

## 12. FUNCTION SETTINGS

### 12-1. 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 may cause an indoor unit malfunction.
- After turning on the power, perform the Function Setting according to the installation conditions by 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

- Before turning on the power of the indoor units:
  - Confirm that whether the piping air-tight test and vacuuming have been conducted.
  - Reconfirm that whether there is no miswiring.
- Turn on the power of the indoor units.

#### ■ FUNCTION SETTING METHOD (for Wireless remote controller)

##### Entering the Function Setting Mode

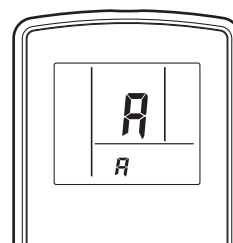
- While pressing the FAN button and SET TEMP. (▲) simultaneously, press the RESET button to enter the function setting mode.

##### 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.



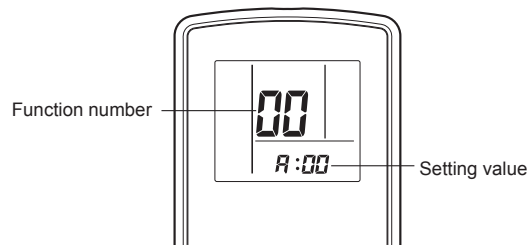
The air conditioner signal code is set to A prior to shipment.

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 30 seconds or more before turning it on again. The Function Setting will not become active unless the power is turned off on again.

## ■ CONTENTS OF FUNCTION SETTING

- Follow the instructions in the Local Setup Procedure, which is supplied with the remote controller, in accordance with the installed condition.  
After turning on the power, perform the Function Setting by 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.

1)	Filter sign
2)	Vertical airflow direction range control
3)	Room temperature control for cooling
4)	Room temperature control for heating
5)	Auto restart
6)	Room temperature sensor switching
7)	Remote controller signal code
8)	External input control
9)	Indoor unit fan control for energy saving for cooling

### 1) Filter sign

Select appropriate intervals for displaying the filter sign on the indoor unit according to the estimated amount of dust in the air of the room.

If the indication is not required, select "No indication" (03).

(◆. . .Factory setting)

Setting Description	Function Number	Setting Value
Standard (400 hours)	11	00
Long interval (1,000 hours)		01
Short interval (200 hours)		02
No indication		03

### 2) Vertical airflow direction range control

In a concealed installation, change the setting to "Fixed" (02) to restrict the movement of the upper air outlet so that the airflow is only towards the horizontal direction.

(◆. . .Factory setting)

Setting Description	Function Number	Setting Value
Standard	23	00
(Setting prohibited)		01
Fixed (Concealed)		02

### 3) Room temperature control for cooling

Depending on the installed environment, correction of the room temperature sensor may be required.

Select the appropriate control setting according to the installed environment.

(◆. . .Factory setting)

Setting Description	Function Number	Setting Value
Standard	30	00
Slightly lower control		01
Lower control		02
Higher control		03

#### 4) Room temperature control for heating

Depending on the installed environment, correction of the room temperature sensor may be required.

Select the appropriate control setting according to the installed environment.

(◆ . . . Factory setting)

Setting Description	Function Number	Setting Value
◆ Standard	31	00
Lower control		01
Slightly higher control		02
Higher control		03

#### 5) Auto restart

Enable or disable automatic restart after a power interruption.

(◆ . . . Factory setting)

Setting Description	Function Number	Setting Value
◆ Enable	40	00
Disable		01

\*Auto restart is an emergency function such as for power outage etc. Do not attempt to use this function in normal operation.

Be sure to operate the unit by remote controller or other external input device.

#### 6) Room temperature sensor switching

(Only for wired remote controller)

When using the Wired remote controller temperature sensor, change the setting to "Both" (01).

(◆ . . . Factory setting)

Setting Description	Function Number	Setting Value
◆ Indoor unit	42	00
Both		01

00: Sensor on the indoor unit is active.

01: Sensors on both indoor unit and wired remote controller is active.

#### 7) Remote controller signal code

(Only for wireless remote controller)

The indoor unit signal code can be changed. Select the appropriate signal code.

(◆ . . . 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 prohibited)		01
Forced stop mode		02

## 9) Indoor unit fan control for energy saving for cooling

Enables or disables the power-saving function by controlling the indoor unit fan rotation when the outdoor unit is stopped during cooling operation.

(◆ . . .Factory setting)

Setting Description	Function Number	Setting Value
◆ Disable	49	00
Enable		01

00: When the outdoor unit is stopped, the indoor unit fan operates continuously following the setting on the remote controller.

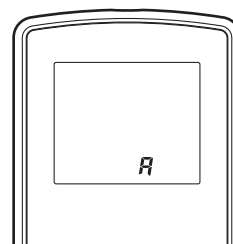
01: When the outdoor unit is stopped, the indoor unit fan operates intermittently at a very low speed

## ■ 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.