

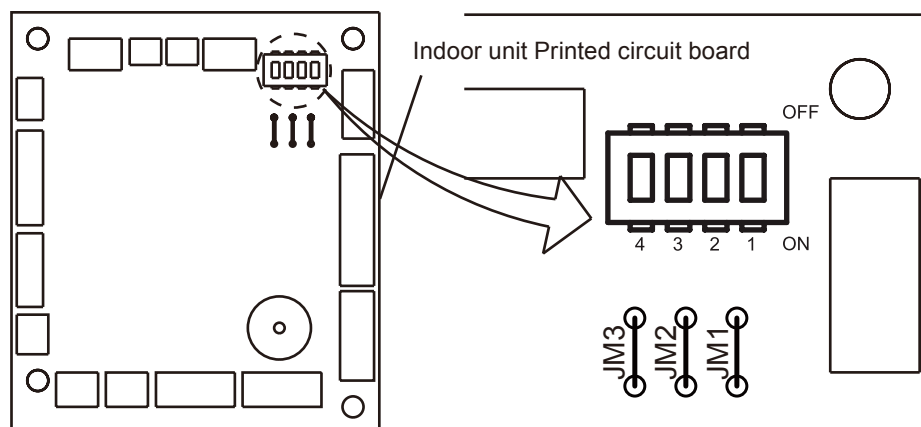
12. FUNCTION SETTINGS

12-1. INDOOR UNIT

| INDOOR UNIT | | |
|-------------|-----|-----------------------------------|
| DIP SW | 1 | Remote controller address setting |
| | 2 | |
| | 3 | |
| | 4 | |
| Jumper Wire | JM1 | Setting forbidden |
| | JM2 | |
| | JM3 | |

■ SWITCH POSITION

MAIN PCB



■ DIP-SW SETTING

● Remote controller address setting

A number of indoor units can be operated at the same time using a wired remote controller. Set the unit number of each indoor unit using the DIP switches on the indoor unit circuit board. (See the following table.)

The DIP switches are normally set to make the unit number 00.

(◆ . . . Factory setting)

| Remote controller address | DIP switch No. | | | |
|---------------------------|----------------|-----|-----|-----|
| | 1 | 2 | 3 | 4 |
| ◆ 00 | OFF | OFF | OFF | OFF |
| 01 | ON | OFF | OFF | OFF |
| 02 | OFF | ON | OFF | OFF |
| 03 | ON | ON | OFF | OFF |
| 04 | OFF | OFF | ON | OFF |
| 05 | ON | OFF | ON | OFF |
| 06 | OFF | ON | ON | OFF |
| 07 | ON | ON | ON | OFF |
| 08 | OFF | OFF | OFF | ON |
| 09 | ON | OFF | OFF | ON |
| 10 | OFF | ON | OFF | ON |
| 11 | ON | ON | OFF | ON |
| 12 | OFF | OFF | ON | ON |
| 13 | ON | OFF | ON | ON |
| 14 | OFF | ON | ON | ON |
| 15 | ON | ON | ON | ON |

12-2. INDOOR UNIT (Setting by remote controller)

- The function settings of the control of the indoor unit can be changed by this procedure according to the installation conditions. Incorrect settings can cause the indoor unit malfunction.
- After the power is turned on, perform the “FUNCTION SETTING” according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function Number or Setting Value.
- Settings will not be changed if invalid numbers or setting values are selected.

■ PREPARATION

- Turn on the power.
- * By turning on the power indoor units, so make sure the piping air-tight test and vacuuming have been conducted before turning on the power.
- * Also check again to make sure no wiring mistakes were made before turning on the power.

■ FUNCTION SETTING METHOD (for Wireless remote controller)

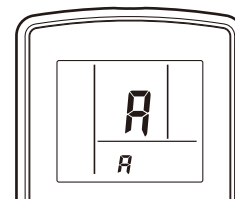
Entering the Function Setting Mode

- While pressing the FAN button and SET TEMP. (▲) simultaneously, press the RESET button to enter the function setting mode.

STEP 1

Setting the Remote controller Signal Code

Use the following steps to select the signal code of the remote controller. (Note that the air conditioner cannot receive a signal code if the air conditioner has not been set for the signal code.) The signal codes that are set through this process are applicable only to the signals in the FUNCTION SETTING. For details on how to set the signal codes through the normal process, refer to REMOTE CONTROLLER SIGNAL CODE SETTING.



1. Press the SET TEMP. (▲) (▼) button to change the signal code between $\bar{a} \rightarrow \bar{b}$
 $\rightarrow \bar{c} \rightarrow \bar{d}$ Match the code on the display to the air conditioner signal code. (initially set to \bar{a})
 (If the signal code does not need to be selected, press the MODE button and proceed to STEP 2.)
2. Press the TIMER MODE button and check that the indoor unit can receive signals at the displayed signal code.
3. Press the MODE button to accept the signal code, and proceed to STEP 2.

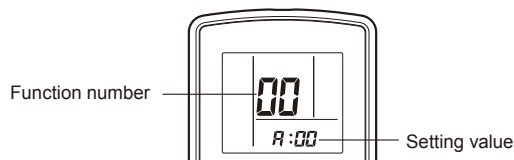
The air conditioner signal code is set to A prior to shipment.

The remote controller resets to signal code A when the batteries in the remote controller are replaced. If you use a signal code other than signal code A, reset the signal code after replacing the batteries.
 If you do not know the air conditioner signal code setting, try each of the signal codes ($\bar{a} \rightarrow \bar{b} \rightarrow \bar{c} \rightarrow \bar{d}$) until you find the code which operates the air conditioner.

STEP 2

Selecting the Function Number and Setting Value

1. Press the SET TEMP. (▲) (▼) buttons to select the function number.
 (Press the MODE button to switch between the left and right digits.)
2. Press the FAN button to proceed to setting the value.
 Press the FAN button again to return to the function number selection.)
3. Press the SET TEMP. (▲) (▼) buttons to select the setting value.
 (Press the MODE button to switch between the left and right digits.)
4. Press the TIMER MODE button, and START/STOP button, in the order listed to confirm the settings.
5. Press the RESET button to cancel the function setting mode.
6. After completing the FUNCTION SETTING, be sure to turn off the power and turn it on again.



⚠ CAUTION

After turning off the power, wait 10 seconds or more before turning on it again.
 The FUNCTION SETTING doesn't become effective if it doesn't do so.

■ CONTENTS OF FUNCTION SETTING

- Follow the instructions in the Local Setup Procedure, which is supplied with the remote control, in accordance with the installed condition.
After the power is turned on, perform the Function Setting on the remote control.
- The settings may be selected between the following two: Function Number or Setting Value.
- Settings will not be changed if invalid numbers or setting values are selected.

| | |
|----|---|
| 1) | Filter sign |
| 2) | Ceiling height |
| 3) | Cooler room temperature correction |
| 4) | Heater room temperature correction |
| 5) | Auto restart |
| 6) | Indoor room temperature sensor switching function |
| 7) | Remote controller signal code |
| 8) | External input control |
| 9) | Indoor unit fan control for energy saving |

1) Filter sign

The indoor unit has a sign to inform the user that it is time to clean the filter. Select the time setting for the filter sign display interval in the table below according to the amount of dust or debris in the room. If you do not wish the filter sign to be displayed, select the setting value for "No indication".

(◆ . . .Factory setting)

| Setting Description | Function Number | Setting Value |
|--------------------------------|-----------------|---------------|
| "Standard (2,500 hours)" | 11 | 00 |
| "Long interval (4,400 hours)" | | 01 |
| "Short interval (1,250 hours)" | | 02 |
| ◆ No indication | | 03 |

2) Ceiling height

Select the setting values in the table below according to the height of the ceiling.

(◆ . . .Factory setting)

| Setting Description | Function Number | Setting Value |
|-----------------------------|-----------------|---------------|
| ◆ Standard (2.5m to 3.0m) | 20 | 00 |
| High ceiling (3.0m or more) | | 01 |

3) Cooler room temperature correction

Depending on the installed environment, the room temperature sensor may require a correction. The settings may be selected as shown in the table below.

(◆ . . .Factory setting)

| Setting Description | Function Number | Setting Value |
|------------------------|-----------------|---------------|
| ◆ Standard | 30 | 00 |
| Slightly Lower control | | 01 |
| Lower control | | 02 |
| Warmer control | | 03 |

4) Heater room temperature correction

Depending on the installed environment, the room temperature sensor may require a correction. The settings may be changed as shown in the table below.

(◆ . . .Factory setting)

| Setting Description | Function Number | Setting Value |
|-------------------------|-----------------|---------------|
| ◆ Standard | 31 | 00 |
| Lower control | | 01 |
| Slightly warmer control | | 02 |
| Warmer control | | 03 |

5) Auto restart

Enable or disable automatic system restart after a power outage.

(◆. . .Factory setting)

| Setting Description | Function Number | Setting Value |
|---------------------|-----------------|---------------|
| ◆ Yes | 40 | 00 |
| No | | 01 |

- * Auto restart is an emergency function such as for power failure etc.
Do not start and stop the indoor unit by this function in normal operation.
Be sure to operate by the control unit, or external input device.

6) Indoor room temperature sensor switching function

(Only for Wired remote controller)

The following settings are needed when use the control by Wired remote controller temperature sensor.

(◆. . .Factory setting)

| Setting Description | Function Number | Setting Value |
|---------------------|-----------------|---------------|
| ◆ No | 42 | 00 |
| Yes | | 01 |

- If setting value is "00",
room temperature is controlled by the indoor unit temperature sensor.
- If setting value is "01",
room temperature is controlled by either indoor unit temperature sensor or remote controller unit sensor.

7) Remote controller signal code

Change the indoor unit Signal Code, depending on the remote controllers.

(◆. . .Factory setting)

| Setting Description | Function Number | Setting Value |
|---------------------|-----------------|---------------|
| ◆ A | 44 | 00 |
| B | | 01 |
| C | | 02 |
| D | | 03 |

8) External input control

"Operation/Stop" mode or "Forced stop" mode can be selected.

(◆. . .Factory setting)

| Setting Description | Function Number | Setting Value |
|-----------------------|-----------------|---------------|
| ◆ Operation/Stop mode | 46 | 00 |
| (Setting forbidden) | | 01 |
| Forced stop mode | | 02 |

9) Indoor unit fan control for energy saving (Only cooling mode)

Enable or disable indoor unit fan control when the outdoor unit is stopped.

(◆. . .Factory setting)

| Setting Description | Function Number | Setting Value |
|---------------------|-----------------|---------------|
| No | 49 | 00 |
| ◆ Yes | | 01 |

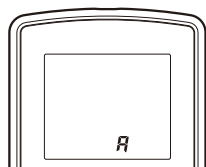
- If setting value is "00":
When the outdoor unit is stopped, the indoor unit fan operates following the setting on the remote controller continuously.
- If setting value is "01":
When the outdoor unit is stopped, the indoor unit fan operates at very low speed intermittently.

■ REMOTE CONTROLLER SIGNAL CODE SETTING

Use the following steps to select the signal code of the remote controller.

(Note that the air conditioner cannot receive a signal code if the air conditioner has not been set for the signal code.)

1. Press the START/STOP button until only the clock is displayed on the remote controller display.
2. Press the MODE button for at least five seconds to display the current signal code (initially set to **A**).
3. Press the SET TEMP. (**▲**) (**▼**) button to change the signal code between **A** → **B** → **C** → **D**.
Match the code on the display to the air conditioner signal code.
4. Press the MODE button again to return to the clock display. The signal code will be changed.



If no buttons are pressed within 30 seconds after the signal code is displayed, the system returns to the original clock display. In this case, start again from step 1.

The air conditioner signal code is set to A prior to shipment. Contact your retailer to change the signal code.

The remote controller resets to signal code A when the batteries in the remote controller are replaced. If you use a signal code other than signal code A, reset the signal code after replacing the batteries.
If you do not know the air conditioner signal code setting, try each of the signal codes (**A** → **B** → **C** → **D**.) until you find the code which operates the air conditioner.