LG
Life's Good

OWNER'S MANUAL

PORTABLE MONITOR

For safe and convenient use, please read this owner's manual carefully before starting to use the product.

MFL05762702

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ENGLISH

Contents

Important Safety Precautions 1
Checking the Components 2
Product Tour 2
Using Stand 3
Connecting Monitor 3
Using the Monitor OSD Menu 5
Installing SW 5
Pre-Tech Support Checklist 6
Appendix 7
- Product Specifications 7
- Factory Default Mode 7
- Manufacturer and Copyright 8
- Open Source Software Notice Information 8
- Symbols 8

Important Safety Precautions

Check the following 'Important Safety Precautions' to prevent unexpected danger or damage in advance.

'Important Safety Precautions' is divided into 'WARNING' and 'CAUTION.'

⚠ **WARNING:** Noncompliance with the instruction may cause serious physical damage or fatal injuries.

⚠ **CAUTION:** Noncompliance with the instruction may cause minor damage to the body or the machine.

While using product

⚠ WARNING	• Use the product in a safe place where there is no danger of the product falling. • Do not use the product in a dusty or humid place. • Do not use the product in a high or low-temperature environment. • Do not touch the power cord with your hands wet. • Keep the power cable port free of foreign substances. • Clean the product with a proper agent and dry it completely before using it again.
⚠ CAUTION	• Do not press the monitor screen with fingers or put objects on it. • Do not tap or scratch the screen with a sharp object. • If the screen is damaged, do not touch it with your hands. • Keeping a paused image on the screen for an extended period of time may result in screen burn-in. • Use a screensaver, etc. • When its temperature is low, turning on the monitor may cause momentary blinking of the screen. • If this is the case, you may see some red, green, and blue spots on the screen but it is normal.

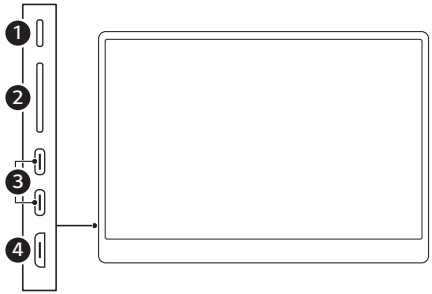
Checking the Components

- Monitor body
- Owner's Manual
- Pouch
- USB-C® Cable
- mini HDMI cable

Product Tour

The product may differ in shape and color from the product images included in this Owner's manual.

Front

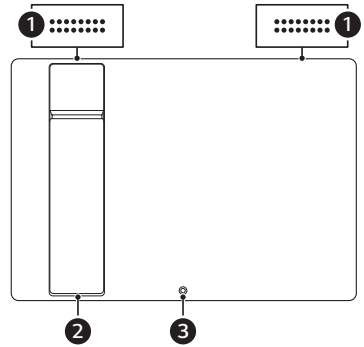


1. Power / Menu Button[1]
2. Up / Down Button
3. USB-C® Port[2]
4. mini HDMI Port

1 Allows you to turn on or off power.
(When turning off, press and hold for more than 2 seconds.)

2 The USB-C® port only supports PD (Power Delivery)* and connection to external display screens.
* Supported when connecting the PD charger

Back



1. Built-in Speakers
2. Stand
3. Tripod Mount Nut[1]

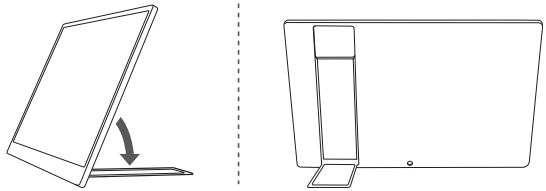
1 Use a camera-dedicated tripod.
Tighten tripod fixing screws to prevent the monitor from moving.

⚠ CAUTION

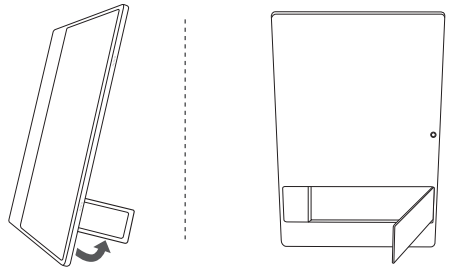
- Using a product other than a camera-dedicated tripod may cause damage to the monitor.
- If the tripod fixing screws are tightened with excessive force, the monitor may fall due to damage in the screw holes.

Using Stand

You can use the stand at the rear of the monitor to use in Horizontal Mode or Vertical Mode.



[Horizontal Mode]



[Vertical Mode]

CAUTION

- When adjusting the stand angle, do not forcibly spread it for more than 80 °. It may cause product damage.
- Your fingers may get stuck in the stand.

Connecting Monitor

Connect the cable that fits the display port of the device to be connected with the monitor.

For stable use of the monitor, it is recommended to connect and use the PD charger.

CAUTION

- If a cable incompatible for the monitor port is connected, a connector or port may be damaged.

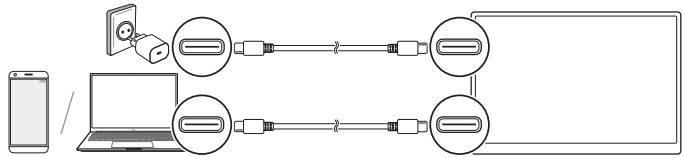
NOTE

- The PD charger is sold separately and is not provided with the product.
- The build-in speaker of the monitor operates only if the PD charger with more than 25 W is connected.
- Some PCs may not support monitor connection.
- Use the cable provided with the monitor or a cable certified by LG Electronics. The monitor may not operate when other cables are used.

Connecting with USB-C® to USB-C® Cable

1 Connect the PD charger to the monitor.

2 Use the provided cable to connect the laptop or smartphone with the monitor.



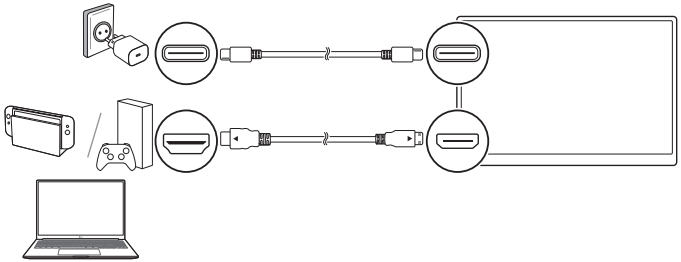
NOTE

- A device you want to connect to the monitor must support power output (USB PD) with more than 10 W (5 V / 2 A) and DisplayPort Alternate Mode (DP Alt Mode).
- If the power consumption provided by the PD charger is low, the battery level of the device connected to the monitor may decrease.

Connecting with mini HDMI to HDMI Cable

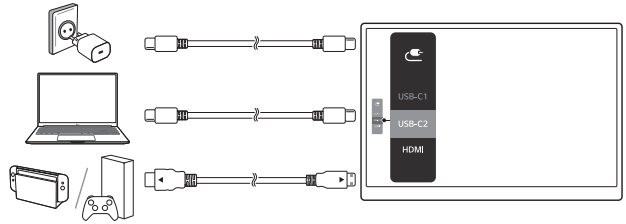
1 Connect the PD charger to the monitor.

2 Use the provided cable to connect the laptop and game console/other devices with the monitor.



Switching Input Screen

When multiple devices are connected to the monitor, you can switch the input screen with a desired device for use.



1 Press the [Power / Menu] button multiple times to switch to the [Input Selection] menu.

2 Press the [Up / Down] button to select a connected device.

3 Press the [Power / Menu] button to switch the input screen.

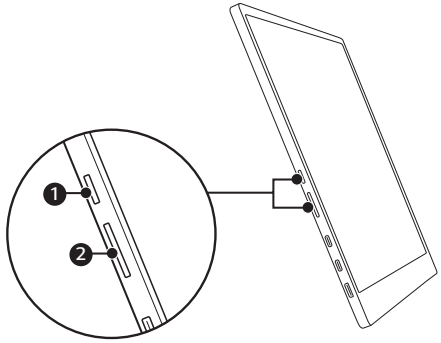
CAUTION

- If the PD charger is not connected, the monitor may not operate normally.

NOTE

- The PD charger is sold separately and is not provided as a component.
- To use the USB PD (Power Delivery) function, you need a PD charger with 25 W or higher. (It is recommended to use a PD charger with 45 W or higher.)
- Connecting a 65 W PD charger supports the maximum 45 W of PD output. Connecting a 45 W PD charger supports the maximum 27 W of PD output. Connecting a 25 W PD charger supports the maximum 5 W of PD output.
- The PD function does not operate while the Sleep mode or power is turned off. When not used for a long time, remove the cable.
- Some smartphone chargers and PCs may not support the PD or Sink function.

Using the Monitor OSD Menu



Button	Description
1 Power / Menu	Press the [Power / Menu] button to turn the power on or off. (When turning off, press and hold for more than 2 seconds.) Each time the [Power / Menu] button is pressed, it switches in the order of [Screen Brightness] > [Volume] > [Input Selection].
2 Up / Down button	Screen brightness (bright / dark) and volume (low / high) are adjusted.

Installing SW

Install LG Switch and use various functions such as screen split, monitor settings, and screen switch easily and conveniently.

1 Visit the LG Electronics website.

2 Press [Support] > [Downloading] and then search “Product Model Name (17MT70)”

3 Select “LG Switch” and start installing the software.

NOTE

- After LG Switch is installed, you can see how to use it from the Help menu provided inside the app.
- The Auto Screen Rotation function is available only while LG Switch is enabled.

Pre-Tech Support Checklist

If the following symptoms appear while using the product, check again.
It may not be a malfunction.

Symptom	Cause and Solution
The screen stays blank or the power does not turn on.	• Check if the device connected to the monitor supports DisplayPort Alternate Mode (DP Alt Mode) and USB Power Delivery (USB PD). • Use the cable provided with the monitor to check if the monitor and device are connected properly. • If the PD charger is not connected to the monitor, connect the PD charger. • If the smartphone is not connected, connect the USB-C® cable to the monitor first, and then connect the smartphone.
The monitor's supported frequency range has been exceeded.	• This phenomenon occurs when the signal sent from the PC exceeds the horizontal or vertical frequency range. Refer to the Factory Mode settings and reset the frequency.
The screen looks unclear.	• Setting the screen resolution to any other than the recommended (optimal) resolution may result in blurry text or dimming, cropping, or tilting of the screen. Use the recommended screen resolution setting.
There are spots on the screen.	• You may see a few pixel spots (red, green, blue, white, black) on the screen while using the monitor. This is a normal phenomenon of an LCD screen. This is unrelated to the monitor performance and is not an abnormality.
I can't charge.	• Check if the adapter supports PD charging. It is recommended to use a PD charger with 45 W or higher.
I don't hear any sound.	• Connect the PD charger to the monitor. • The built-in speaker of the monitor operates only when the PD charger is connected. • Change the speaker output of the device connected to the monitor to the monitor. • For details, refer to the Owner's manual of the device connected to the monitor.

Appendix

Product Specifications

Display	17 inch (43.2 cm) IPS LCD		
Color Depth	16.7 million colors (8 bits)		
Resolution	Maximum Resolution	2560 x 1600 @ 60 Hz	
	Recommended Resolution	2560 x 1600 @ 60 Hz	
Display Standard Supported	DisplayPort Alternate Mode (DP Alt Mode), mini HDMI		
Power	Rated	5 - 20 V ⎓ 3.25 A	
	Power Consumption	Operation mode: 10 W general	
Environment	Operation	Temperature	+32 °F to +104 °F (0 °C to 40 °C)
		Humidity	Lower than 80 %
	Storage	Temperature	-4 °F to +140 °F (-20 °C to 60 °C)
		Humidity	85 % or lower
Dimensions (not including package)	14.9 (width) x 10.5 (height) x 0.35 inch (thickness) / (379.7 (width) x 264.9 (height) x 8.9 mm (thickness))		
Weight (not including package)	Approx. 27.5 oz (780 g)		

NOTE

- Power consumption in On Mode was measured under LGE's standard testing conditions (full white pattern, maximum resolution, maximum brightness).
- The product specifications are subject to change without notice for product improvement.
- Power consumption level may differ depending on the operating conditions and monitor settings.
- Power consumtion is based on the factory default settings and may vary depending on usage conditions.

Factory Default Mode

Preset Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Polarity (H/V)
640 x 480	29.38	59.46	+/-
800 x 600	36.98	59.84	+/-
1024 x 768	47.30	59.87	+/-
1152 x 720	44.40	59.92	+/-
1280 x 800	49.31	59.91	+/-
1600 x 1000	61.65	59.91	+/-
1680 x 1050	64.67	59.88	+/-
1920 x 1200	74.04	59.95	+/-
2560 x 1440	88.79	59.95	+/-
2560 x 1600	98.71	59.97	+/-

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LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com.

This offer is valid to anyone in receipt of this information for a period of three years after our last shipment of this product.

Symbols

~	Refers to alternating current (AC).
⎓	Refers to direct current (DC).
⧈	Refers to class II equipment.
⏻	Refers to stand-by.
|	Refers to “ON” (power).
⚡	Refers to dangerous voltage.

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