



Owner's Manual

Wearable Air Purifier Case

Read this owner's manual thoroughly before operating the appliance and keep it handy for reference at all times.

ENGLISH

PWKAUW01



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This manual may contain images or content different from the model you purchased.
This manual is subject to revision by the manufacturer.

SAFETY PRECAUTIONS

Please make sure to read the following safety precautions as they are designed to prevent unexpected danger and damage. These safety precautions are divided into two sections, Warning statements and Caution statements.



WARNING: Failure to follow the instructions laid down in this manual may cause serious injury or death.



CAUTION: Failure to follow the instructions laid down in this manual may cause minor injury or product damage.

Using the Product



WARNING

- Do not use or charge the product when it is wet. If the product has been submerged, stop using the product and contact an LG Electronics Customer Information Center.
- Do not use or store firearms, combustibles or inflammables near the product.
- Do not place magnetic material near the product's status indicator light. Doing so may cause a UVC LED malfunction which may result in personal injury.
- Do not disassemble or damage the product or parts.
- Do not use the product for purposes other than its intended purpose. Do not use the product when it is damaged.
 - This device contains a UVC emitter which cannot be replaced by consumers.
 - Using the device in an unintended way may cause harmful UVC emitter to leak.
- Do not come into contact with the UVC radiator or look directly at the light (UV rays).
 - Exposure to UVC radiation, even in very small amounts, can harm eyes and skin.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.

- Children should be supervised to ensure that they do not play with the appliance.
- Do not use in a vehicle or environment other than the given service environment.
- If any abnormal noises, smells or smoke appear from the product, immediately stop using the product, and call an LG Electronics Customer Information Center.
- Do not allow the cable to be compacted by a heavy object, bent forcibly, or damaged by a pet.
- The appliance must only be supplied at safety extra low voltage corresponding to the marking on the appliance.
- Before cleaning, turn the product off and unplug it.
- Do not allow foreign substances such as water, coffee or cola to enter the product.
- Dispose of the packing materials safely so as to keep them out of the reach of children.



CAUTION

- Do not clean the product with a strong detergent such as a solvent.
- Avoid subjecting the product to severe impacts.

Storing the Product



WARNING

- Do not place the product near a car window exposed to direct sunlight or on top of an electric pad or heater.
- Do not place the product near a humid area such as a sauna, a swimming pool or a bathroom.

UNPACKING

Components



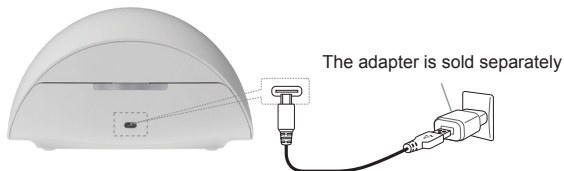
Wearable Air Purifier Case



Power Cable

Supplying Power

The case requires an AC adapter (not included) to use.



- Connect the device and power cable to an AC adapter before use.

NOTE

- The appliance must only be supplied at safety extra low voltage corresponding to the marking on the appliance from an AC adapter (5 V, 1.8 A or higher). The AC adapter should be purchased separately. Use of an AC adapter lower than 1.8 A may cause the product to become inoperative or malfunction.
- When connecting to a vehicle USB port or a PC USB port, the current may be lower than the outlet current, which may cause product failure.

OPERATION

Appliance Overview

Front View



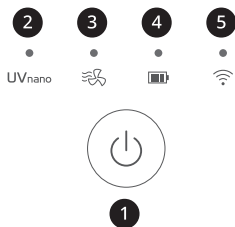
Rear View



Inside

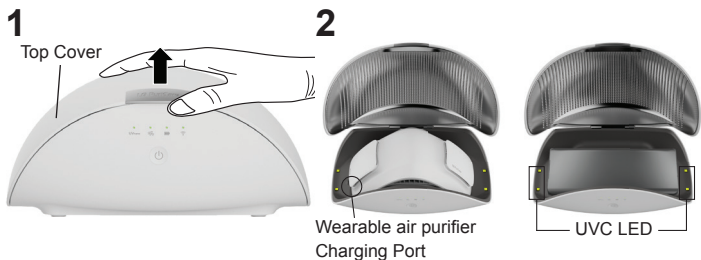


Power and Status Display



- 1 Power button
- 2 UVnano indicator light
- 3 Filter drying indicator light
- 4 Wearable air purifier charge indicator light
- 5 Wi-Fi operation light

Inserting a Wearable Air Purifier or Mobile Phone



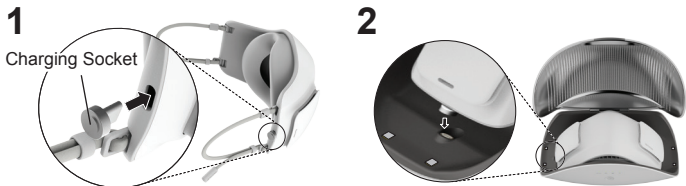
- 1** To open the product, hold the LG Puricare logo and the top cover.
- 2** Insert the wearable air purifier or mobile phone in the case as shown.
 - Fold the wearable air purifier's ear straps and hooks inward before inserting it with the charging port on the left.
 - Insert a mobile phone with the screen facing up.

✔ NOTE

- Do not cover the left or right UVC LEDs of the product when inserting a mobile phone. The Bacteria removal performance may be compromised.
-

Charging the Wearable Air Purifier

The battery on the wearable air purifier can be charged while the wearable air purifier is in the case.



- 1 Plug the charging socket into the charging port on the wearable air purifier.
 - The charging socket is located inside the case.
- 2 Connect the charging socket to the charging terminal in the case, and plug in the case.
 - When the charging socket is connected, the wearable air purifier charge indicator light on the case shows the charging status of the wearable air purifier.

Color of Wearable Air Purifier Charge Indicator Light	Charge Status
Green	Charging completed
Red	Charging in progress

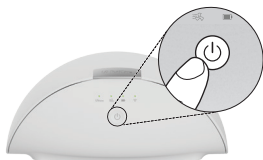
NOTE

- The wearable air purifier requires approximately 2 hours to charge.
 - The charging time of the wearable air purifier varies depending on the usage environment.
 - If the filter drying mode is running while the wearable air purifier is charging, it may take longer to charge.

CAUTION

The recommended temperature range for charging the wearable air purifier in the case is 5 °C to 32 °C. Charging the wearable air purifier at a temperature outside the recommended temperature range may reduce wearable air purifier life or increase the charging time, and charging could be suspended for safety reasons.

Beginning Operation and Changing Mode



Press the **Power** button to begin operation. Press the **Power** button repeatedly to change the operating mode.

- When the **Power** button is pressed, the product will turn on and operate in the UVnano mode. Each time the **Power** button is pressed, the product operation mode will change, from UVnano mode→Filter Drying mode→Product OFF.
- To turn on the Wi-Fi product connection mode, press and hold the Power button for at least 3 seconds.
 - The Wi-Fi connection status is indicated by the Wi-Fi operation indicator light.

Status of Wi-Fi operation indicator light	Description
On	Completion of Wi-Fi product registration
Flashing	Activation of Wi-Fi product registration mode

NOTE

- Before opening the Top Cover, press the **Power** button to turn the case off.
- If the top cover is opened, the product automatically stops operating and disables the function.
- The Filter Drying mode operates when the wearable air purifier is connected to the charging socket and inserted in the case.
- If the Wi-Fi function does not connect after 7 minutes, the Wi-Fi operation indicator light will turn off.
- For detailed information regarding the Wi-Fi function, refer to the Using the Smart Functions section.

UVnano Mode

The UVnano mode removes bacteria from the surfaces of the wearable air purifier or mobile phone using ultraviolet rays (UVC).

- It takes about 30 minutes to complete.
- The UVnano mode operating status is indicated by the UVnano indicator light.

Color of UVnano Indicator Light	UVnano mode operating status
Green	Completed
Red	In progress

✔ NOTE

- “UVnano” is a compound word derived from the words “UV” (ultraviolet rays) and “nanometer” (unit of length).
- For details about the bacteria removal performance, refer to the product information for the wearable air purifier case on the www.lg.com website.
- If the UVnano indicator light is flashing, contact an LG Electronics Customer Information Center to set up service, as there may be a problem with the bacteria removal performance.

Filter Drying Mode

The Filter Drying mode dries the filter and removes bacteria from the wearable air purifier at the same time.

- The Filter Drying mode dries the filter using the fan on the wearable air purifier.
- It takes about 4 hours to dry the filter completely.
- The bacteria removal status for the wearable air purifier is indicated by the UVnano indicator light.
- The filter drying status is indicated by the filter drying indicator light.

Color of Filter Drying Indicator Light	Description
Green	Filter drying finished
Red	Filter drying in progress

✔ NOTE

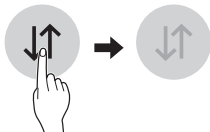
- The Filter Drying mode operates when the wearable air purifier and the case are connected via the charging socket.
- If the filter drying indicator light flashes, check the connection between the wearable air purifier and charging socket, and between the charging socket and the case.

USING THE SMART FUNCTIONS

Using the LG ThinQ Application

For easy access to detailed status information on the wearable air purifier and wearable air purifier case, install the LG ThinQ application on a smartphone.

- 1 Turn off the data function of the smartphone.
 - On an Android phone, turn off the mobile data.
 - On an iOS phone, turn off the cellular data.



- 2 Connect the smartphone to Wi-Fi in the home.
 - Do not choose a Wi-Fi network with “5G” in its name. The model installed in the appliance only supports 2.4 GHz.
- 3 Search for and install the LG ThinQ app.
 - On an Android phone, search for the LG ThinQ app in the Google Play Store.
 - On an iOS phone, search for the LG ThinQ app in the Apple App Store.
- 4 Once the app is installed on the smartphone, open the LG ThinQ app.
- 5 Log into the LG ThinQ app.
 - Log in using an account that’s being used currently or create an LG account to log in.
- 6 Press the add product button (+) and select the Wearable Air Purifier Case.
 - Follow the guide of the LG ThinQ app to connect the product.

NOTE

- To verify the Wi-Fi connection, check that the Wi-Fi operation indicator light on the status display is lit.
 - The appliance supports 2.4 GHz WiFi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.
 - LG ThinQ is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
 - If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.
 - The Wi-Fi connection may not connect or may be interrupted because of the home network environment.
 - The network connection may not work properly depending on the Internet service provider.
 - The surrounding wireless environment can make the wireless network service run slowly.
 - If the appliance cannot be connected due to problems with the wireless signal transmission, unplug the charging cable and wait about a minute before trying again.
 - If the firewall on your wireless router is enabled, disable the firewall or add an exception to it.
 - The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
 - Smartphone user interface (UI) may vary depending on the mobile operating system (OS) and the manufacturer.
 - If the security protocol of the router is set to WEP, you may fail to set up the network. Please change it to another security protocol (WPA2 is recommended) and connect the product again.
-

Guide to LG ThinQ App Functions

Providing Status Information

The PuriCare filter usage, accumulated time wearing the wearable air purifier, operation status of the UVnano mode and Filter Drying mode, and the wearable air purifier battery usage can all be checked.

✔ NOTE

- If the wireless router, Internet Service Provider or password is changed, delete the connected product from the LG ThinQ app and connect it again.
 - The contents of this manual may vary according to different versions of the LG ThinQ application and some contents are subject to change without notice to users.
 - Available functions may vary across models.
 - For reasons not attributable to LGE's negligence, the service may not operate due to external factors such as, but not limited to, Wi-Fi unavailability, Wi-Fi disconnection, local app store policy, or app unavailability.
 - The feature may be subject to change without prior notice and may have a different form depending on where you are located.
-

Cleaning the Product

Cleaning the Product Exterior

Soak a soft cloth in water, squeeze it dry and use it to clean the exterior of the product.

Cleaning the Product Interior

Clean the inside of the product with a soft, dry cloth.



CAUTION

- To prevent risk of product failure, fire, or an electric shock, do not allow water to enter the product during cleaning.
 - Do not clean the product with a strong detergent such as a solvent.
-

TROUBLESHOOTING

Before Calling for Service


If a failure occurs in the product, check the following before contacting the Service Center.

Symptoms	Solution
The appliance does not operate.	<ul style="list-style-type: none">• No power is supplied. Connect a suitable AC adapter (5 V, 1.8 A) and check if the charging cable is properly connected with reference to the Supplying Power section.
	<ul style="list-style-type: none">• The top cover is not closed. Close the top cover.
The wearable air purifier cannot be charged.	<ul style="list-style-type: none">• The case and the wearable air purifier are not connected. Check the connection between the wearable air purifier and charging socket, and between the charging socket and the case.
	<ul style="list-style-type: none">• No power is supplied. Connect a suitable AC adapter (5 V, 1.8 A).
The filter drying indicator light keeps flashing.	<ul style="list-style-type: none">• The case and the wearable air purifier are not connected. If the filter drying indicator light flashes, check the connection between the wearable air purifier and charging socket and between the charging socket and the case.

Symptoms	Solution
There is no Wi-Fi connection.	<ul style="list-style-type: none"> • The router is turned off. Turn on the router.
	<ul style="list-style-type: none"> • The smartphone's automatic network connection function is turned on. If there is an 'automatic mobile data switching,' 'smart network switching,' 'pass point' or 'no Internet use' option in the Advanced Options ("See more") in mobile Wi-Fi settings, uncheck the option. The option name may differ depending on the manufacturer/mobile carrier.
	<ul style="list-style-type: none"> • The password for the Wi-Fi that you are trying to connect to is incorrect. Find the Wi-Fi network connected to your smartphone and remove it, then register your appliance on LG ThinQ.
	<ul style="list-style-type: none"> • Mobile data for your smartphone is turned on. Turn off the Mobile data of your smartphone and register the appliance using the Wi-Fi network.
	<ul style="list-style-type: none"> • The wireless network name(SSID) is set incorrectly. The wireless network name(SSID) should be a combination of English letters and numbers. (Do not use special characters.)
	<ul style="list-style-type: none"> • The router frequency is not 2.4 GHz. Only a 2.4 GHz router to 2.4 GHz and connect the appliance to the wireless router. To check the router frequency, check with your internet service provider or the router manufacturer.
	<ul style="list-style-type: none"> • The distance between the appliance and the router is too far. If the distance between the appliance and the router is too far, the signal may be weak and the connection may not be configured correctly. Move the location of the router so that it is closer to the appliance.

Product Specifications

Appearance and specifications may vary without notice in order to improve the quality of this product.

Product	
Power	5 V  1.8 A (AC adapter)
Power input	7.7 W
Size (W×D×H)	216 mm x 128 mm x 105 mm
Recommended operating temperature range	5 °C ~ 32 °C
Recommended operating humidity range	15 % ~ 80 %

Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit <http://opensource.lge.com>. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

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

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