This manual must be left with the owner for future reference.

USER GUIDE

Lennox Mini-Split Systems Wireless Indoor Unit Controller (22U49)

CONTROLS
508184-01
8/2022

Shipping and Packing List

Package 1 of 1 contains;
1 – Wireless Controller
2 – AAA batteries
1 – Remote controller holder with mounting screw

IMPORTANT!

Frequent changes to operating mode may cause system malfunction. Allow at least one minute between mode changes to allow the system to stabilize.

General

The mini-split wireless controller model RG10L-WM is a wireless local controller for Lennox mini-split indoor unit models MWMC only.

Requirements

Using the remote controller

- Stand within 25 feet of the indoor unit.

- Do not block the signal between the remote controller and indoor unit.

- *NOTE: The remote controller will not function without a clear line of sight to the indoor unit.*

- Do not submerge the remote controller in liquid.

- Do not expose to direct sunlight.

- Do not drop or step on remote controller.

- Ensure that the remote controller is pointed directly at the indoor unit. If the remote controller is pointed directly toward the ceiling, it will not control the indoor unit (except cassette units if installed directly above the holder).

Specifications
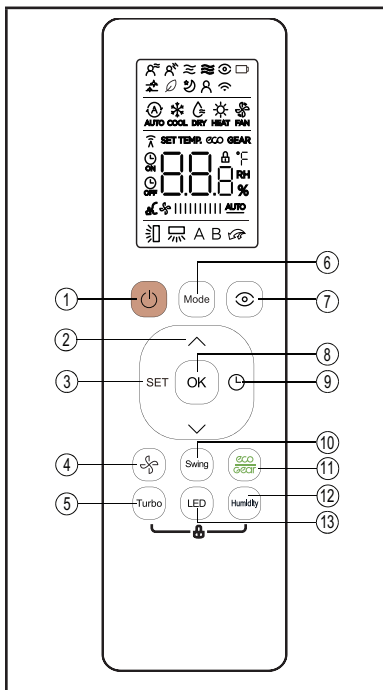
Table 1. Specifications	
Rated voltage	3.0 VDC - (2 AAA batteries included)
Min voltage for sending signal to CPU	2.4 VDC
Effective transmitting distance	25 feet
Operation conditions	23°F to 140°F (-5 to 60°C)

Overview

Furnished with Wall-Mount, Cassette, Floor Console and Ceiling/Floor Indoor Units.

- Complete remote control of system

- Wireless remote controller holder furnished

- Holder can be mounted on a wall for easy access

- Mounting screws furnished

Wireless Remote Controller Button Functions

1. ON/OFF Button

Turns system on and off

2. UP/DOWN Buttons ∧ ∨

Increase or decrease the indoor temperature in one degree increments (maximum 86°F, minimum 60°F)

NOTE: *Temperature cannot be adjusted in FAN mode.*

NOTE: *Press and hold both buttons for three seconds to alternate the temperature display between the °C and °F scale.*

3. SET Button

- Scrolls through unit operations in this order:

  1. Breeze Away
  2. Self-Clean
  3. Sleep
  4. Follow Me

- The selected symbol will flash on the display area, press the **OK** button to confirm.
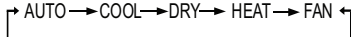
3

4. FAN Button

- Cycles fan speeds in the following order:

- AUTO - 20% - 40% - 60% - 80% - 100%

5. TURBO Button

Enables the unit to reach the preset temperature during cooling or heating operation in the shortest time

6. MODE Button

- Select system operation modes

- Press button to cycle through each setting

AUTO → COOL → DRY → HEAT → FAN

7. ECO INTELLIGENT EYE Button

- Automatically detects human activity in the room

- If there is no activity for 30 minutes sensor reduces compressor operating frequency for cooling/heating/auto modes for increased efficiency

- Remains in this mode until activity is detected again

NOTE: Not applicable to multi-zone applications

8. OK Button

Confirms selected function

9. TIMER Button

- Initiates an auto-on or auto-off time sequence

- Press **TIMER** button to initiate the ON time sequence

- Press the **UP/DOWN** buttons multiple times to set the desired time to turn on the unit

- Press **TIMER** button to initiate the off time sequence.

NOTE: Each press of the button increases or decreases the time (depending on function) in 30 minute increments up to 10 hours.
Above 10 hours each press of the button will increase or decrease the auto-timed setting by 60 minutes up to 24 hours.

- . *To cancel, set timer to 0.0 or turn remote off and on.*

10. SWING Button

Used to stop or start louver auto swing feature.

11. ECO/GEAR Button

Controls temperature/energy efficiency of the unit

NOTE: Only available in cooling mode.

ECO Operation

- Sets unit to 75°F unit operation if set point is lower

- Sets fan to Auto operation if set point is over 75°F

NOTE: If setpoint is manually changed to less than 75°F, ECO operation is canceled.

GEAR Operation

Reduces electrical consumption to 75% or 50%

12. HUMIDITY Button

- Adjusts the room humidity during DRY mode from 35% to 85%

- Each press of the button increases the humidity in 5% increments

13. LED Button

Turns the LCD display backlight on the indoor unit on or off

NOTE: Press and hold the button for five seconds to display the actual room temperature. Press more than five seconds to revert back to display set temperature.

Wireless Remote Controller Screen Indicators

Information is displayed when the Wireless Remote Controller is powered on.

Not applicable for this unit

Breeze Away feature display

Not applicable for this unit

Not applicable for this unit

ECO Intelligent Eye display (certain units)

Active Clean feature display

Not applicable for this unit

Sleep feature display

Follow Me feature display

Not applicable for this unit

Low battery detection (flashing)

Transmission Indicator
Lights up when remote sends signal to indoor unit

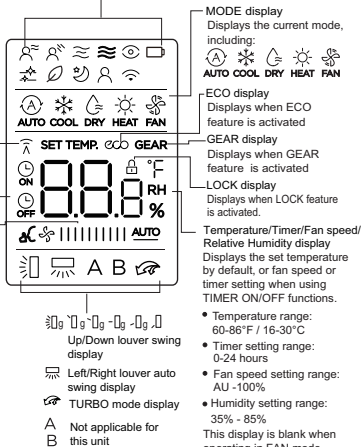**ON**
TIMER ON display

OFF
TIMER OFF display

Silence feature display

FAN SPEED display
Displays selected fan speed:

Silence		1%
		2%-20%
LOW		21%-40%
MED		41%-60%
		61%-80%
HIGH		81%-100%
AUTO		**AUTO**

NOTE - Fan speed cannot be adjusted in AUTO or DRY mode.

MODE display
Displays the current mode, including:

AUTO COOL DRY HEAT FAN

ECO display
Displays when ECO feature is activated

GEAR display
Displays when GEAR feature is activated

LOCK display
Displays when LOCK feature is activated.

Temperature/Timer/Fan speed/ Relative Humidity display
Displays the set temperature by default, or fan speed or timer setting when using TIMER ON/OFF functions.

- Temperature range: 60-86°F / 16-30°C
- Timer setting range: 0-24 hours
- Fan speed setting range: AU -100%
- Humidity setting range: 35% - 85%

This display is blank when operating in FAN mode.

Up/Down louver swing display

Left/Right louver auto swing display

TURBO mode display

A   Not applicable for this unit
B

Note:
All icons are shown for display purposes only.
During actual unit operation, only active icons are displayed.

Auto Operation

a. Press the **MODE** button to select Auto.

b. Press the **UP/DOWN** button to set the desired temperature.

c. Press the **ON/OFF** button to start the air conditioner.

Cooling /Heating/Fan Operation

a. Press the **MODE** button to select COOL, HEAT or FAN mode.

b. Press the **UP/DOWN** buttons to set the desired temperature.

c. Press the **FAN** button to select the fan speed in four steps which are Auto, Low, Med or High.

d. Press the **ON/OFF** button to start the air conditioner.

Dehumidifying Operation

a. Press the **MODE** button to select **DRY** mode.

b. Press the **UP/DOWN** buttons to set the desired temperature.

c. Press the **ON/OFF** button to start the air conditioner.

Timer ON/OFF Operation

a. Press the **TIMER** button. The remote controller shows *TIMER ON* or *TIMER OFF* icon

b. Press the **TIMER** button again to set desired time. Each time you press the button, the time increases by 30 minutes between 0 and 10 hours and by 60 minutes between 10 and 24 hours.

c. After setting the TIMER ON or TIMER OFF there will be a one second delay before the remote controller transmits the signal to the unit. After approximately two seconds the set temperature will re-appear on the LCD display window.

Silence Operation

Press the **FAN** button for more than two seconds to activate or disable the Silence function

Lock Function

a. Press the **TURBO** and **HUMIDITY** buttons together two times in less than one second to lock the Controller to prevent tampering

b. Press the **TURBO** and **HUMIDITY** together buttons again for two seconds to unlock the wireless remote controller

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Wireless Remote Controller Set Button Function

Breeze Away

Prevents unit from blowing air directly on a person

NOTE: *Only available in* **COOL**, **FAN** *or* **DRY** *modes.*

Active Clean

- Washes away dust, mold, and grease that may cause odors when it adheres to the indoor coil by automatically freezing and then rapidly thawing the coil

- Indoor unit displays "CL"

- After 20 to 45 minutes the unit will automatically turn

NOTE: *cancel the operationOnly available in* **COOL** *or* **DRY** *modes.*

Sleep

- Enables the system to automatically increase cooling or decrease heating (in 2°F increments) per hour for the first 2 hours, then maintain a steady temperature for 5 hours

- System keeps the final operation mode after 8 total hours of operation

NOTE: *To cancel, push the* **MODE**, **FAN SPEED** *or* **ON/OFF** *buttons.*
SLEEP mode is only available when the unit is in **COOL**, **HEAT** *or* **AUTO** *mode*

Follow Me

Allows remote temperature sensing of the room at the remote controller location.