x 960	60	60	
1280 x 1024	63.981	60.002	
1360 x 768	47.712	60.015	
1440 x 900	55.469	59.9	
1680 x 1050	65.29	59.954	
1920 x 1080	67.5	60	

USB Type-C Support Mode

Resolution	Horizontal frequency (kHz)	Vertical frequency (Hz)	Remark
640 x 480/60 Hz	37.927	59.94	
800 x 600/60 Hz	37.879	60.317	
1024 x 768/60 Hz	48.363	60.004	
1280 x 768/60 Hz	47.396	59.995	
1280 x 960/60 Hz	60	60	
1280 x 1024/60 Hz	63.981	60.002	
1360 x 768/60 Hz	47.712	60.015	
1440 x 900/60 Hz	55.469	59.901	
1680 x 1050/60 Hz	65.29	59.954	
1920 x 1080/60 Hz	67.5	60	
480p/60 Hz	31.5	60	
576p/50 Hz	31.25	50	
720p/60 Hz	45	60	
1080p/60 Hz	67.5	60	
1080p/50 Hz	56.25	50	
1080p/30 Hz	33.75	30	
1080p/25 Hz	28.125	25	
1080p/24 Hz	27	24	
1080p/23 Hz	26.973	23.976	
3840 x 2160/60 Hz	135	60	
3840 x 2160/50 Hz	112.5	50	
3840 x 2160/30 Hz	67.5	29.97	
3840 x 2160/25 Hz	56.25	25	
3840 x 2160/24 Hz	54	23.982	

HDMI/ OPS Support Mode

Resolution	Horizontal frequency (kHz)	Vertical frequency (Hz)	Remark
720(1440) x 480i/60 Hz	15.734	60	
480p/59 Hz	31.469	59.94	
480p/60 Hz	31.5	60	
576i/50 Hz	15.625	50	
576p/50 Hz	31.25	50	
720p/60 Hz	45	60	
1080i/60 Hz	33.75	60	
1080i/59 Hz	33.716	59.94	
1080i/50 Hz	28.125	50	
1080p/60 Hz	67.5	60	
1080p/59 Hz	67.443	59.94	
1080p/50 Hz	56.25	50	
1080p/23 Hz	26.973	23.976	
1080p/24 Hz	27	24	
1080p/25 Hz	28.125	25	
1080p/29 Hz	33.716	29.97	
1080p/30 Hz	33.75	30	
3840 x 2160/24 Hz	54	23.982	
3840 x 2160/25 Hz	56.25	25	
3840 x 2160/30 Hz	67.5	30	
3840 x 2160/50 Hz	112.5	50	
3840 x 2160/60 Hz	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*.

The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

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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.