5 How To Install

Choose a place in which to install the Signal Receiving Unit (switch box).

1. Choose a place in which to install the Signal Receiving Unit (switch box).
   - Be sure to observe the following:
     1. When installing an after the switch box or the wall, leave space around the Signal Receiving Unit as shown in the figure to the right.
     2. When installing the Signal Receiving Unit to the switch box, the Signal Receiving Unit is installed downward, and the supplied cord is used as shown right.
     3. Parts which must be supplied on site:
        a. Switch box for unit
        b. Thin-copper wiring pipe
        c. Black tape, etc.
     1. Install the unit on the wall or ceiling where the signal is received from the remote controller.

   (Refer to the below illustration)

   Example: Ceiling cassette type, Ceiling cased type

   (3) Install the lower case on the switch box or directly on the wall.

   (5) Install the cover

   Refer to the installation manual for wireless remote controller for how to perform the test run.

   (6) Test Run

   (7) Possible Combinations of Signal Receiving Units and Remote Controllers

   (1) Example of System Configuration

   (3) Setting the Pair Number & Main/Sub Switch

   (2) Confirming the Supplied Parts

   Check that the box includes the following parts in addition to this installation manual:

   1. Signal Receiving Unit
   2. Remote control cord (2 core 3 m (9 ft))
   3. Main case
   4. Handle (1 x 16)
   5. Screw (M4-1)

   (1) Change the pair number to set the pair number.

   (2) Setting the pair number

   To the Signal Receiving Unit which operates from the wireless remote controller:

   1. Set the MA remote controller as "Main", and the Signal Receiving Unit (PAR-FA32MA) as "Mail".

   3. Example of System Configuration

   This remote controller is connected to CITY MULTI System (CT type or later).

   In the case of CITY MULTI System

   1. Central management transmission line (M-NET transmission line)
   2. Indoor and outdoor transmission lines (M-NET transmission line)
   3. Remote control cable

   (1) Signal Receiving Unit

   (2) Remote control

   (3) Central management transmission line

   (4) Indoor and outdoor transmission lines

   (5) Remote control cable

   (6) Other parts

   (7) 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:

1 Safety Precautions

The following ten 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-FA32MA.

**CAUTION**
This symbol denotes what could lead to personal injury or damage to your property if you misuse the PAR-FA32MA.

**CAUTION**
Do not install in any place exposed to flammable gas leakage, termite, frozen earth, accumulated water, corrosive gas, or high humidity. If these gases penetrate, even small amounts of gas may deteriorate the performance significantly or cause the component parts to deteriorate.

**WARNING**
When wiring the unit by yourself, consult with your dealer about repairs. Doing so may cause an electric shock or a malfunction.

**CAUTION**
Never modify or repair the PAR-FA32MA by yourself.

2 Remote control cord to the terminal block (No polarity).

3 Setting Pair Number & Main/Sub Switch

4 Setting the Pair Number & Main/Sub Switch

5 To change the pair number, set the switch to the pair number.

6 To set the Signal Receiving Unit which operates from the wireless remote controller to the switch box, set the switch to "Available." Consult with your dealer about repairs.

7 When installing on the switch box, seal the connections between the switch box and wiring with putty.

8 Seal around the cover with putty.
**1 Safety Precautions**

- The following ten 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-FA32MA.
  - **CAUTION**: This symbol denotes what could lead to a personal injury or damage to your property if you misuse the PAR-FA32MA.

- Do not install in any place exposed to flammable gas leakage.
- Do not install near a fluorescent lamp specially inverter type, signal interception may occur.
- Never install the PAR-FA32MA yourself. Any deficiency caused by your own installation may result in an electric shock.
- Install the remote control cord to the terminal block (No polarity).
- Do not press any control button using a sharp object. Do not touch any control button with your wet hands.
- Do not install in any place where acidic or alkaline solution or sulfuric gas may deteriorate the performance significantly or give rise to fire.
- When someone moves, repairs or uses the PAR-FA32MA, make sure that this manual is forwarded to the final user.
- Any lack of strength may cause the PAR-FA32MA to fall down, resulting in personal injury.
- Do not install the PAR-FA32MA in a bathroom, kitchen or any other place with high humidity.
- Installing the PAR-FA32MA at the wrong place may cause water penetration or electric shocks.
- Never install the PAR-FA32MA near a vehicle or other metallic objects.
- Wirings from signal receiving unit.
- Any deficiency caused by your own installation may result in an electric shock or fire.
- Never install the PAR-FA32MA near a metal wall or other metallic objects.

- **NOTE**: lf the Signal Receiving Unit is installed near a fluorescent lamp specially inverter type, signal interception may occur.

- **NOTE**: All electrical work must be performed by a licensed technician, according to local regulations and the instructions given in this manual.

**2 Confirming the Supplied Parts**

Check that the box includes the following parts in addition to this installation manual:

- Signal Receiving Unit
- Remote controller cord
- Remote controller
- Screw (M5: 20)
- Screw (M4: 20)
- Screw (4x8.8 mm) (16)
- Hex screw (K: 1 x 14)
- Stainless steel locknut and bushing
- Possible combinations of remote controllers
- Signal Receiving Unit
- Remote controller cord

**3 Example of System Configuration**

- The remote controller wire is connected to CITY MULTI System (C type or later).
- When setting in the Signal Receiving Unit: Use a maximum of 1.25 mm² (16 AWG) cable for signal receiving unit wiring. 0.75 mm² (18 AWG) wiring is recommended for ease of installation.

**4 Setting the Pair Number & Main/Sub Switch**

Set the pair number switch to set the pair number.

**5 How To Install**

(1) Choose a place in which to install the Signal Receiving Unit (switch box).
- Be sure to observe the following steps:
  - When installing an air conditioner unit, make sure that it is placed on a flat surface and the ceiling is at least 2.3 m (7-9/16 ft) above the floor to ensure proper operation.
  - When installing the Signal Receiving Unit to the switch box, the SIGNAL lamp should light up.

(2) Install the remote controller cord to the terminal block (No polarity).
- Push a remote control cable into the remote control jack.
- Pull a remote control cable to the remote control jack.

**6 Test Run**

Refer to the installation manual for wireless remote controller for how to perform the test run.

**7 Possible Combinations of Signal Receiving Units and Remote Controllers**

- Models with 1 Temperature setting
- Models with maintenance function
- Models without maintenance function
- Remote controller cord
- Remote controller
- Signal Receiving Unit
- Possible combinations of remote controllers

**3 Example of System Configuration**

- 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:

**4 Setting the Pair Number & Main/Sub Switch**

- The signal receiving unit and the MA remote controller may be used together (group 4 above).
- The MA remote controller as ‘Main’ and the Signal Receiving Unit as ‘Slave’.
- Set the MA remote controller as ‘Main’, and the Signal Receiving Unit as ‘Slave’.
- **NOTE**: All electrical work must be performed by a licensed technician, according to local regulations and the instructions given in this manual.

**5 How To Install**

(1) Choose a place in which to install the Signal Receiving Unit (switch box).
- Be sure to observe the following steps:
  - When installing an air conditioner unit, make sure that it is placed on a flat surface and the ceiling is at least 2.3 m (7-9/16 ft) above the floor to ensure proper operation.

(2) Install the lower case on the switch box or directly on the wall.

- Refer to the installation manual for wireless remote controller for how to perform the test run.

**7 Possible Combinations of Signal Receiving Units and Remote Controllers**

- 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:

**4 Setting the Pair Number & Main/Sub Switch**

- The signal receiving unit and the MA remote controller may be used together (group 4 above).
- The MA remote controller as ‘Main’ and the Signal Receiving Unit as ‘Slave’.
- Set the MA remote controller as ‘Main’, and the Signal Receiving Unit as ‘Slave’.
- **NOTE**: All electrical work must be performed by a licensed technician, according to local regulations and the instructions given in this manual.

**5 How To Install**

(1) Choose a place in which to install the Signal Receiving Unit (switch box).
- Be sure to observe the following steps:
  - When installing an air conditioner unit, make sure that it is placed on a flat surface and the ceiling is at least 2.3 m (7-9/16 ft) above the floor to ensure proper operation.

(2) Install the lower case on the switch box or directly on the wall.

- Refer to the installation manual for wireless remote controller for how to perform the test run.

**7 Possible Combinations of Signal Receiving Units and Remote Controllers**

- 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:

**4 Setting the Pair Number & Main/Sub Switch**

- The signal receiving unit and the MA remote controller may be used together (group 4 above).
- The MA remote controller as ‘Main’ and the Signal Receiving Unit as ‘Slave’.
- Set the MA remote controller as ‘Main’, and the Signal Receiving Unit as ‘Slave’.
- **NOTE**: All electrical work must be performed by a licensed technician, according to local regulations and the instructions given in this manual.

**5 How To Install**

(1) Choose a place in which to install the Signal Receiving Unit (switch box).
- Be sure to observe the following steps:
  - When installing an air conditioner unit, make sure that it is placed on a flat surface and the ceiling is at least 2.3 m (7-9/16 ft) above the floor to ensure proper operation.

(2) Install the lower case on the switch box or directly on the wall.

- Refer to the installation manual for wireless remote controller for how to perform the test run.

**7 Possible Combinations of Signal Receiving Units and Remote Controllers**

- 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:

**4 Setting the Pair Number & Main/Sub Switch**

- The signal receiving unit and the MA remote controller may be used together (group 4 above).
- The MA remote controller as ‘Main’ and the Signal Receiving Unit as ‘Slave’.
- Set the MA remote controller as ‘Main’, and the Signal Receiving Unit as ‘Slave’.
- **NOTE**: All electrical work must be performed by a licensed technician, according to local regulations and the instructions given in this manual.

**5 How To Install**

(1) Choose a place in which to install the Signal Receiving Unit (switch box).
- Be sure to observe the following steps:
  - When installing an air conditioner unit, make sure that it is placed on a flat surface and the ceiling is at least 2.3 m (7-9/16 ft) above the floor to ensure proper operation.

(2) Install the lower case on the switch box or directly on the wall.

- Refer to the installation manual for wireless remote controller for how to perform the test run.

**7 Possible Combinations of Signal Receiving Units and Remote Controllers**

- 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:
1 Safety Precautions

The following ten symbols are used to indicate 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-FA32MA.

CAUTION: This symbol denotes what could lead to personal injury or damage to your property if you misuse the PAR-FA32MA.

2 Confirming the Supplied Parts

Check that the box includes the following parts in addition to this installation manual:

- Signal Receiving Unit
- Remote control unit (3 units)
- Bender screw (M4 x 30 mm) 10
- Hex screw (1 x 16) 1
- Lock nut and bushing
- Thin-copper wiring pipe
- Switch box for one unit
- 0.3 - 1.25 mm² (Stranded 22 to 16 AWG) twin-core cable (CVV, CVS, VVF)

3 Possible Combinations of Signal Receiving Units and Remote Controllers

When selecting the Signal Receiving Unit and the MA remote controller may be used together (group 4 above).

- Set the MA remote controller as “Main”, and the signal receiving unit as “Single”.

4 Setting the Pair Number & Main/Sub Switch

Setting pair the wireless remote controller and the Signal Receiving Unit.

5 How To Install

(1) Choose a place in which to install the Signal Receiving Unit (switch box).

Be sure to observe the following steps:

- When installing an after the switch box or the wall, allow space around the Signal Receiving Unit as shown in the figure on the right.
- When installing the Signal Receiving Unit to the switch box, the Signal Receiving Unit should be mounted at a position of 0.5 m (1.6 ft) or more above the floor.
- Parts which must be supplied on site.
- Switch box for one unit
- Thin-copper wiring pipe
- Insulation and bushing
- Install the unit on the wall or ceiling where the signal is received from the remote controller.

Example Ceiling cassette type, Ceiling cased type

Unit : mm (in) Protrusion

- Single setting
- All the units can be operated by a single wireless remote controller.

- The remote controller may be connected to each group.

- Set the MA remote controller as “Main”, and the signal receiving unit as “Single”.

- Be careful for installing the Signal Receiving Unit or replacing the lamp.

- Install the remote control card to the terminal block (No polarity).