

# OWNER'S MANUAL

## AIR CONDITIONER

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

**This manual is the simplified version of original manual. You can obtain the original manual from [www.lg.com](http://www.lg.com).**

TYPE : WALL MOUNTED

Original instruction

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GAELIGE	БЪЛГАРСКИ	ENGLISH
SRPSKI	HRVATSKI	ITALIANO
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	EESTI KEEL	FRANÇAIS
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	SLOVENČINA	PORTUGUÊS
	SLOVENŠČINA	NEDERLANDS
	LATVIEŠU	POLSKI
	LIETUVIŲ	MAGYAR

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This manual is produced for a group of products and may contain images or content different from the model you purchased.


This manual is subject to revision by the manufacturer.

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# SAFETY INSTRUCTIONS

The following safety guidelines are intended to prevent unforeseen risks or damage from unsafe or incorrect operation of the appliance.

The guidelines are separated into 'WARNING' and 'CAUTION' as described below.

 This symbol is displayed to indicate matters and operations that can cause risk. Read the part with this symbol carefully and follow the instructions in order to avoid risk.

## WARNING

This indicates that the failure to follow the instructions can cause serious injury or death.

## CAUTION

This indicates that the failure to follow the instructions can cause the minor injury or damage to the product.

The following symbols are displayed on indoor and outdoor units. (for R32)



This symbol indicates that this appliance uses a flammable refrigerant. If the refrigerant is leaked and exposure to an external ignition source, there is a risk of fire.



This symbol indicates that the Operation Manual should be read carefully.



This symbol indicates that a service personnel should be handling this equipment with reference to the Installation Manual.



This symbol indicates that information is available such as the Operating Manual or Installation Manual.

# IMPORTANT SAFETY INSTRUCTIONS

## **WARNING**

**To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:**

### **Children in the Household**

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 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.

### **For use in Europe:**

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

### **Installation**

- Do not install the air conditioner on an unstable surface or in a place where there is danger of it falling.
- Contact an authorized service center when installing or relocating the air conditioner.
- Install the panel and the cover of the control box safely.
- Do not install the air conditioner in a place where flammable liquids or gases such as gasoline, propane, paint thinner, etc., are stored.
- Make sure that the pipe and the power cable connecting the indoor and outdoor units are not pulled too tight when installing the air conditioner.
- Use standard circuit breaker and fuse that conform to the rating of the air conditioner.
- Do not input air or gas into the system except with the specific refrigerant.
- Use non-flammable gas (nitrogen) to check for leak and to purge air; using compressed air or flammable gas may cause fire or explosion.

- The indoor/outdoor wiring connections must be secured tightly, and the cable should be routed properly so that there is no force pulling the cable from the connection terminals. Improper or loose connections can cause heat generation or fire.
- Install dedicated electric outlet and circuit breaker before using the air conditioner.
- Do not connect the ground wire to a gas pipe, a lightning rod, or a telephone ground wire.
- Keep any required ventilation openings clear of obstruction.

## Operation

- Be sure to use only those parts listed in the service parts list. Never attempt to modify the equipment.
- Make sure that children do not climb on or hit the outdoor unit.
- Dispose of the batteries in a place where there is no danger of fire.
- Use only the refrigerant specified on the air conditioner label.
- Cut off the power supply if there is any noise, smell, or smoke coming from the air conditioner.
- Do not leave flammable substances such as gasoline, benzene, or thinner near the air conditioner.
- Contact an authorized service center when the air conditioner is submerged by flood waters.
- Do not use the air conditioner for an extended period time in a small place without proper ventilation.
- In the event of a gas leak (such as Freon, propane gas, LP gas, etc.) ventilate sufficiently before using the air conditioner again.
- To clean the interior, contact an authorized service center or dealer. Using harsh detergents may cause corrosion or damage to the unit.
- Be sure to ventilate sufficiently when the air conditioner and a heating appliance such as a heater are used simultaneously.
- Do not block the inlet or outlet of air flow.
- Do not insert hands or other objects through the air inlet or outlet while the air conditioner is operating.
- Make sure that the power cable is neither dirty, loose, nor broken.
- Never touch, operate, or repair the air conditioner with wet hands.
- Do not place any objects on the power cable.
- Do not place a heater or other heating appliances near the power cable.
- Do not modify or extend the power cable. Scratches or peeling insulation on the power cables may result in fire or electric shock, and should be replaced.

- Cut off the power supply immediately in the event of a blackout or a thunderstorm.
- Take care to ensure that power cable could not be pulled out or damaged during operation.
- Do not touch refrigerant pipe, water pipe and any internal parts while the unit is operating or immediately after operation.

## **Maintenance**

- Do not clean the appliance by spraying water directly onto the product.
- Before cleaning or performing maintenance, disconnect the power supply and wait until the fan stops.

## **Technical Safety**

- Installation or repairs made by unauthorized persons can pose hazards to you and others.
- Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry recognized assessment specification. (for R32)
- Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants. (for R32).
- The information contained in the manual is intended for use by a qualified service technician who is familiar with the safety procedures and equipped with the proper tools and test instruments.
- Failure to read and follow all instructions in this manual can result in equipment malfunction, property damage, personal injury and/or death.
- The appliance shall be installed in accordance with national wiring regulations.
- When the power cord is to be replaced, the replacement work shall be performed by authorized personnel using only genuine replacement parts.
- This appliance must be properly grounded to minimize risk of electric shock.
- Do not cut or remove the grounding prong from the power plug.
- Attaching the adapter ground terminal to the wall receptacle cover screw does not ground the appliance unless the cover screw is metal, uninsulated, and the wall receptacle is grounded through house wiring.

- If you have any doubt whether the air conditioner is properly grounded, have the wall receptacle and circuit checked by a qualified electrician.
- The refrigerant and insulation blowing gas used in the appliance require special disposal procedures. Consult a service agent or a similarly qualified person before disposing of them.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agents or similarly qualified person in order to avoid a hazard.
- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation. (for R32)
- The appliance shall be stored in a room without continuously operating open flames (for example an operating gas appliance) and ignition sources (for example an operating electric heater).
- The appliance shall be stored so as to prevent mechanical damage from occurring.

## CAUTION

**To reduce the risk of minor injury to persons, malfunction, or damage to the product or property when using this product, follow basic precautions, including the following:**

### **Installation**

- Do not install the air conditioner in an area where it is directly exposed to sea wind(salt spray).
- Install the drain hose properly for the smooth drainage of water condensation.
- Exercise caution when unpacking or installing the air conditioner.
- Do not touch the leaking refrigerant during installation or repair.
- Transport the air conditioner with two or more people or use a forklift.
- Install the outdoor unit such that it is protected from direct sunlight. Do not place the indoor unit in a place where it is directly exposed to sunlight via the windows.
- Safely dispose of packing materials such as screws, nails or batteries using proper packaging after installation or repair.
- Install the air conditioner in a place where the noise from the outdoor unit or the exhaust fumes will not inconvenience the neighbors. Failure to do so may result in conflict with the neighbors.

## **Operation**

- Remove the batteries if the remote control is not to be used for an extended period of time.
- Make sure that the filter is installed before operating the air conditioner.
- Be sure to check if there is a refrigerant leak after installing or repairing the air conditioner.
- Do not place any object on the air conditioner.
- Never mix different types of batteries, or old and new batteries for the remote control.
- Do not let the air conditioner run for a long time when humidity is very high or when a door or a window has been left open.
- Stop using the remote control if there is a fluid leak in the battery. If your clothes or skin are exposed to the leaking battery fluid, wash off with clean water.
- Do not expose people, animals, or plants to the cold or hot wind from the air conditioner for extended periods of time.
- If the leaking battery fluid has been swallowed, wash off the inside of the mouth thoroughly and consult a doctor.
- Do not drink the water drained from the air conditioner.
- Do not use the product for special purposes, such as preserving foods, works of art, and etc. It is an air conditioner for consumer purposes, not a precision refrigeration system. There is risk of damage or loss of property.
- Do not recharge or disassemble the batteries.

## **Maintenance**

- Never touch the metal parts of the air conditioner when removing the air filter.
- Use a sturdy stool or ladder when cleaning, maintaining, or repairing the air conditioner at a height.
- Never use strong cleaning agents or solvents when cleaning the air conditioner or spray water. Use a smooth cloth.

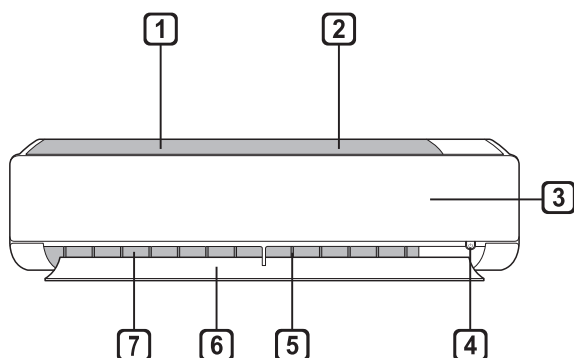
## Notes for Operation

### Suggestion for Energy Saving

- Do not cool excessively indoors. This may be harmful for your health and may consume more electricity.
- Block sunlight with blinds or curtains while you are operating the air conditioner.
- Keep doors or windows closed tightly while you are operating the air conditioner.
- Adjust the direction of the air flow vertically or horizontally to circulate indoor air.
- Speed up the fan to cool or warm indoor air quickly, within a short period of time.
- Open windows regularly for ventilation. The indoor air quality may deteriorate if the air conditioner is used for long durations.
- Clean the air filter once every 2 weeks. Dust and impurities collected in the air filter may block the air flow or reduce the unit performance.

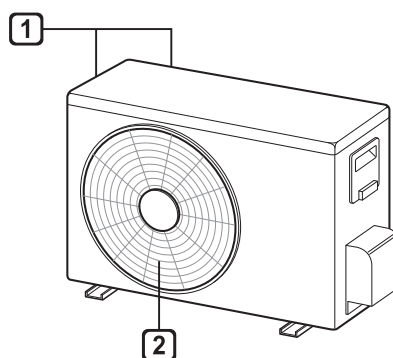
## Parts and Functions

### Indoor Unit



- 1 Air Filter
- 2 Air Intake
- 3 Front Cover
- 4 On/Off Button
- 5 Air Deflector (Vertical louver)
- 6 Air Deflector (Horizontal vane)
- 7 Air Outlet

### Outdoor Unit



- 1 Air Intake Vents
- 2 Air Outlet Vents

### NOTE

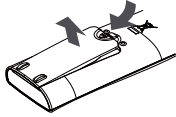
- The number and location of operation lamps may vary according to the model of the air conditioner.
- The feature may be changed according to the type of model.

# Wireless Remote Control

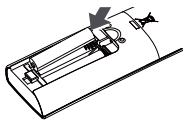
## Inserting Batteries

If the display screen of the remote control begins to fade, replace the batteries. Insert AAA (1.5 V) batteries before using the remote control.

- 1 Remove the battery cover.



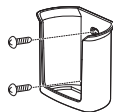
- 2 Insert the new batteries and make sure that the + and - terminals of the batteries are installed correctly.



## Installing the Remote Control Holder

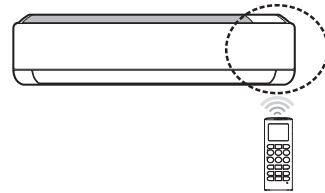
To protect the remote control, install the holder where there is no direct sunlight.

- 1 Choose a safe and easily accessible location.
- 2 Fix the holder by fastening 2 screws firmly with a screwdriver.



## Operating method



Point the remote control towards the signal receiver at the right side of the air conditioner to operate it.



### NOTE

- The remote control may operate other electronic devices if it is directed towards them. Make sure to point the remote control towards the air conditioner signal receiver.
- For proper operation, use a soft cloth to clean the signal transmitter and receiver.
- In case of a function not provided in the product, no buzzer sound occurs from the product when a button for such function on the remote control is pressed except for Air Flow Direction (SWING), Energy Display (ECONO), Air Purification function (AIR PUR).

## Setting the Current Time

- 1 Insert batteries.
  - The icon below blinks at the bottom of the display screen.
- 2 Press  or  button to select the minutes.
- 3 Press **SET/CANCEL** button to finish.



### NOTE

- The On/Off Timer is available after setting the current time.

## Using the °C/°F Conversion Function(Optional)

This function changes unit between °C and °F.

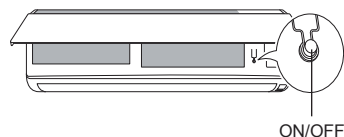
- Press and hold  button about 5 seconds.

## Operating the Air Conditioner Without the Remote Control

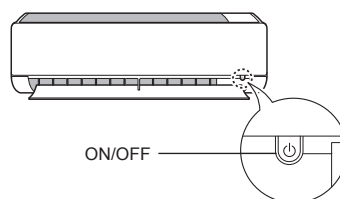
You can use the **ON/OFF** button of the indoor unit to operate the air conditioner when the remote control is unavailable.

- 1 Open the front cover (Type1) or horizontal vane(Type2).
- 2 Press the **ON/OFF** button.

### Type1



### Type2

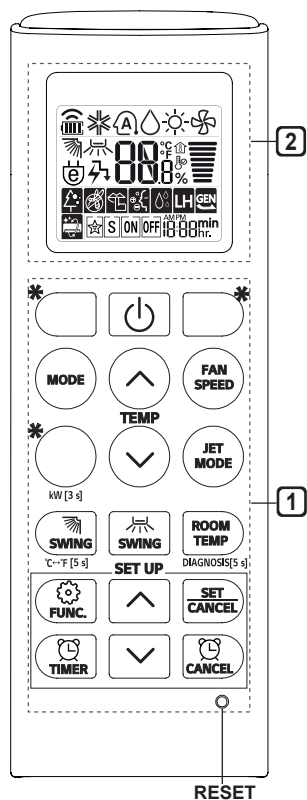


### NOTE

- The stepping motor may be broken, if the horizontal vane opens rapidly.
- The fan speed is set to high.
- The feature may be changed according to the type of model.
- The temperature cannot be altered when using this emergency On/Off button.
- For cooling & heating models, the temperature is set from 22 °C to 24 °C.

## Using Wireless Remote Control

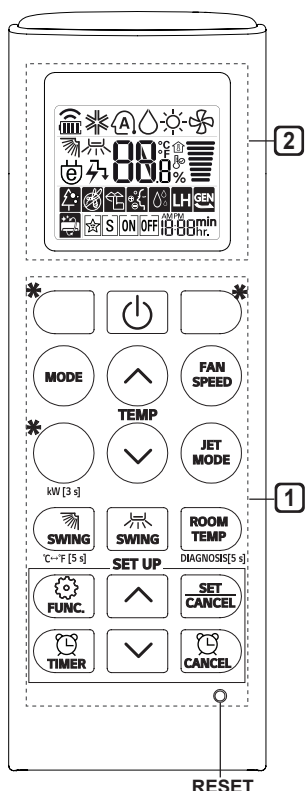
You can operate the air conditioner more conveniently with the remote control.



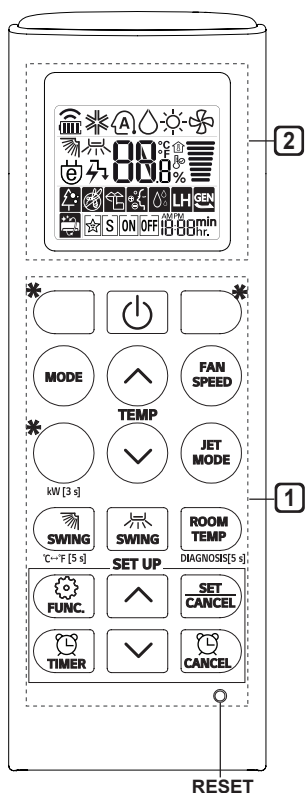
1 Button	2 Display Screen	Description	Available Function	
			Single Split	Multi
	-	To turn on/off the air conditioner.	○	○
 TEMP	88 °C	To adjust the desired room temperature in cooling, heating or auto changeover mode.	○	○
MODE		To select the cooling mode.	○	○
		To select the heating mode.	○	○
		To select the dehumidification mode.	○	○
		To select the fan mode.	○	○
		To select the auto changeover/auto operation mode.	○	○
JET MODE		To change room temperature quickly.	○	○
FAN SPEED		To adjust the fan speed.	○	○
		To adjust the air flow direction vertically or horizontally.	○	○

### NOTE

- \* buttons may be changed according to the type of model.
- When connected to the Multi Outdoor unit, the Energy Display, Energy Control, Silent and Smart Diagnosis function may not be supported.



1 Button	2 Display Screen	Description	Available Function	
			Single Split	Multi
		To turn on/off air conditioner automatically at desired time.	○	○
SET/ CANCEL	-	To set/cancel the special functions and timer.	○	○
	-	To cancel the timer settings.	○	○
	-	To adjust time.	○	○
*LIGHT OFF	-	To set the brightness of the display on the indoor unit.	○	○
ROOM TEMP		To display the room temperature.	○	○
°C↔°F[5 s]		To change unit between °C and °F.	○	○
*COMFORT AIR		To adjust the air flow to deflect wind.	○	○
kW[3 s]	-	To set whether or not to display information regarding energy.	○	×
*ENERGY CTRL		To bring the effect of the power saving.	○	×
DIAGNOSIS [5 s]	-	To conveniently check maintenance information of a product.	○	×



1 Button	2 Display Screen	Description	Available Function	
			Single Split	Multi
		To purify the air by removing particles that enters the indoor unit.	<input type="radio"/> (Optional)	<input type="radio"/> (Optional)
		To reduce noise from outdoor units.	<input type="radio"/>	<input checked="" type="radio"/>
		To remove moisture generated inside the indoor unit.	<input type="radio"/>	<input type="radio"/>
RESET	-	To Initialize the remote control settings.	<input type="radio"/>	<input type="radio"/>

#### NOTE

- Some functions may not be supported, depending on the model.
- \* buttons may be changed according to the type of model.
- Press the SET/CANCEL button to operate the selected FUNC.

**Memo**

