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Dallas, Texas, USA



OPERATION INSTRUCTIONS

Lennox Mini-Split Systems Wireless Indoor Unit Controller

CONTROLS

507560-03

08/2015

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

IMPORTANT!

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

Shipping and Packing List

Package 1 of 1 contains;

- 1 – Wireless Controller
- 2 – AAA batteries
- 1 – Remote controller holder with mounting screw

General

The M0STAT60Q-1 mini-split wireless controller is a wireless local controller for Lennox mini-split indoor units.

Requirements

Using the remote controller

- Point the remote controller directly at the indoor unit.
- Stand within 26 ft. (8m) 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.

Using the remote control holder

- Use field-provided fasteners to attach the remote controller holder to any suitable vertical surface such as a wall within 26 ft. (8m) of the indoor unit.
- 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).

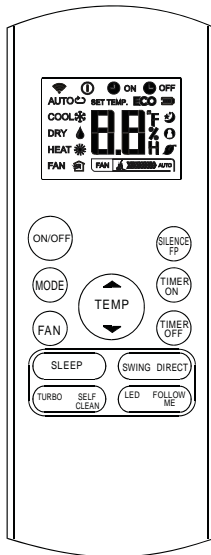
Specifications

Table 1. Specifications

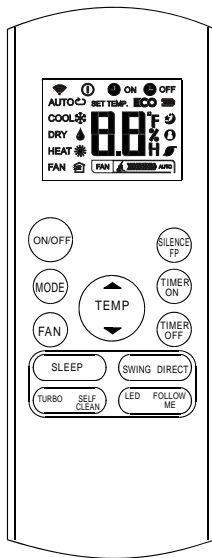
Rated voltage	3.0 VDC (2 AAA batteries)
Min voltage for sending signal to CPU	2.4 VDC
Effective transmitting distance	26 ft. (8m)
Operation conditions	23°F-140°F

Function Buttons

- **Up arrow button.** Press to increase the temperature setpoint or to scroll through settings options.
- **On/Off button.** Press to turn the indoor unit on or off.
- **Mode button.** Press to scroll through the operation modes: Auto → Cool → Dry → Heat → Fan.
- **Fan speed.** Press to scroll through the fan speeds: Auto → Low → Med → High
- **Sleep button.** Press to activate “night-mode”. This will automatically increase (cooling) or decrease (heating) the setpoint 2°F (1°C) per hour for the first two hours. After seven total hours the indoor unit will resume the previously set setpoint.
- **Turbo button.** (Not available on all indoor unit models) Press to active turbo mode. In cooling mode only, the indoor unit will ramp up to reach the setpoint more quickly. After reaching the setpoint or after 30 minutes, the indoor unit will resume the previous operating conditions.
- **Self Clean button.** Press to activate self cleaning mode. In cooling or dry mode only, the indoor unit will temporarily change operation to allow condensate on the indoor unit coil to evaporate, and then will return to the previous operating conditions.

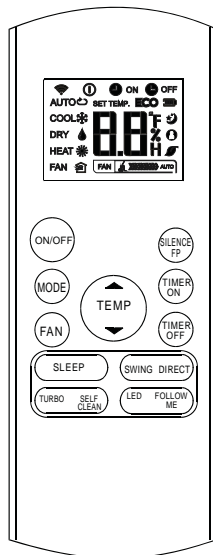


- **Down arrow button.** Press to decrease the temperature setpoint or scroll through settings options.
- **Silence button.** Press and release to activate quiet mode operation. The indoor unit will change operation to provide the quietest sound possible. **NOTE** - quiet mode operation may result in insufficient cooling or heating capacity. Press and release the Silence button again to stop quiet mode operation.
- **FP button.** Press and hold for two seconds to activate frost prevention mode. In heating mode only, the indoor unit will operate at a 46°F setpoint and the indoor unit display (not available on all indoor unit models) will show “FP”.
- **Timer ON button.** Press to set the number of hours of delay before the indoor unit begins operation.
- **Timer OFF button.** Press to set the number of hours of delay before the indoor unit stops operation.
- **Swing button.** Press once to initiate louver left & right oscillation. Press again to stop louver oscillation. Louvers remain in place where stopped. Not available in all indoor unit models.

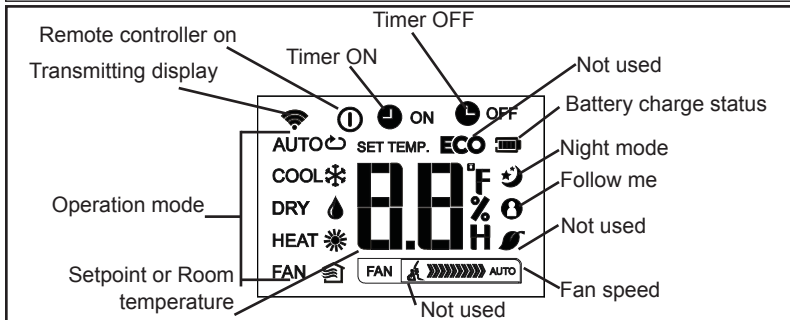


- **Direct (Direction) button.** Press to move louvers up & down in 6 degree increments. Louvers remain in place where stopped. Not available in all indoor unit models.
- **LED button.** Press the LED button to turn on the indoor unit display (on units with display). Press the button again to turn off the display.
- **Follow Me button.** Press to activate the wireless remote's air temperature sensor. This will also transfer the temperature sensing function from the indoor unit to the remote. The indoor unit's air temperature sensor will be disabled. The indoor unit will regulate the room temperature based on the temperature sensor in the remote controller, rather than the sensor in the indoor unit. The remote controller will send the indoor unit a signal every three minutes. If the indoor unit doesn't receive the signal for seven minutes, or if the button is pressed again, the Follow Me function will terminate. The remote controller must remain pointed toward the indoor unit and must be within 26 feet (8m) of the unit. Do not remove the controller from the

room or obstruct the signal of the remote controller during Follow me operation.



Display



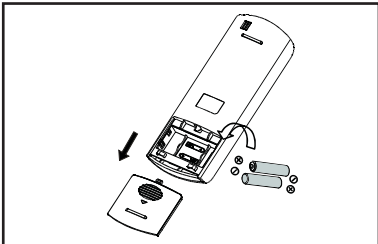
- **Remote controller On.** Icon displays to indicate that the remote controller is on.
- **Transmitting display.** Icon blinks once when a signal is sent from the wireless remote controller.
- **Operation mode.** These icons show the current mode of operation. Press the mode button to scroll through the operation modes: Auto → Cool → Dry → Heat → Fan.
- **Setpoint or Room Temperature.** Displays the setpoint temperature during normal operation. Displays the room temperature when in Follow me mode. Adjust the setpoint with up & down arrow buttons. No display when unit is in Fan mode.
- **Timer ON/OFF.** These icons light up to indicate that the indoor unit has a timed auto-start or auto-stop set up.
- **Battery charge status.** Icon displays charge status of wireless remote controller batteries.
- **Night mode.** Icon displays to indicate that night mode operation is on.
- **Follow me.** This icon displays when the air temperature sensor in the wireless remote controller is the sensor being used by the indoor unit. When this function is off, the indoor unit uses a built-in sensor.
- **Fan speed.** Displays the current fan speed.

Operation Instructions

Batteries

1. Remove battery cover from back of remote.
2. Insert batteries into battery compartment.
3. Replace cover on controller.

NOTE - ON/OFF Timer, setpoint, fan speed, etc. will have to be reset whenever the batteries lose charge completely or are replaced.



▲CAUTION

Do not mix old and new batteries or batteries of different types.

Do not leave the batteries in the remote controller if the controller will not be used for an extended amount of time.

Dispose of used batteries following local and state waste management standards.

Start/stop operation

Press the LED power button.

- Controller ON: LED power button lit brightly.
- Controller OFF: LED power button not lit.

Select Fahrenheit or Celsius

Press and hold the Up button, and the Down button at the same time, for three seconds to toggle between Fahrenheit and Celsius.

To set the operation mode

Press the Mode button to scroll through the mode selections.

- Auto – System operates in cooling or heating mode as determined by the setpoint and the room temperature.
- Cool – System operates in cooling mode.
- Dry – System removes humidity according to preset conditions (fan speed and setpoint temperature, not a humidistat sensor). Cannot adjust fan speed.
- Heat – System operates in heating mode.
- Fan – Fan only, no heating or cooling.

To set (or change) the room temperature setting (setpoint)

Press the up arrow and down arrow buttons to adjust the setpoint.

Auto mode

1. Press the Power button, an LED light on the indoor unit displays.
2. Press the Mode button until the display shows AUTO.
3. Adjust temperature setpoint using up and down arrow buttons (range 62°F – 86°F).

NOTE – Fan speed is auto and is not adjustable.

Cool/Heat/Fan mode

1. Press the Mode button to select Cool, Heat, or Fan.
2. Adjust the temperature setpoint using up and down arrow buttons (range 62°F – 86°F).
3. Press the Fan speed button to select Auto, Low, Med, or High fan speed.

NOTE – Temperature setpoint is not displayed in Fan mode.

Dry mode

1. Press the Power button. An LED light on the indoor unit displays.
2. Press the Mode button to select Dry.
3. Adjust the temperature setpoint using up and down arrow buttons.

NOTE – Fan speed is not adjustable.

Timer operation

Timer ON and Timer OFF are used to turn on and turn off the indoor unit at selected intervals.

Timer ON operation

1. Press the Timer ON button. The Timer ON icon, the last auto-on time, and “h” will display.
2. Press the Timer ON button again to set the amount of time before the indoor unit begins operation. Each press will increase the time in half hour increments until 10 hours, then the increment becomes 1 hour.

Timer OFF operation

1. Press the Timer OFF button. The Timer OFF icon, the last auto-off time, and “h” will display.
2. Press the Timer OFF button again to set the amount of time before the indoor unit stops operation. Each press will increase the time in half hour increments until 10 hours, then the increment becomes 1 hour.

Modify Timer ON/OFF settings

1. Press either the Timer ON button or the Timer OFF button to modify that setting.
2. Use the up arrow and down arrow buttons to change the timed operation intervals.
3. Set the timer to 0.0 to turn off timed operation.

Troubleshooting

Fault Codes (indoor unit)

E0	Indoor unit EEPROM error
E1	Communication error between indoor unit and outdoor unit
E3	Indoor fan speed error
E4	Indoor return air temperature sensor error
E5	Indoor coil temperature sensor error
EC	Low refrigerant
EE	High water level alarm
F0	Outdoor current overload sensed
F1	Outdoor ambient temperature sensor error
F2	Outdoor coil temperature sensor error
F3	Compressor discharge temperature sensor error
F4	Outdoor unit EEPROM error
F5	Outdoor unit fan speed error
P0	Inverter module IPM error
P1	High or low voltage protection
P3	Outdoor unit low temperature lockout
P4	Compressor drive error
--	Mode conflict
P6	Compressor high-pressure or low-pressure switch open