



This installation manual contains only the description of how to install the wireless remote controller unit PAR-FL32MA. For your safety, first be sure to read "Safety Precautions" described below thoroughly and then install the wireless remote controller unit PAR-FL32MA correctly.

1 Safety Precautions

- The following two symbols are used to denote dangers that may be caused by incorrect use and their degree:
WARNING This symbol denotes what could lead to serious injury or death if you misuse the PAR-FL32MA.
CAUTION This symbol denotes what could lead to a personal injury or damage to your property if you misuse the PAR-FL32MA.

WARNING

- Ask your dealer or technical representative to install the unit.
Ensure that installation work is done correctly following this installation manual.
Install in a place which is strong enough to withstand the weight of the PAR-FL32MA.
Never modify or repair the PAR-FL32MA by yourself.
Do not install in any place exposed to flammable gas leakage.
Do not use in any special environment.
Do not wash with water.
Do not install in any place at a temperature of more than 40 °C (104 °F) or less than 0 °C (32 °F) or exposed to direct sunlight.

CAUTION

- Do not install in any place exposed to flammable gas leakage.
Do not use in any special environment.
Do not wash with water.
Do not install in any place at a temperature of more than 40 °C (104 °F) or less than 0 °C (32 °F) or exposed to direct sunlight.

2 Confirming the Supplied Parts

Table with 2 columns: Parts Name, Quantity. Lists items like Wireless remote controller, Remote controller holder, AAA alkaline battery, Tapping screws, Instruction book.

Only use AAA batteries (LR03). Replace low batteries with new AAA batteries (LR03). Observe the polarity of the batteries as indicated, and insert the negative end first.

3 Installation

- Use the remote controller holder that is provided to avoid misplacing the remote controller.
Install the remote controller in a location that meets the following conditions:
- Out of the direct sun light
- Away from any heat sources
- Out of the airflow from the air conditioner (cool or warm)
- Where the operation of the remote controller can easily be performed and the display is readily visible to the user
- Out of the reach of small children

NOTES:
If there is a fluorescent light in the room in which the air conditioner is to be installed, turn it on and make sure that the signal from the remote controller can be received by the indoor unit from the intended installation location.
If the air conditioner unit is installed in a room in which a fluorescent light on an electronic lighting control system (i.e., inverter light) is installed, signal interference may occur.

- Maximum signal receiving distance is approximately 7 meters (Approx. 22 feet). Signal receiving angle is approximately 45 degrees to the right and the left from the center.
Install the unit at least 1 meter (Approx. 3 feet) away from the TV or radio.

- Use the tapping screws that are provided to mount the remote controller holder on the wall, and then place the remote controller in the holder.

NOTES:
Some older versions of signal receiving unit may not respond to the signals from the remote controller that correspond to the following functions. If this happens, set the model setting on the remote controller to "Standard 2 °F" as shown in section "4 Model Setting".

- Functions not supported by older versions of signal receiving unit >
Temperature setting in 1 °F increments.
Control operations that are performed on the controller with the setting other than "Standard 2 °F".

4 Model Setting

Model setting must be made to control indoor units. Register the model of the indoor unit to be controlled on the Model Select menu. Correct indoor unit model must be registered on the remote controller to control the indoor unit. Collectively set items need to be set for each group of indoor units with the same pattern of functions.

- Remote controller setting
There are three ways to make remote controller settings as follows.
1. Check the model of the indoor unit to be controlled from the wireless remote controller, and find the corresponding model number of the wireless remote controller in the table of model numbers.
2. If the name of the indoor unit to be controlled is not listed in the table of model numbers, check the available functions of the indoor unit in a technical manual and follow one of the following procedures to make the settings for the remote controller.
3. Whether items 1 or 2 above apply or not, when the settings must be made for items that cannot be set collectively, make the settings for those items individually.

Setting Items
There are two types of setting items:
Collectively set items
Individually set items

Table with 5 columns: Setting Items, Collectively setting, Individually setting, Initial setting, Remarks. Lists items like No. of fan speeds, Louver swing, Vane, Operation mode, Auto fan speed control, Preset temperature, Temperature display, Pair No., Model.

Table of Model Numbers. Columns: Cooling/Heating Type, Model No., Indoor unit model name, CITY MULTI system, Cooling/Heating Type, Model No., Indoor unit model name, CITY MULTI system.

- Step 1
1. Check the model of the indoor unit to be controlled from the wireless remote controller.
2. Refer to the table of model numbers and find the model number that corresponds to the model of indoor unit to be controlled.
Step 2
1. If the settings that are related to the remote controller operation are changed on the function selection menu, make the setting for the model number by referring to the table of model numbers.
2. Some indoor units with the same model name may have different functions, depending on the capacity type and production year.
3. To set the model number for the indoor unit that is not listed in the table above, check the functions that are available to it in the applicable technical document, and make an appropriate setting for the model number according to the table of model numbers.

Diagram of remote controller with [Setting Procedures] and [Setting Item] descriptions. Includes instructions like 'Push the SET button with a pointed but not sharp object' and 'Press the ON/OFF button to turn on the remote controller display'.

- Step 2
1. Refer to the applicable technical document to confirm the functions that are available to a given unit, and make an appropriate setting by finding the model number that corresponds to the pattern of those available functions.
2. Setting procedures are the same for those listed under Step 1.

Table of Model Numbers (continued). Columns: Fan speed, Lower swing, Vane, Operation mode, Auto fan speed control, Preset temperature, Display, Par No., Model.

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Table of Model Numbers (continued). Columns: Fan speed, Lower swing, Vane, Operation mode, Auto fan speed control, Preset temperature, Display, Par No., Model.

- Step 3
1. Refer to the applicable technical document to confirm the functions that are available to a given indoor unit, and manually make individual settings by one without referring to the table of unit models.
2. Make the settings for individually set items as necessary.

Diagram of remote controller with [Setting Procedures] and [Setting Item] descriptions. Includes instructions like 'Press the SET button with a pointed but not sharp object' and 'Repeat Steps 2 and 3 above to make other settings'.

Table of Individually Set Items and Buttons. Columns: Setting Item, Button, Setting No. Lists items like Fan speed, Louver swing, Vane, Operation mode, Auto fan speed control, Preset temperature, Display, Par No., Model.

* Fix this setting to "01" when sending signals to a signal receiving unit other than PAR-FA32MA.

Table of Model Numbers (continued). Columns: Fan speed, Lower swing, Vane, Operation mode, Auto fan speed control, Preset temperature, Display, Par No., Model.

-Display of individually set items-

- Display will change with the change in the setting number.
No. of Fan speeds
Louver swing
Vane
Operation mode
Auto fan speed control
Preset temperature
Model

Diagram of remote controller display showing various settings like Fan speed, Louver swing, Vane, Operation mode, Auto fan speed control, Preset temperature, Model.

Unless this setting is set to "01", preset temperature can be changed in 1 °F increments when "temperature display in Fahrenheit" is selected.

Table with 5 columns: Setting, Model, Centigrade/Fahrenheit, Setting increments, Cool/Dry, Heat, Auto. Lists settings for Standard 2 °F, Standard 1 °F, Middle, temperature model, Low temperature model, RAC model.

5 Pair Number Setting

- Pair number setting is required to pair up a certain signal receiving unit and a certain remote controller.
When this setting needs to be made, make the settings on the signal receiving unit and the wireless remote controller as shown in the right table.

Diagram showing remote controller and signal receiving unit with [Setting Example] and [Setting Procedures] instructions.

6 Test Run Method

- Setting Procedures
1. Turn on the power.
2. Press the ON/OFF button twice consecutively.
3. Press the ON/OFF button.
4. Press the FAN button.
5. Press the MODE button.
6. Confirm that the outdoor unit fan is in operation.
7. Press the ON/OFF button or press the ON/OFF button twice consecutively.

7 Operation Lamp Display and Buzzer

The following section details the operation lamp and the buzzer on the signal receiving unit.
When receiving operation signals from the wireless remote controller- Confirmation sound that indicates signal reception: Short beep
Operation lamp During operation: Lights off three times at 0.1-second intervals. While the unit is stopped: Lights up three times at 0.1-second intervals.

-If a wireless remote controller is operated while the units are under centralized control- Depending on the settings, when local control is prohibited by the centralized control system, ON/OFF, Mode selection, or Temperature setting buttons on the remote controller may be disabled.

-When the preset temperature is corrected (Applicable to signal receiving unit PAR-FA32MA only)- If the model setting on the wireless remote controller does not match the actual model type of the indoor unit that is connected, the signal receiving unit will make correction on the preset temperature for the indoor unit.

Table with 2 columns: Conditions, Action of the signal receiving unit. Lists conditions like Reception of a signal from the wireless remote controller and actions like Temperature setting will be corrected.

- In case of a problem- Operation lamp will blink, indicating a problem with the air conditioner.
-Making a self-diagnosis- Refer to section 8 "Self-diagnosis".
-Operating the emergency operation button on the signal receiving unit- Confirmation sound that indicates signal reception: None

8 Self-Diagnosis

The following procedures are applicable to CITY MULTI air conditioners. (The following procedures cannot be performed when the unit is in error.)

Diagram of remote controller with [Operating Procedures] and [Output of Check Codes] instructions.

Table with 3 columns: Error content, Buzzer Sound, Operation Lamp. Lists error codes like Indoor unit error, Errors unrelated to indoor unit, No error history, No applicable unit.

Signal receiving unit will beep and the operation lamp will blink certain times, depending on the error code that is received from the indoor unit.

Table with 3 columns: Number of beeps/blinking, CITY MULTI Error Code, Error Content. Lists error codes like 8 (0000 - 0999), 1 (1000 - 1999), 2 (2000 - 2999), 3 (3000 - 3999), 4 (4000 - 4999), 5 (5000 - 5999), 6 (6000 - 6999), 7 (7000 - 7999), 9 (8000 and above).

This product is designed and intended for use in a residential, commercial or light-industrial environment. The product at hand is based on the following EU regulations: Electromagnetic Compatibility Directive 89/336/EEC

