



LG

Ducted Split Type Air Conditioner

OWNER'S MANUAL

Model : LN-1751QCM

ENGLISH

LG

IMPORTANT

Please read through this manual. It contains valuable information about your air conditioner. This manual may help save time and money by explaining proper product maintenance and preventing improper use.

PRECAUTIONS

Pay close attention to precautions in order to prevent potential hazards and damage from misuse or improper installation. LG is not responsible for any damages caused by misuse of the product.

Ducted Split Type Air Conditioner Owner's Manual

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1. Safety Precautions

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F or Your Records

Write the model and serial numbers here:

Model # _____

Serial # _____

Also note down the following :

Dealer's Name _____

Date Purchased _____

R ead This Manual

Inside you will find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner.

You'll find many answers to common problems in the chart of troubleshooting tips. If you review our chart of **Troubleshooting Tips** first, you may not need to call for service at all.



CAUTION

- Contact the authorized service technician for repair or maintenance of this unit.
- Contact the installer for installation of this unit.
- The air conditioner is not intended for use by young children or invalids without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- When the power cord is to be replaced, replacement work shall be performed by authorized personnel only.
- Installation work must be performed in accordance with the national wiring standards by authorized personnel only.

Safety Precautions

Precautions

To prevent injury and property damage, follow these instructions.

⚠ Incorrect operation due to ignoring instructions will cause harm or damage, the seriousness of which is indicated by the following symbols.



WARNING

This symbol shows the possibility of death or serious injury.



CAUTION

This symbol indicates the possibility of injury or damage to property.



Never Do This



Always Do This

Installation precautions



WARNING

- Do not install, remove and reinstall the unit by yourself.
 - Improper installation will cause water leakage, electrical shock, or fire. Please consult authorized dealer for the installation work. Please note fault caused by improper installation is not covered by warranty.
 - Unit must be installed in an easily accessible area. Any additional cost required to hire a special equipment to service the unit will be the responsibility of the customer.



WARNING

Do not damage or use an unspecified power cord.

- It will cause electrical shock or fire.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

Do not operate switches with wet hands.

- It may cause electrical shock.

Plug in the power plug properly.

- Otherwise, it will cause electrical shock or fire due to heat generation.

Do not operate or stop the unit by inserting or pulling out the power plug.

- It will cause electrical shock or fire due to heat generation.

Do not insert your finger or stick, etc. into the air inlet/air outlet.

- Since the fan rotates at high speed, this may cause an injury or damage the unit.

Do not expose the skin to cool air directly for a long time.

- This could damage your health.

⚠ When an abnormality (smell of burning, etc) occurs, stop the air conditioner, and turn off the breaker.

- If the unit continues to be operated in an abnormal condition, it may cause a fire, trouble, etc. In this case, consult your dealer.

⚠ Repair or relocation should not be done by the customer.

- If this is done in correctly, it may cause a fire, electric shock, injury by dropping of the unit, water leakage, etc. Consult your dealer.

⚠ CAUTION

- Contact the authorized Service technician for repair or maintenance of this unit.
- Contact the authorized Service technician for installation of this unit.
- The air conditioner is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner.

⚠ CAUTION

⊘ Do not clean the air conditioner with water.

- Water may enter the unit and degrade the insulation. It may cause an electric shock.

⊘ Ventilate well when used together with a stove, etc.

- An oxygen shortage may occur.

⚠ When the unit is to be cleaned, switch off, and turn off the breaker.

- Since the fan rotates at high speed during operation, it may cause an injury.

⊘ Do not apply an insecticide or flammable spray.

- It may cause a fire or deformation of the cabinet.

⊘ Do not leave on installation stand which is damaged.

- The unit may drop or fall down and cause an injury.

⊘ When the unit is not going to be used for a long time, turn off the breaker.

- It may cause an injury.

⊘ Do not step on the outdoor unit and do not put anything on it.

- It may cause an injury through dropping or falling down.

⊘ Do not operate for a long time in high humidity, e.g. leaving a door or window open.

- In the cooling mode, if it is operated in a room with high humidity (80%r.h. or more) for a long time, water condensed in the air conditioner may drop and may wet and spoil furniture, etc.

⊘ Do not use for special purposes.

- Do not use this air conditioner to preserve precision devices, food, animal, plants and art objects. It may cause deterioration of quality, etc.

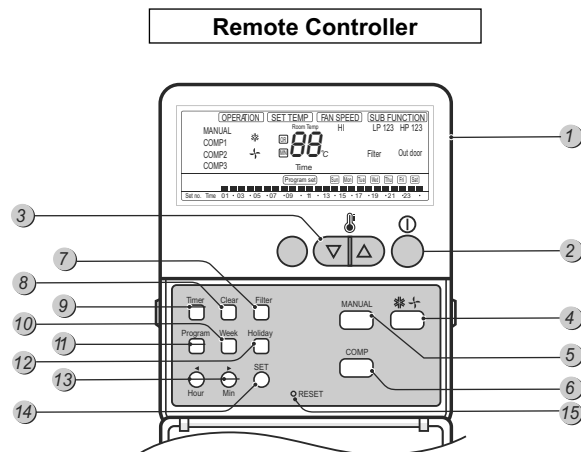
⊘ If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.

- If will cause electrical shock or fire.

⊘ Do not insert hands through vanes when the air conditioner is operating.

- It will cause an injury by the rotating blower.

Name and Function of Remote Controller

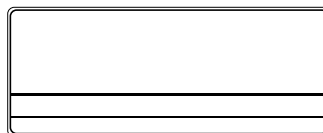


LN-1751QCM

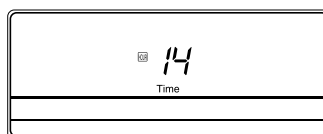
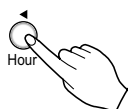
- 1** Operation display
Displays the operation conditions.
 - 2** On/Off Button
Operation starts when this button is pressed, and stops when the button is pressed again.
 - 3** Set Temperature Button
Used to set the temperature.
 - 4** Operation Mode Selection Button
Used to select the operation mode.
 - Fan Operation Mode.
 - Cooling Operation Mode.
 - 5** Manual Mode Selection Button
Used to run according to the need of selection of compressors.
 - 6** Compressor Selection Button
Used to select one, two or three compressors.
 - 7** Filter Button
To reset Filter Cleaning Indicator.
 - 8** Clear Button
Used to cancel the different program settings.
 - 9** Timer Set Button
Used to set the airconditioner ON/OFF at particular time which depends upon whether machine is On or Off.
 - 10** Week Button
Used to set the day of the week, to make AC OFF on that particular day.
 - 11** Program Button
Used to set the weekly programming.
 - 12** Holiday Button
Used to set a holiday of the week.
 - 13** Hour/Minute Selection Button
Used to set the time of the day and change the time in the weekly timer Function.
 - 14** Set Button
Used to set the different program settings.
 - 15** Reset Button
Used to set the current time and clear the setting time.
- * Use the Remote buttons softly and slowly to give proper command to MICOM.

Set the Current Time and a day of the Week

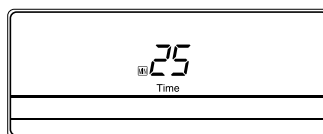
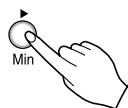
- 1** Press the '  RESET ' button.
If you want to reset the current time and a day of the week, click the Reset button.



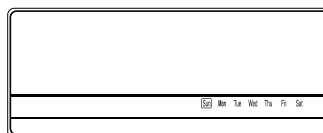
- 2** Press the '  ' button.
Each time the button is pressed, the number is changed. Selection of numbers from **00** to **23** is possible.
You can set the number of the current hour.



- 3** Press the '  ' button.
Each time the button is pressed, the number is changed. Selection of numbers from **00** to **59** is possible.
You can set the number of the current minute.

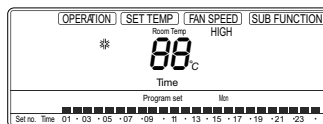


- 4** Press '  ' button.
Each time the button is pressed, a day of the week is shifted from Sunday to Saturday.
You can set the day of the week.



- 5** Press '  ' button to set the current time and day of the week.

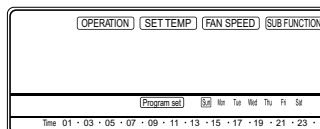
If you want to reset the current time and day of the week, press the Reset Button again and repeat the above steps.



Weekly Programming

1 Press the Program button to start the weekly programming.

The remote controller is displayed like a picture. Then 'Program set', 'Sun' and '01' is blinked. The "Program Set" will appear on LCD display.



2 Press the 'Week' button.

Press  button repeatedly until desired day appears.

For example, if you want Thu, press  button 4 times.

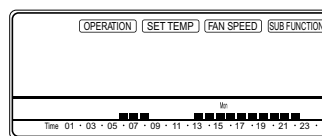
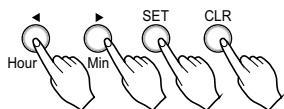


3 Change the time setting until the desired time is obtained.

For this operation press the Set or Clear button one or more times.

Set button means to switch ON.
Clear button means to switch OFF.

To move forward press "Min" key.
To move backward press "Hour" key.



* For example, if the air-conditioner is ON for 6,7,8 and 13~22 o'clock.
So for the rest hours, the machine will be OFF.

4 Press the Program button again to finish weekly programming.



For example, the air-conditioner is on 6th,7th,8th,10th & 11th hours to remain ON and for the rest hours, turned OFF on Monday. Following steps should be followed :

1. Press Program button
2. Press Week button and select the day (Monday).
3. By pressing  key, select 6th hour. Solid bar will blink on 6th hour. By pressing "Set" button you can set the 6th hour. Do same for the 7th, 8th, 10th and 11th hour.
4. Press Program button finally to set the above day.

* To cancel the set hour press  button to reach upto that set hour and then press "Clear" button.

* Black Bars indicate turn ON time and if there is no bar, it indicates OFF time.

Weekly Programming

If the person has not to set the remote controller in weekly programming mode then he can cancel the weekly programming by following operations

- 1** To disable the weekly programming, press the following button



If the person has to return back in weekly programming mode then he should follow the below mentioned operation.

- 2** To enable the weekly programming, press the following button.

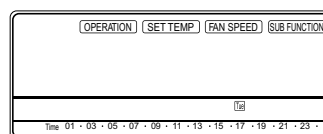


Holiday Setting

If Tuesday is a holiday in this week, you may set a holiday.

- 1** Press the Program button. 
- 2** Press the Week button as many times to select Tuesday. 
- 3** Press the Holiday button. 

Then the remote controller will be displayed 'Tue'.
The outside rectangular means holiday.

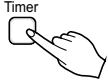


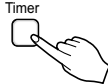
- 4** Press the Program button again to finish holiday setting. 
- 5** To cancel the Holiday programming, press the "Holiday" button again.

NOTE : The Holiday will be set permanently unless and until the user disable it.

Timer Setting

This function is used to turn on or turn off at specific hours of the respective day.

- 1** Press the Timer button to turn Timer on or off.

- 2** Change the timer setting until the desired time is set. After you have selected the time, press "Set" button.

- 3** If you want to cancel the timer setting, press the Timer button twice.


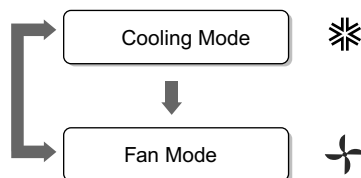
* On providing the same time for "Timer" and "Weekly Programming", the last command given will be the default command.

On / Off Settings

- 1** Press the On/Off Button.

- 2** If machine is On/Off by the Remote, then it will take the previous memory settings.
- 3** On/Off (Main Power Supply)
In this mode Set Temperature will be 18°C by default.

Operation Mode

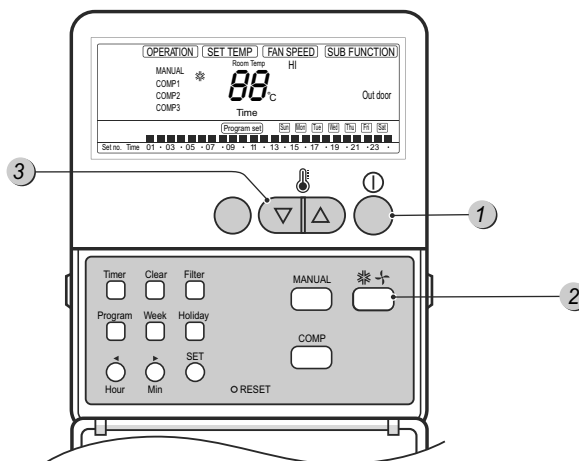


Cooling Mode

Operation Procedure :

- 1st** On/Off Button
- 2nd** Mode Selection Button to enter in Cooling Mode (❄️)
- 3rd** Room Temperature Setting Button

In cooling mode Display shows -
Room Temperature, Indoor Fan Speed,
Compressor Status, Cooling Mode symbol.
Temperature can be set between 18°C ~ 30°C.



Fan Mode

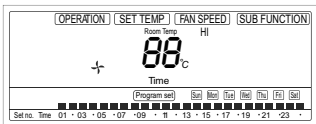
In this mode only FAN runs at high speed and compressors get OFF automatically.
In FAN mode, Display shows - Fan Speed & Fan Mode Symbol.

1 Press the On/Off Button.



2 Press Mode Selection Button to enter in Fan Mode (🌀).
In this mode, Display will be as shown here.





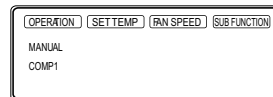
Manual Operation

Manual Operation is usually done according to the need of selection of compressors to run.
 *Remote Display may show outdoor signal but compressor will start only after three minutes (approx).

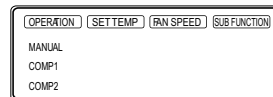
1 By pressing the Manual Button display shows



2 Then press Comp Button to select the compressor from Comp1 ~ Comp2.
 Comp1 will start blinking



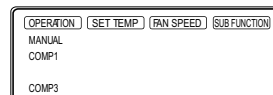
3 Press "Set" button to fix the COMP. On each time by pressing this button cursor will move to the next COMP.



4 To cancel the Manual Operation, we have to press the Manual Button twice.



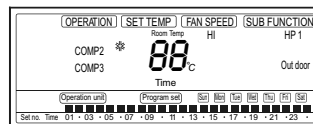
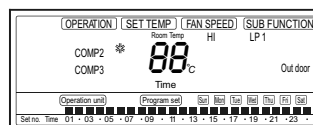
For eg. if we have to run Comp1 and Comp3, Press the Manual Button and press Comp Button later which shows COMP1 on the screen in blinking form for which we have to press the Set Button . On each time by pressing Comp Button cursor moves to the next compressor.



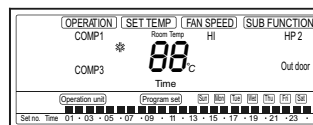
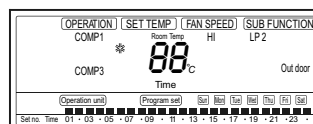
Safety Device (LP - HP Operation)

Used for the protection of compressors. LP and HP switch works according to gas pressure.

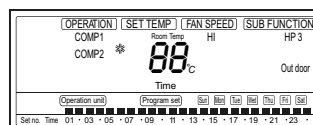
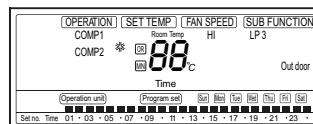
Indication	Problem	Action
LP1	Low gas pressure in Comp1	Comp1 get switch OFF
HP1	High gas pressure in Comp1	Comp1 get switch OFF



Indication	Problem	Action
LP2	Low gas pressure in Comp2	Comp2 get switch OFF
HP2	High gas pressure in Comp2	Comp2 get switch OFF



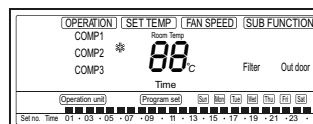
Indication	Problem	Action
LP3	Low gas pressure in Comp3	Comp3 get switch OFF
HP3	High gas pressure in Comp3	Comp3 get switch OFF



Filter

This function glows after 240 hours.
Display shows the Filter symbol continuously
by pressing the filter button again we can reset it.

Note : When this "Filter" symbol comes on LCD display
filter has to be cleaned.



Child Lock Function

This is the Function to avoid children interference with airconditioner operation control.

Operation procedure

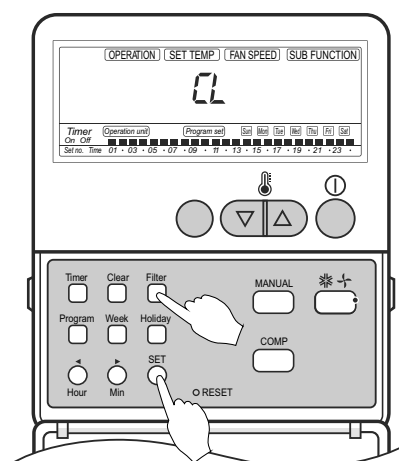
1 To set the Child-Lock Function

Press the 'Filter' button then 'Set' button. Then the operation mode shift to child lock mode and it is displayed 'CL' in the operation display.

When you press any button in this time, the remote controller displays 'CL' only ON/OFF key available.

2 To cancel the Child-Lock Function

Press the 'Filter' button then 'Clear' button. Then the child-lock mode is cancelled and the preselected mode is displayed in the remote controller.





P/No.: MFL59765701

After reading this manual, keep it in a place easily accessible to the user for future reference.