LG
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NEDERLANDS

INSTALLATION/ OWNER'S MANUAL

AIR CONDITIONER

Please read this installation manual completely before installing the product.
Installation work must be performed in accordance with the national wiring standards by authorized personnel only.
Please retain this installation manual for future reference after reading it thoroughly.

BECON HVAC ez (AC Ez)

PQCSZ250S0

www.lg.com

P/NO : MFL63284102

TIPS FOR SAVING ENERGY

Here are some tips that will help you minimize the power consumption when you use the air conditioner. You can use your air conditioner more efficiently by referring to the instructions below:

- Do not cool excessively indoors. This may be harmful for your health and may consume more electricity.
- Block sunlight with blinds or curtains while you are operating the air conditioner.
- Keep doors or windows closed tightly while you are operating the air conditioner.
- Adjust the direction of the air flow vertically or horizontally to circulate indoor air.
- Speed up the fan to cool or warm indoor air quickly, in a short period of time.
- Open windows regularly for ventilation as the indoor air quality may deteriorate if the air conditioner is used for many hours.
- Clean the air filter once every 2 weeks. Dust and impurities collected in the air filter may block the air flow or weaken the cooling / dehumidifying functions.

For your records

Staple your receipt to this page in case you need it to prove the date of purchase or for warranty purposes. Write the model number and the serial number here:

Model number :

Serial number :

You can find them on a label on the side of each unit.

Dealer's name :

Date of purchase :

SAFETY PRECAUTIONS

- The installation requires expert skills, and it should be installed by the service center or other shops specialized in the installation and recognized by our company.
- For all the problems arising after installation by someone who has no relevant qualifications, our company will not provide free service.
- The following safety cautions are provided to prevent unexpected dangers or losses.

⚠ WARNING

If the user does not follow the mandatory items, it may result in serious injury or death.

⚠ CAUTION

If the user does not follow the mandatory items, it may cause personal injury or property damage.

ⓘ WARNING/CAUTION

- Warning and Caution are to call the user's attention to the possible danger. Read and follow them carefully in order to prevent a safety accident.
- Warning and Caution are indicated in this guide and the product itself to help protect the users from danger.

⚠ WARNING

Installation
- Be sure to request to the service center or installation specialty store when installing products.
  It will cause fire or electric shock or explosion or injury.
- Request to the service center or installation specialty store when reinstalling the installed product.
  It will cause fire or electric shock or explosion or injury.
- Do not disassemble, fix, and modify products randomly.
  It will cause fire or electric shock.

In-use
- Do not place flammable stuffs close to the product.
  It will cause fire.
- Do not allow water to run into the product.
  It will cause electric shock or breakdown.
- Do not give the shock to the product.
  It will cause breakdown when giving the shock to the product.
- Request to the service center or installation specialty store when the product becomes wet.
  It will cause fire or electric shock.
- Do not give the shock using sharp and pointed objects.
  It will cause breakdown by damaging parts.

⚠ CAUTION

In-use

- Do not clean using the powerful detergent like solvent but use soft cloths.
  It will cause fire or product deformation.
- Do not press the screen using powerful pressure or select two buttons.
  It will cause product breakdown or malfunction.
- Do not touch or pull the lead wire with wet hands.
  It will cause product breakdown or electric shock.

TABLE OF CONTENTS

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INTRODUCTION

Features

AC Ez Controller

Back bracket

Screw

Accessory

Bracket

Manual

Room name sheet

Screw 4EA
(For Fixing on the wall)
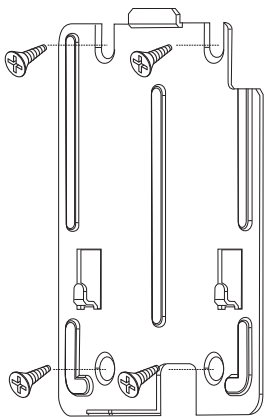
Screw 1EA
(For Fixing on the bracket)

Installation cable

INSTALLATION INSTRUCTION

After locating AC Ez installation Bracket at the desired location, screw the unit firmly.

- Set it up not to bend because poor setup could take place if setup board bends.

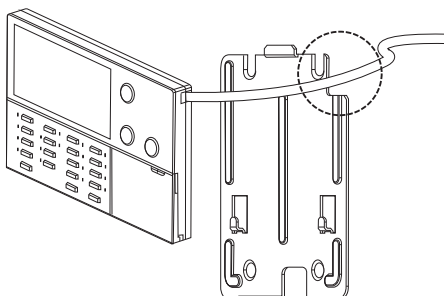- Set remote controller board to the reclamation box if there is a reclamation box.
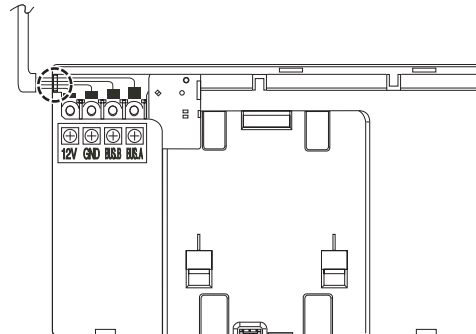

⚠ **CAUTION**

• Use the screws provided.

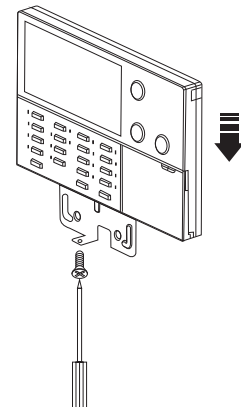Set up AC Ez cable in suitable connection method.

- In case of reclamation to the surface of the wall : Use the cable hole of bracket.

- In case of no reclamation to the surface of the wall : Use the right part guide groove.

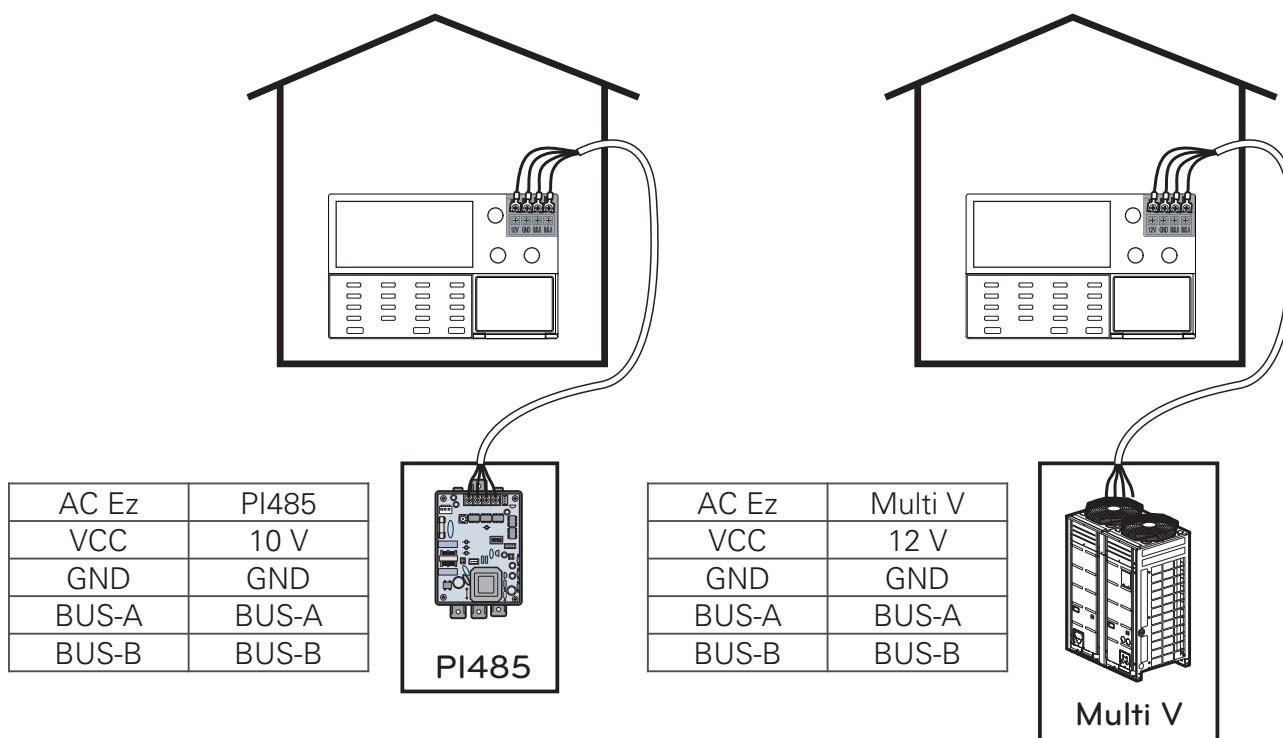Fix it by using screw provided at the lower part tightly after wet it up the bracket.

⚠ **CAUTION**

• It can crash on the floor by the impact, if screw is not fixed.
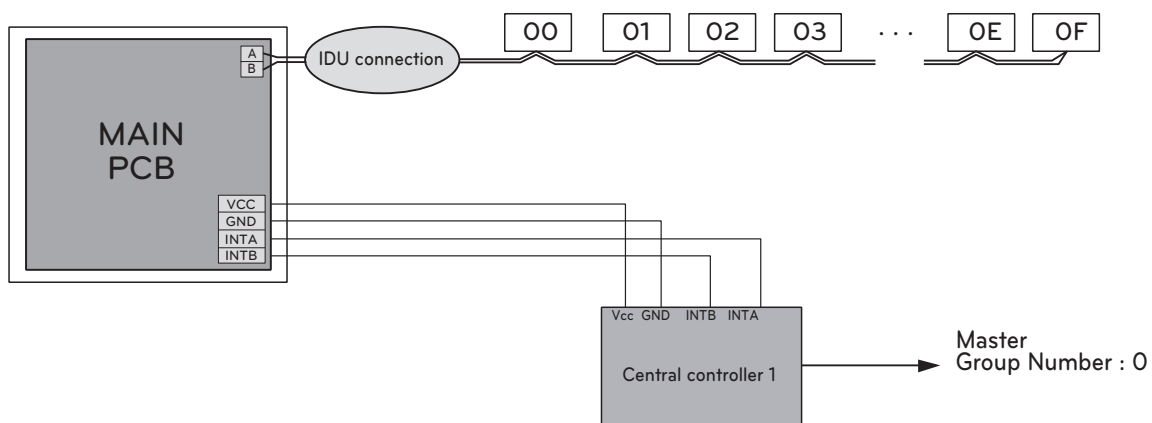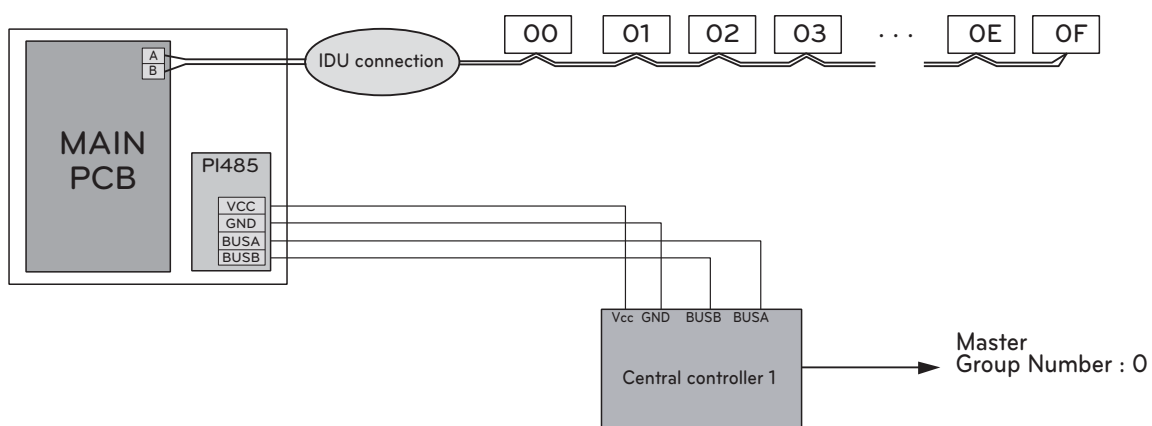
Method to Connect cable

To supply power to the central controller, supply it from the terminal block DC 10 V and GND terminal of PI485 or the terminal block DC 12 V and GND of outdoor unit.

AC Ez	PI485
VCC	10 V
GND	GND
BUS-A	BUS-A
BUS-B	BUS-B

PI485

AC Ez	Multi V
VCC	12 V
GND	GND
BUS-A	BUS-A
BUS-B	BUS-B

Multi V

⚠ CAUTION

- For supplying DC10 V power from PI485, power supply is permitted up to 1 central controllers per PI485. If power is supplied more than 1 AC Ez, failure may occur in operation of the **AC Ez**.

- For expanding and connecting PI485 communication lines BUS_A, BUS_B up to 16 **AC Ez**s can be connected.

- Use the 0.75 Square Shield wires for connection wires between PI485 and **AC Ez** wires.

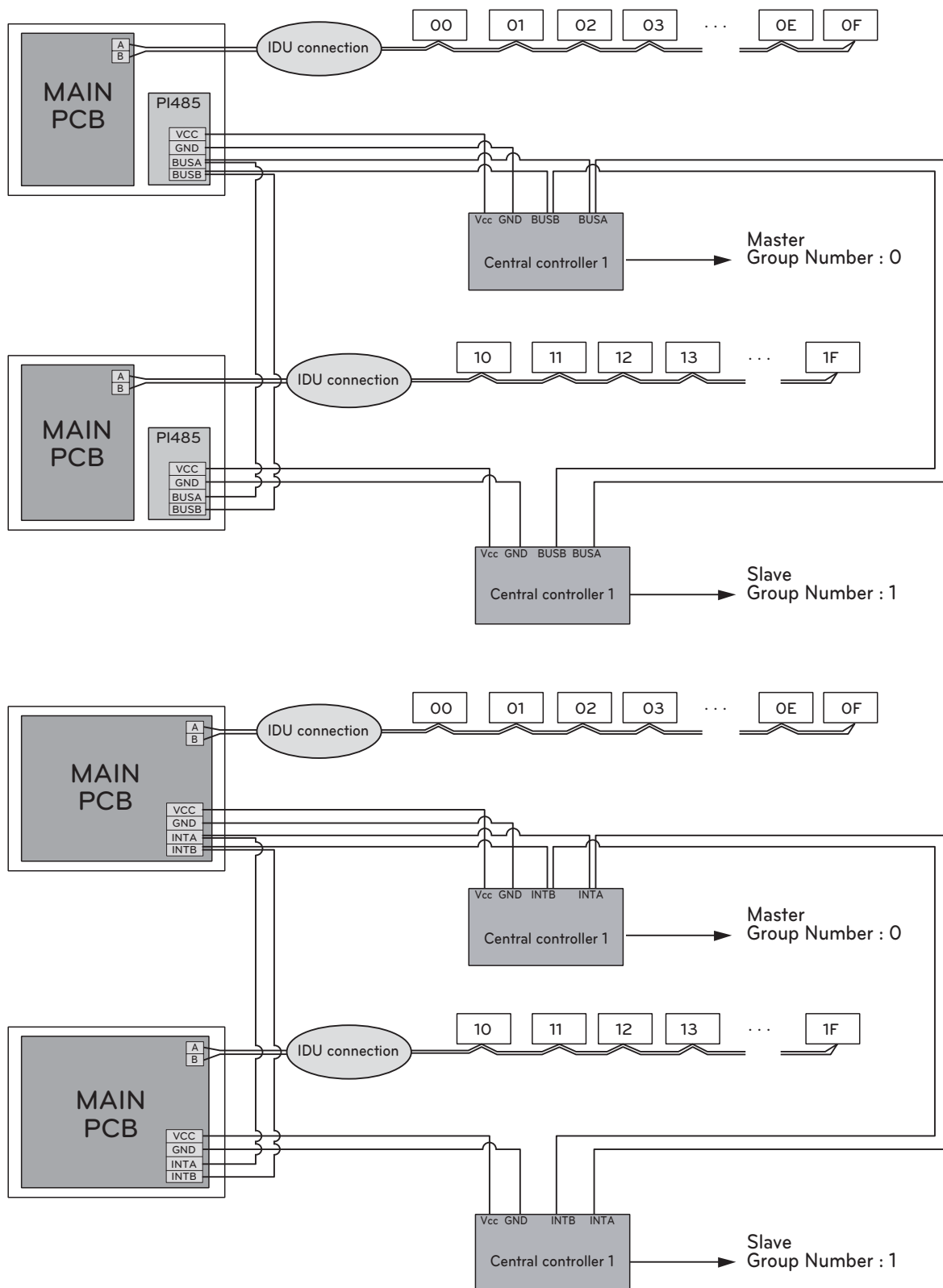- Length of whole connection wires should be less than 1km.

In case of independence installation of AC Ez

NOTE

AC Ez power should be inputted only one AC Ez from outdoor unit.
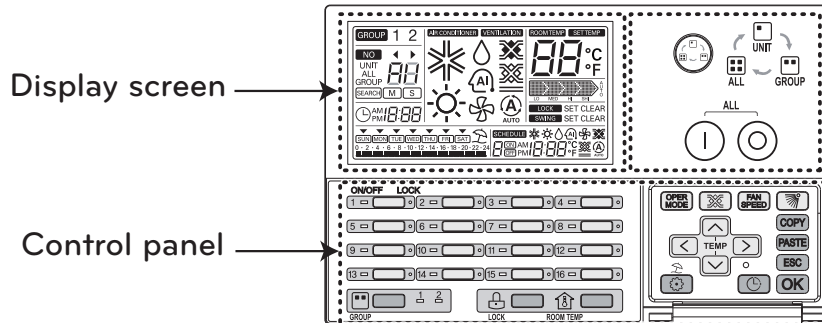
In case of linkage installation of AC Ez

NOTE

AC Ez power should be inputted only one AC Ez from outdoor unit. It is possible to set the Master/Slave setting and group number setting by entering the installation mode.
Central controller and outdoor unit wiring should be connected through BUS connection (BUS topology).
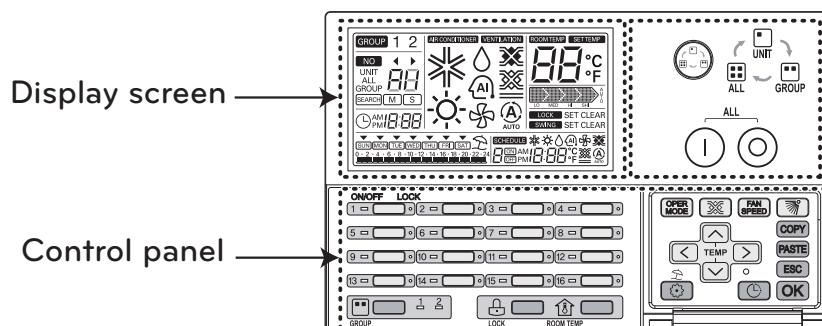
Part description

Name and Function of AC Ez

Display screen

Control panel

Control panel	Display screen	Description
		Control select button : Adjusts selected indoor unit range.
		Total On/Off button : Turns the power on/off condition of selected indoor units.
		Individual On/Off button : Turns the power on/off condition of individual indoor unit.
	GROUP 1 2	**Group selection button** : Change control and display group
	LOCK SET CLEAR	**Lock set/clear button** : Turns the lock set/clear
	ROOM TEMP SET TEMP	**Room temperature button** : Display the room temperature
OPER MODE		**Operation mode button** : Change operation mode of air conditioner
		Ventilation mode button : Change ventilation mode of ventilator
FAN SPEED		**Fan speed button** : Change fan speed
	SWING SET CLEAR	**Air flow button** : Turns swing set/clear of air flow

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Name and Function of AC Ez (Continued)

Display screen —————

Control panel —————

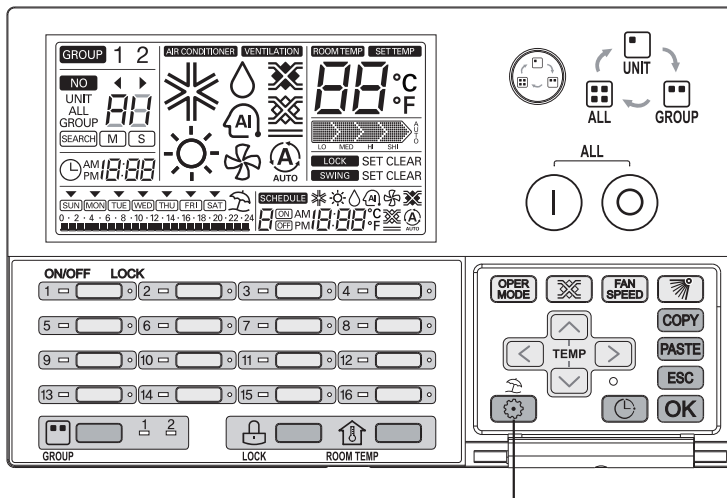| Control panel	Display screen	Description
TEMP (up/down)	88 °C °F	**Set temperature button** : Change desired operation temperature of air conditioner
< >	NO UNIT ALL GROUP 88	**Indoor select button** : Select desired indoor unit to control
(settings)		**Function setting button** : Enter installation mode to installation setup
(clock)	AM PM 18:88	**Current time setting button** : Setup the current time
(clock)	SCHEDULE 8 ON OFF AM PM 18:88 °C °F	**Schedule setting button** : Enter the schedule setup mode to setup desired schedule
COPY		**Schedule copy button** : Copy former set schedule
PASTE		**Schedule paste button** : Paste copied schedule
ESC		**Esc button** : Cancel the changed content
OK		**OK button** : Setup the changed content
(holiday)	(umbrella)	**Holiday setting button** : Turns holiday schedule application set/clear

- Some functions may not be operated and displayed depending on the product type.
- It will display undesirable value to the room temperature if wired remote controller is not connected.

Installation setup mode _ How to enter installer setup mode

⚠ **CAUTION**

Installer setting mode is to set the detail function of the AC Ez.

If the installer setting mode is not set correctly, it can cause problems to the product, Injury to user or property damage. This must be set by an certificated installer, and any installation or change that is carried out by a non-certified, user should be responsible for the results. In this case, free service cannot be provided.
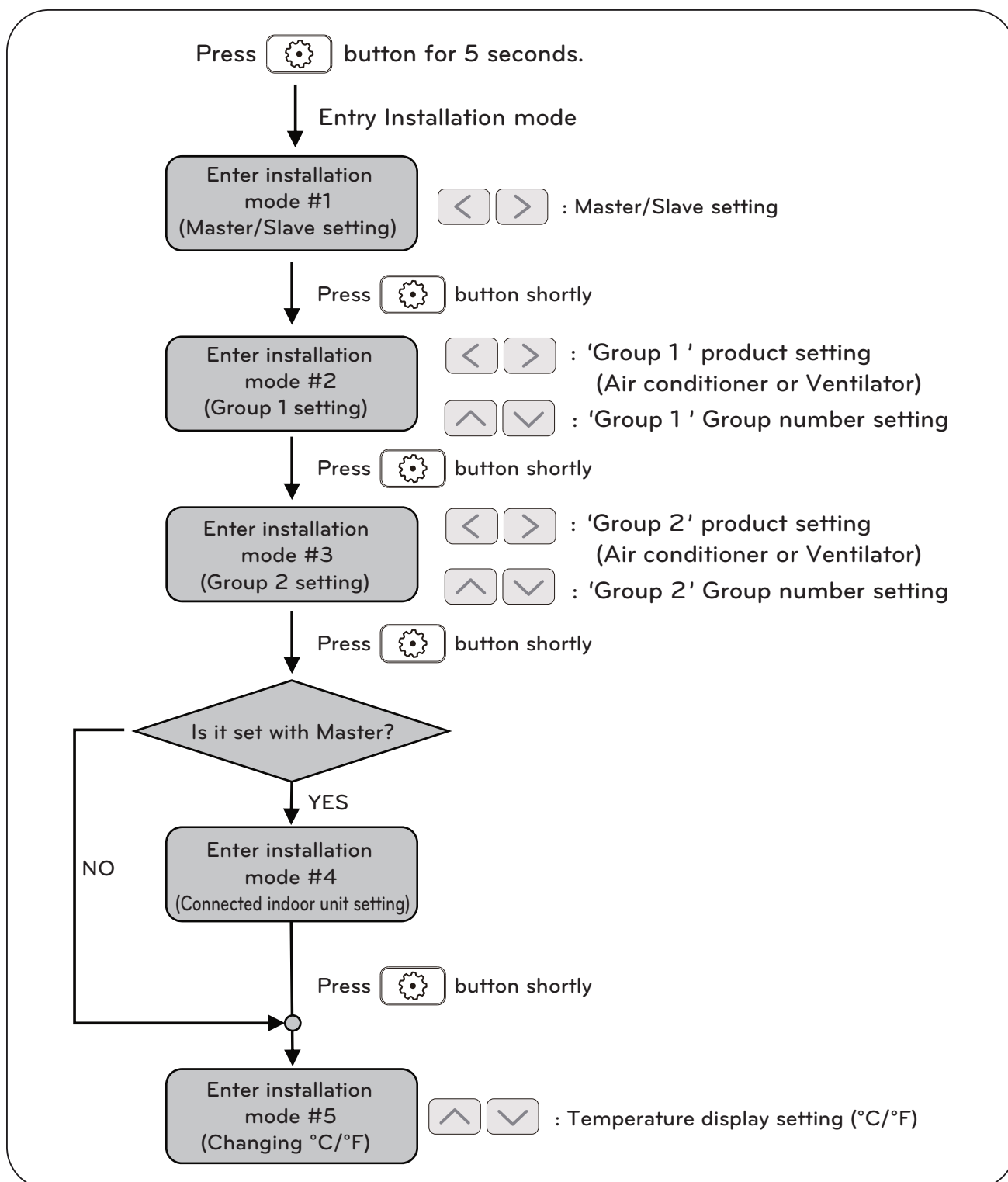

1 If pressing 🔆 button long for 5 seconds, it enters into AC Ez setup mode.

- If pressing once shortly, it doesn't enter into installer setup mode. Please press more than 5 seconds for sure.

2 When you enter the setting mode initially, function code is displayed and on/off led of indoor #1 is blinking.

Installer Setting Code Table

No.	Function	Code	Value
1	Master/Slave Setting	1	M : Master S : Slave
2	Group 1 product Select	2	Air conditioner / Ventilator
	Group Number Setting		0~F : Group Address - : No use of this group
3	Group 2 product Select	3	Air conditioner / Ventilator
	Group No. Setting		0~F : Group Address - : No use of this group
4	Indoor units searching (Master controller only)	4	Indoor unit searching
5	°C / °F setting	5	°C : Celsius
			°F : Fahrenheit

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Flow chart for Installer setup mode

Press [⚙] button for 5 seconds.

Entry Installation mode

Enter installation
mode #1
(Master/Slave setting)

[<] [>] : Master/Slave setting

Press [⚙] button shortly

Enter installation
mode #2
(Group 1 setting)

[<] [>] : 'Group 1 ' product setting
         (Air conditioner or Ventilator)

[∧] [∨] : 'Group 1 ' Group number setting

Press [⚙] button shortly

Enter installation
mode #3
(Group 2 setting)

[<] [>] : 'Group 2' product setting
         (Air conditioner or Ventilator)

[∧] [∨] : 'Group 2' Group number setting

Press [⚙] button shortly

Is it set with Master?

NO

YES

Enter installation
mode #4
(Connected indoor unit setting)

Press [⚙] button shortly

Enter installation
mode #5
(Changing °C/°F)

[∧] [∨] : Temperature display setting (°C/°F)

ⓘ NOTE

In each installation mode, if you press the [OK] button, it is operated or saved current setting condition.
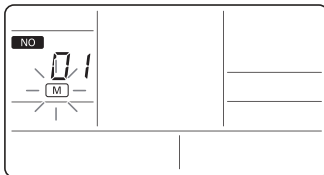
If you press the [ESC] button, it is returned before setting condition and exits from installation mode.

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Installation setup mode #1 _ Master/Slave setting

1 If pressing 🔆 button long for 5 seconds, it enters into AC Ez setup mode.

   - If pressing once shortly, it doesn't enter into installer setup mode.
     Please press more than 5 seconds for sure.

2 When entering the Master/Slave setting mode, it displays '01' and blinks [M] or [S] in LCD. It shows on #1 of setup mode by blinking the on/off led of indoor #1.

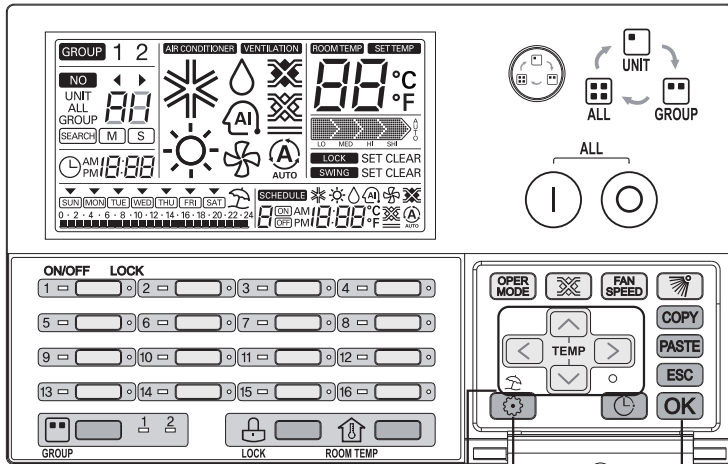**3** Select Master/Slave setting condition by pressing [<][>] button.

4 Apply desired time setting by pressing the [OK] button.
After pressing [OK] button, corresponding setting condition is saved, [M] or [S] of LCD stops blinking.

🔵 NOTE

- After setting, if you press the [ESC] button or it doesn't have any button input for 20 seconds, it exits from installation mode automatically.
- If you exit installation mode without pressing [OK] button, changed value don't apply.
- If you press individual on/off button of corresponding installation mode to change, you can enter corresponding installation mode directly.

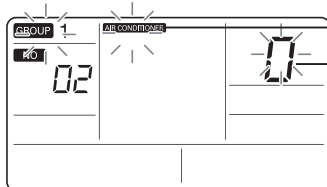## Installation setup mode #2 _ Group 1 product Select & Group Number Setting

This function is used for setting the product type and group number of group 1.

1 If pressing ⚙ button long for 5 seconds, it enters into AC Ez setup mode.
   - If pressing once shortly, it doesn't enter into installer setup mode. Please press more than 5 seconds for sure.

2 If entering into product and group number setup mode of group 1 by using ⚙ button, it indicates as picture below. It shows on #2 of setup mode by blinking the on/off led of indoor #2.

→ Product type
→ Group number

3 Select the product type of group 1 by pressing < > button.

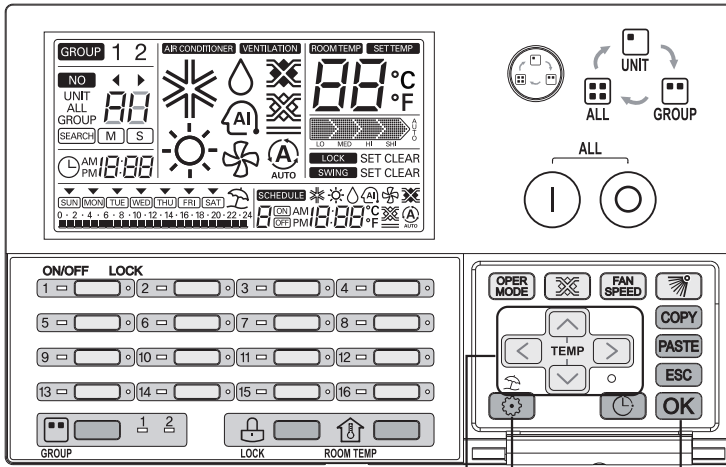4 Select the group number of group 1 by pressing ⋀ ⋁ button.

5 Save the product type and group number of group 1 by pressing OK button. After pressing OK button, corresponding setting condition is saved, group type and group number stops blinking.

⚠ NOTE

- After setting, if you press the ESC button or it doesn't have any button input for 20 seconds, it exits from installation mode automatically.
- If you exit installation mode without pressing OK button, changed value don't apply.
- If you press individual on/off button of corresponding installation mode to change, you can enter corresponding installation mode directly.
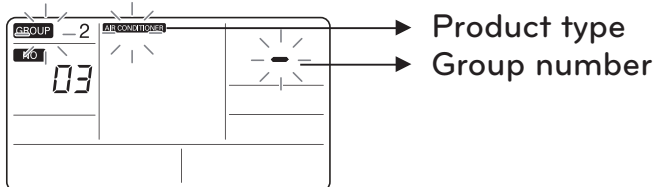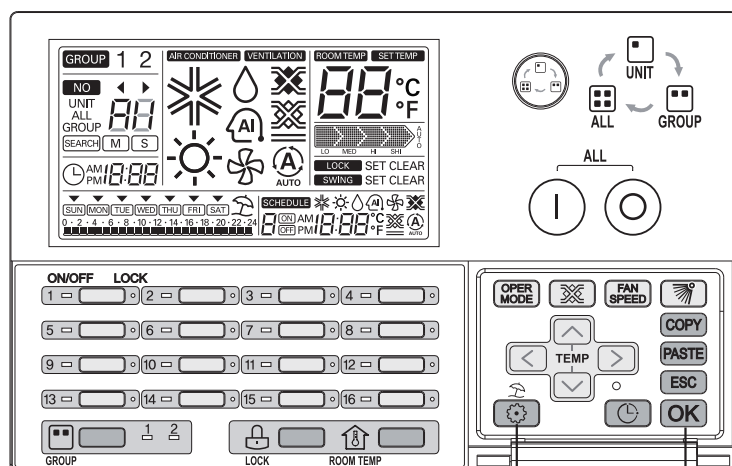
Installation setup mode #3 _ Group 2 product Select & Group Number Setting

This function is used for setting the product type and group number of group 2.

1 If pressing ⚙ button long for 5 seconds, it enters into AC Ez setup mode.

- If pressing once shortly, it doesn't enter into installer setup mode. Please press more than 5 seconds for sure.

2 If entering into product and group number setup mode of group 2 by using ⚙ button, it indicates as picture below. It shows on #3 of setup mode by blinking the on/off led of indoor #3.

→ **Product type**
→ **Group number**

3 Select the product type of group 2 by pressing ⟨ ⟩ button.

4 Select the group number of group 2 by pressing ⋀ ⋁ button.

5 Save the product type and group number of group 2 by pressing OK button. After pressing OK button, corresponding setting condition is saved, group type and group number stops blinking.

ⓘ **NOTE**

• After setting, if you press the ESC button or it doesn't have any button input for 20 seconds, it exits from installation mode automatically.
• If you exit installation mode without pressing OK button, changed value don't apply.
• If you press individual on/off button of corresponding installation mode to change, you can enter corresponding installation mode directly.

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Installation setup mode #4 _ Searching the Connected indoor unit (Master Only)
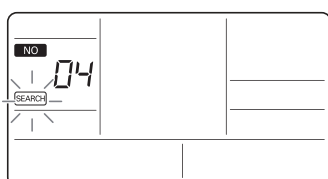
This function is searching connected indoor unit. This function can use only AC Ez controller of set Master.

After central address setting of indoor unit and auto-addressing of outdoor unit, start searching the connected indoor unit. If you don't do it before, it might not search the connected indoor unit normally.

1 If pressing 🔅 button long for 5 seconds, it enters into AC Ez setup mode.
   - If pressing once shortly, it doesn't enter into installer setup mode. Please press more than 5 seconds for sure.

2 If entering into searching mode of connected indoor unit by using 🔅 button, it indicates as picture below.
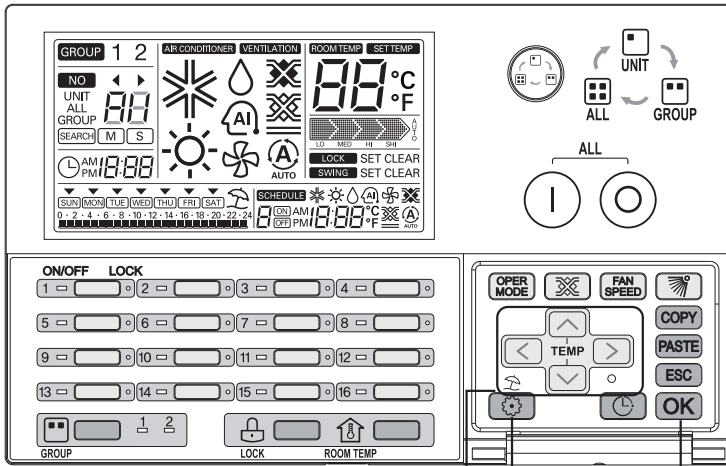

3 After pressing OK button, searching the connected indoor unit starts. individual on/off led is blinking by rotation and SEARCH of LCD is blinking.

🛈 NOTE

• After setting, if you press the ESC button or it doesn't have any button input for 20 seconds, it exits from installation mode automatically.
• If you exit installation mode without pressing OK button, changed value don't apply.
• If you press individual on/off button of corresponding installation mode to change, you can enter corresponding installation mode directly.
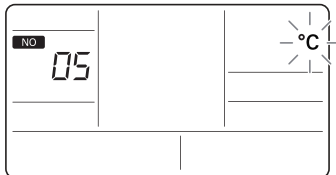
Installation setup mode #5 _ Celsius/Fahrenheit Switching

To change temperature display type from Celsius to Fahrenheit and vise versa

1 If pressing ⚙ button long for 5 seconds, it enters into AC Ez setup mode.
   - If pressing once shortly, it doesn't enter into installer setup mode. Please press more than 5 seconds for sure.

2 If entering into Celsius/Fahrenheit switching mode by using ⚙ button, it indicates as picture below.
   It shows on #5 of installation setup mode by blinking the on/off led of indoor #5.

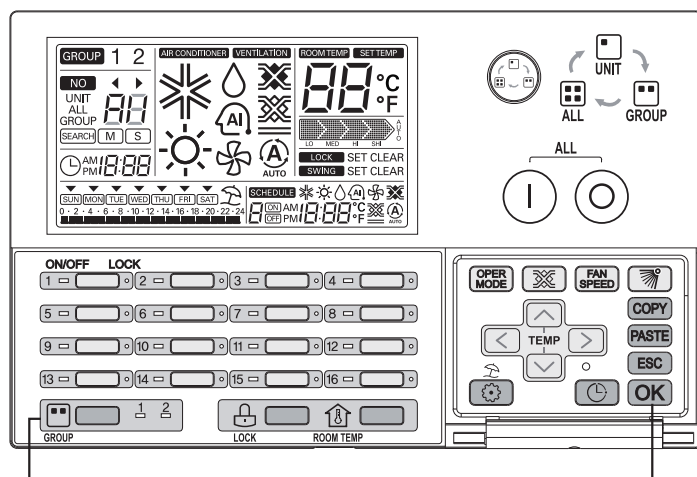
When entering the Celsius/Fahrenheit switching mode , it displays '05' and blinks '°C' or '°F' in LCD.

3 Select temperature display method either °C or °F by pressing ⌃⌄ button.

4 Setup the selected temperature display method by pressing OK button.
   After pressing OK button, corresponding setting is saved.
   It displays set temperature display method on operation condition.

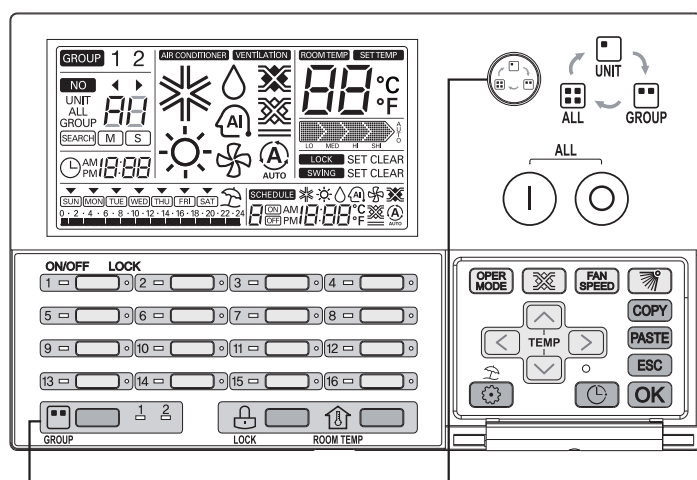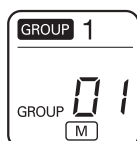## Checking mode _ Confirmation of connected indoor unit

1 Select the group to control and display by pressing "GROUP SELECT" button. When pressing "GROUP SELECT" button, Group 1 and Group 2 is changed in turn.

2 When pressing the [OK] button, it indicates connected indoor units by blinking corresponding individual on/off led of connected indoor unit 5 times.

Checking mode _ Confirmation the set group address

1 Select corresponding group to want to confirm the group number by pressing "GROUP SELECT" button. When pressing "GROUP SELECT" button, Group 1 and Group 2 is changed in turn.

2 Select "GROUP" selection of control selection mode by pressing 🔄 button. When selecting group selection mode, it displays "GROUP" icon of LCD and group number of corresponding group in "88" seg of LCD
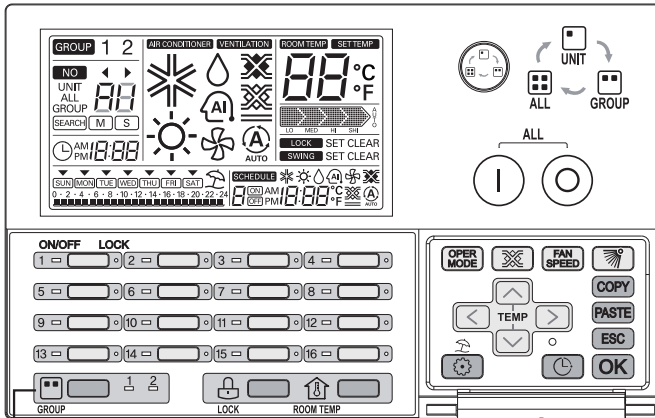

❋ The group number displays group number + 1 of set corresponding group in installation mode. (group number setting : 0~F, group number display : 1~16)

Ex) If you setup group number to "0" in installation mode, it displays group number to "1" in normal group selection condition.

OWNER'S INSTRUCTION
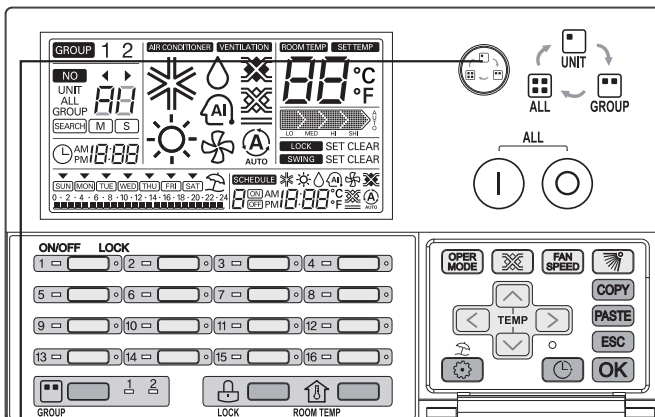
Group selection

1 Select the group to control and display by pressing "GROUP SELECT" button. When pressing "GROUP SELECT" button, Group 1 and Group 2 is changed in turn.

2 When pressing "GROUP SELECT" button, LED is turned on as set group and displayed corresponding current condition by using LCD and LED.

🛈 NOTE
• In case of Eco-V DX, it is possible to control and display in ventilation group.

Control range selection

Select product range to control by pressing [icon] button.

• **UNIT :** Individual indoor unit
• **GROUP :** Connected indoor units of corresponding group
• **All :** Connected indoor units of all groups (same type product only)

Selected product range is changed as following by pressing [icon] button.
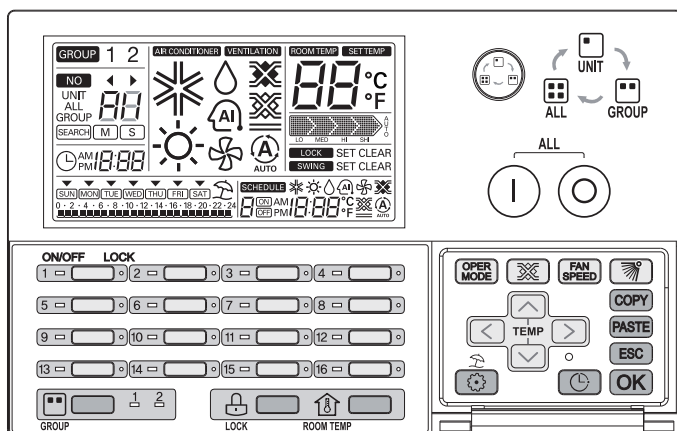(UNIT → GROUP→ ALL → UNIT)
※ Set central controller of slave is changed as following. (UNIT→ Group → UNIT)

🛈 NOTE
When selecting GROUP ALL , controlled indoor unit condition at the latest is displayed in LCD. If you control in this condition, all indoor units of selected product range is changed equally. When selecting all group condition, if it doesn't have any button input for 20 seconds, it returns individual unit selection mode automatically.

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Individual unit operation

This is the function to control on/off condition of individual indoor unit .

1 In case of off condition

- If corresponding indoor unit is selected already
  When pressing individual ON/OFF button, corresponding indoor unit is operated and is turned on individual on/off LED.

- If other indoor unit is selected,
  When pressing individual ON/OFF button, corresponding indoor unit is selected and is still turned off the LCD display and individual on/off LED.
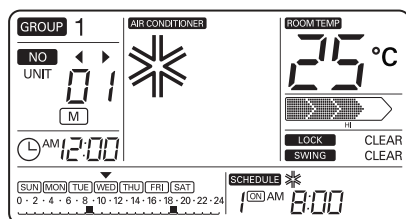
2 In case of on condition

- If corresponding indoor unit is selected already
  When pressing individual ON/OFF button, corresponding indoor unit is stopped and is turned off the LCD display and individual on/off LED.

- If other indoor unit is selected,
  When pressing individual ON/OFF button, corresponding indoor unit is selected and is turned on the LCD display and individual on/off LED.
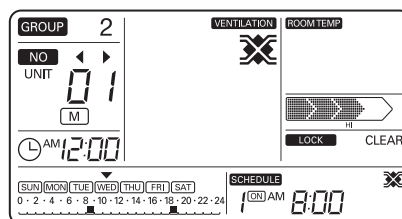
✻ It indicates on transmission by blinking the group LED.
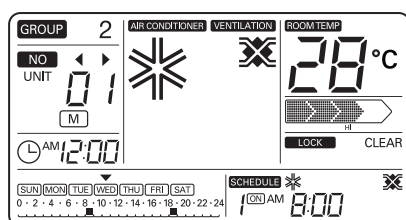   EX) Group 1 product type : Air-conditioner
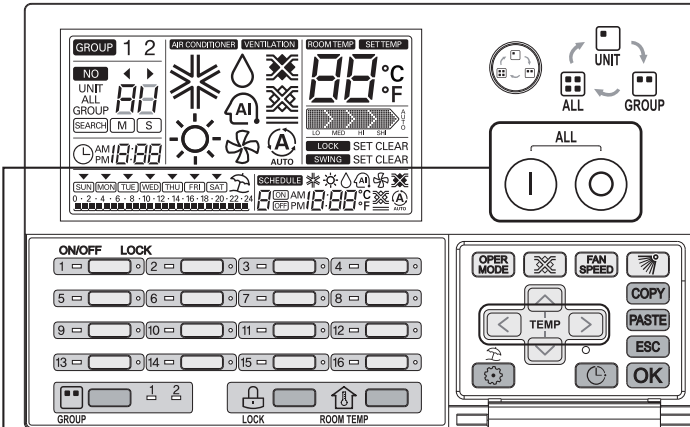   Group 2 product type : Ventilator

<Air-Conditioner display condition>

<Ventilator display condition>

<Eco-V DX display condition>

Group operation

This is the function to control on/off condition of group units.

---

1 **In case of operation Off condition**

When pressing (|) button, all connected units of corresponding group are operated and are turned on it in regular sequence.
At that time, corresponding group number and controlled indoor unit condition the latest is displayed in LCD.

❈ If you control in this condition, all indoor units of selected group are changed equally.

2 **In case of operation on condition**

When pressing (○) button, all connected units of corresponding group are stopped and are turn off individual on/off LEDs in regular sequence.
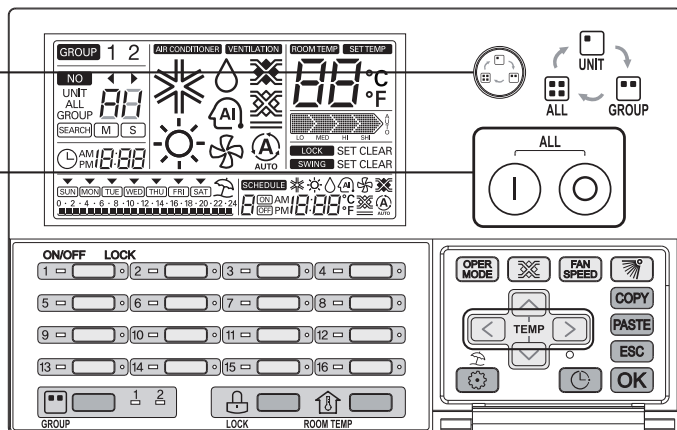
At that time, indoor unit condition in LCD is disappeared.

> ⓘ **NOTE**
>
> - If you select group control mode by pressing 🔘 button, you can select corresponding group without changed operation condition.
> - After selecting group selection mode, if it doesn't have any button input for 20 seconds, it returns individual unit selection mode automatically.

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All operation (Master AC Ez only)

This is the function to control on/off condition of all units.This function is used for master AC Ez controller only.

1 Select "ALL" control mode by pressing 🔘 button of Master AC Ez controller. Master AC Ez controller indicates M icon in LCD.

   - In case of Slave AC Ez controller cannot select this mode.

2 It displays "ALL" icon and 𝘈𝘭𝘭 seg in LCD. At that time, the latest controlled indoor unit condition is displayed in LCD.

   - If you control in this condition, all indoor units of selected product type are changed equally.
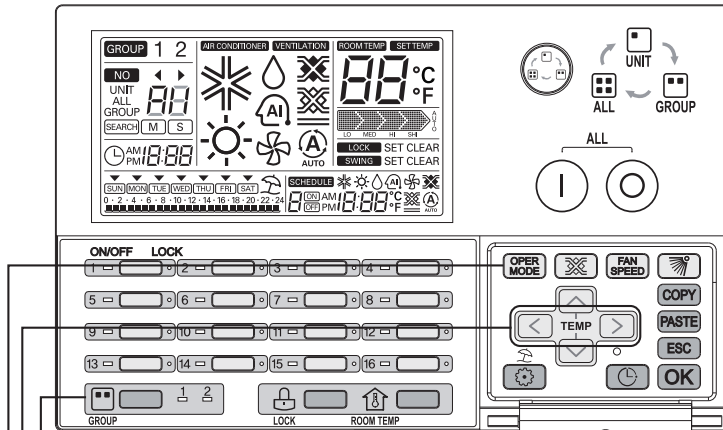
   When selecting All Control,

   - If you press Ⓘ button, all connected units of corresponding product type are operated and are turn on individual on/off LEDs in regular sequence. At that time, indoor unit condition in LCD is appeared.

   - If you press Ⓞ button, all connected units of corresponding product type are stopped and are turn off individual on/off LEDs in regular sequence. At that time, indoor unit condition in LCD is disappeared.

> **❗ NOTE**
>
> • If you select group control mode by pressing 🔘 button, you can select corresponding group without changed operation condition.
> • After selecting group selection mode, if it doesn't have any button input for 20 seconds, it returns individual unit selection mode automatically.

Air-conditioner operation mode setting

This is the function to control operation mode of Air-conditioner / Eco-V DX

1 Select the group to control by pressing "GROUP SELECT" button.
   (In case of ventilator, this function is not working.)

2 Select indoor unit to control by pressing individual on/off button.
   (Or select indoor unit to control by pressing < > button.)

3 Select operation mode of corresponding indoor unit by pressing < > button.

   - It is changed for operation mode by pressing OPER MODE button.
     Air-conditioner : Cooling → Heating → Auto → Dehumidification → Fan
     Eco-V DX : Cooling → Heating → Auto → OFF

   - It is changed for corresponding individual on/off LED display as changing operation
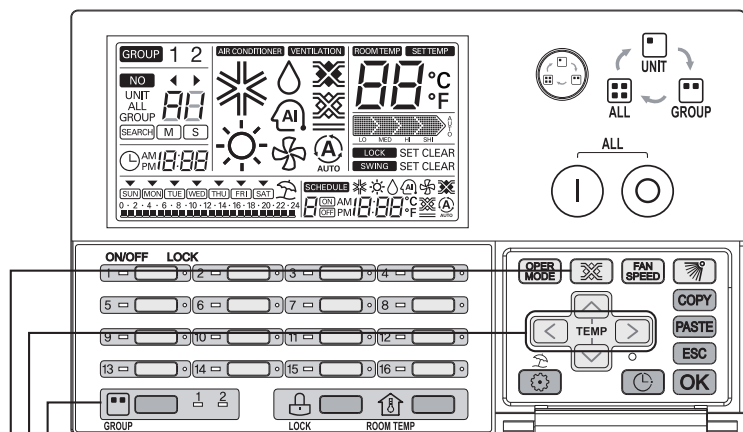   mode.

   > - Cooling/Dehumidification/fan : Green
   > - Heating : Amber
   > - Failure status : Red
   > - Stop : Off

ⓘ NOTE

• It is changed for the operation mode of selected indoor unit as control selection condition.
   - When selecting group control mode,
     If you change the operation mode in this condition, all indoor units of corresponding
     group are changed equally.
   - When selecting all control mode,
     If you change the operation mode in this condition, all indoor units of selected product
     type are changed equally.

ENGLISH

Ventilation mode setting

This is the function to control ventilation mode of ventilator / Eco-V DX

1 Select ventilation product by pressing "GROUP SELECT" button.
  (In case of air-conditioner, this function is not working.)

2 Select indoor unit to control by pressing individual on/off button.
  (Or select indoor unit to control by pressing ⟨ ⟩ button.)

3 Select the ventilation mode of corresponding ventilator by pressing ▨ button.
  (Heat exchange →Normal → Automatic)

  - It is changed for corresponding individual on/off LED display as changing ventilation
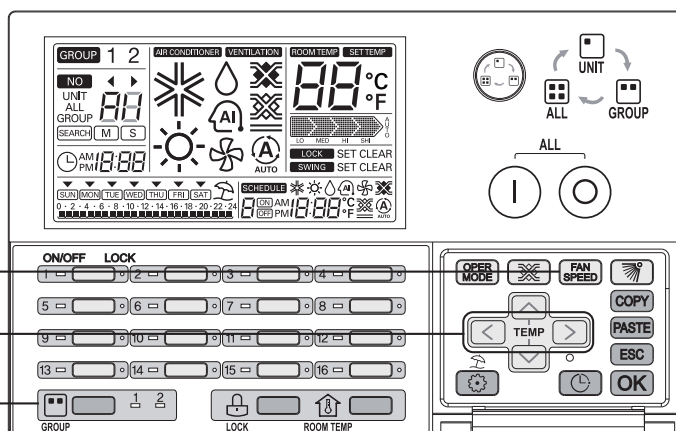   mode.

  > - Ventilation mode on : Green
  > - Ventilation mode Stop : Off

! NOTE

- It is changed for the ventilation mode of selected ventilation unit as control selection
  condition.

  - When selecting group control mode,
    If you change the ventilation mode in this condition, all ventilation units of correspon-
    ding group are changed equally.

  - When selecting all control mode,
    If you change the ventilation mode in this condition, all ventilation units of selected
    product type are changed equally.

Desired temperature setting

This function is used for setting desired temperature of air-conditioner / Eco-V DX.

1 Select the group to control by pressing "GROUP SELECT" button.

2 Select indoor unit to control by pressing individual on/off button.
(Or select indoor unit to control by pressing ⟨ ⟩ button.)

3 Setup the desired temperature by pressing ⌃ ⌄ button.

– Temperature can be set between 18 °C and 30 °C. (Temperature can be set between 64 °F and 86 °F.)

⌃ : Temperature increases 1 °C by pressing the button once.

⌄ : Temperature decreases 1 °C by pressing the button once.

• In case of ventilation unit, desired temperature setting is not working.

• In case of Eco-V DX unit, desired temperature setting is possible to control when turning on the air-conditioner.

! NOTE

• It is changed for the desired temperature of selected indoor unit as control selection condition.

- When selecting group control mode,
  If you change the desired temperature in this condition, all indoor units of corresponding group are changed equally.

- When selecting all control mode,
  If you change the desired temperature in this condition, all indoor units of selected product type are changed equally.

ENGLISH

Fan speed setting

The function is used to control desired fan speed.

1 Select the group to control by pressing "GROUP SELECT" button.

2 Select indoor unit to control by pressing individual on/off button.
   (Or select indoor unit to control by pressing [<] [>] button.)

3 Setup the desired fan speed to control by pressing [FAN SPEED] button.

   - It is changed for corresponding fan speed by pressing [FAN SPEED] button.

Air-conditioner :
Low → Middle → High → Auto

Fan speed	Window display
Low	LO
Middle	MED
High	HI
Auto	AUTO

Ventilation unit/Eco-V DX :
Low → High → Super High

Fan speed	Window display
Low	LO
High	HI
Super High	SHI

* In case of SLO, it displays Low.
* In case of Po, it displays High.

⚠ **NOTE**

• It is changed for the desired fan speed of selected indoor unit as control selection condition.

  - While selecting group control mode,
    If you change the desired fan speed, all indoor units of corresponding group are changed simultaneously.

  - While selecting all control mode,
    If you change the desired fan speed, all indoor units of selected product type are changed simultaneously.

ENGLISH

Air flow direction setting

This function is used to control air flow direction of air-conditioner.

1 Select the group to control by pressing "GROUP SELECT" button.

2 Select indoor unit to control by pressing individual on/off button.
   (Or select indoor unit to control by pressing < > button.)

3 Select the setting condition of air flow direction by pressing 🖾 button.

   - It is changed for corresponding air flow direction by pressing 🖾 button.
     (Set ⟷ Clear)

   > - SET   : The air flow direction is changed automatically.
   > - CLEAR : The air flow direction is fixed.

⚠ NOTE

• It is changed for air flow setting condition of selected indoor unit as control selection
  condition.

  - While selecting group control mode,
    If you change the desired air flow setting condition, all indoor units of corresponding
    group are changed simultaneously.

  - While selecting all control mode,
    If you change the desired air flow setting condition, all indoor units of selected prod-
    uct type are changed simultaneously.

Lock setting

This function is used to limit the indoor unit control of remote controller.
In this condition, it is possible to control indoor unit by central controller only.

1 Select the group to control by pressing "GROUP SELECT" button.

2 Select indoor unit to control by pressing individual on/off button.
   (Or select indoor unit to control by pressing ⟨ ⟩ button.)

3 Select lock setting application by pressing 🔒 button.
   LOCK

   - It is changed for lock setting condition of corresponding indoor unit by pressing 🔒 button.
     LOCK

   > - SET   : Corresponding indoor unit is locked.
   > - CLEAR : Corresponding indoor unit is unlocked.

⚠ NOTE

• It is changed for lock setting condition of selected indoor unit as control selection condition.

- While selecting group control mode,
  If you change the lock setting condition, all indoor units of corresponding group are changed simultaneously.

- While selecting all control mode,
  If you change the lock setting condition, all indoor units of selected product type are changed simultaneously.

Flow chart for current time setting

• Current time setting

Press [🕐] button for 5 seconds.

Entry to current time setting mode.

| Select today | [<] [>] : Select today

Press [OK] button.

| AM/PM setting | [∧] [∨] : Select AM or PM

Press [>] button.

| hour setting | [∧] [∨] : Select the current hour
(1~12, 1 Hour interval)

Press [>] button.

| Minute setting | [∧] [∨] : Select the current minute
(00~59, 1minute interval)

Press [OK] button.

| Setting finish |

! NOTE

• If you press [ESC] button, the time is changed back to previously configured condition and it exits from current time setting mode.

ENGLISH

Changing current time

This function is used to change current time.

1   Press [⊙] button for 5 seconds to enter 'Current time' setting mode.
    The current day of the week will blink on window.

2   Select the current day by pressing the [<][>] button.

3   After selecting current day, press the [OK] button to move to time setting mode.
    Inverted triangle is displayed above corresponding day of week.

4   Select the AM/PM by pressing the [∧][∨] button.

5 Enter 'hour' setting mode by pressing the ⟩ button. The hour in window will blink.

6 Select current hour by pressing the ⋀⋁ button.

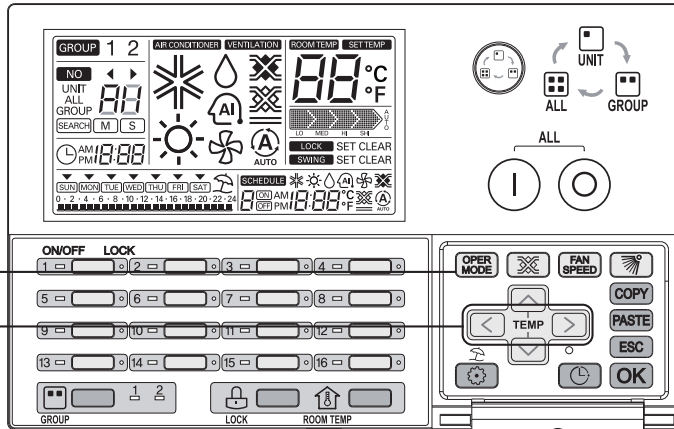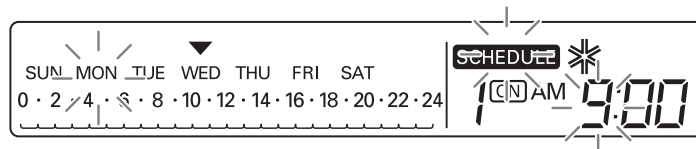(1~12, 1 Hour interval)

7 Enter 'minute' setting mode by pressing the ⟩ button. The minute in window will blink.

8 Select current hour by pressing the ⋀⋁ button.

00 ~ 59 (1 Minutes interval)

9 Apply desired time setting by pressing the OK button.

• After pressing OK button, the schedule display is updated. While updating, the schedule icon blinks.

ⓘ NOTE

• To cancel time setting mode during setting, press ESC button.
at that time, current time will be back to previously configured time and it exits from current time setting mode.

ENGLISH

Flow chart for schedule setting

• Schedule setting

Press [🕒] button shortly.

Entry to schedule setting mode.

Select day of week   [<] [>]   : select the day of week to set up the schedule.

Press [OK] button.

Schedule number selection   [∧] [∨]   : select schedule number to set up schedule (1~8)

Press [>] button.

Schedule AM/PM setting   [∧] [∨]   : select AM or PM

Press [>] button.

Schedule time setting   [∧] [∨]   : select the schedule hour (1~12, 1 Hour interval)

Press [>] button.

Schedule mode setting

[OPER MODE] : select the schedule mode

Schedule minute setting   [∧] [∨]   : select the schedule minute (00~50, 10 minutes interval)

Press [>] button.

Schedule temperature setting   [OPER MODE] [∧] [∨]   : select the schedule temperature (18~30°C) It is possible operation mode of cooling, heating and auto only.

Press [OK] button.

Schedule setting finish

⚠ NOTE

• If you press [ESC] button, the schedule setting condition is changed back to previously configured condition and it exits from schedule setting mode.

Schedule reservation

1 Press [⏱] button shortly to enter 'schedule' setting mode.
Day of the week will blink.

2 Select desired schedule day by pressing the [<][>] button.

3 After selecting the desired day, press the [OK] button to enter to schedule time setting mode.

4 Select desired schedule number to set by pressing [∧][∨] button.

5 Enter ON/OFF setting mode by pressing the $\boxed{>}$ button. ON or OFF icon in the window will blink.

6 Select ON/OFF condition of schedule by pressing $\boxed{\wedge}\boxed{\vee}$ button.

7 Enter AM/PM setting mode by pressing the $\boxed{>}$ button. AM or PM icon in window will blink.

8 Select the AM/PM by pressing the $\boxed{\wedge}\boxed{\vee}$ button.

9 Enter 'hour' setting mode by pressing the $\boxed{>}$ button. The hour icon in window will blink.

ENGLISH

10 Select desired hour by pressing the ⌃⌄ button.

1~12 (1 Hour interval)

11 Enter 'minute' setting mode by pressing the ⌐>⌐ button. The minute in window will blink.

12 Select desired minute by pressing the ⌃⌄ button.

00~50 (10 Minutes interval)

13 Select operation mode by pressing the OPER MODE button. (Air-conditioner and Eco-V DX only)

Air-conditioner : Cooling → Heating → Auto → Dehumidification → Fan

Eco-V DX : Cooling → Heating → Auto → OFF

ENGLISH

14 Select operation mode by pressing the [※] button. (Ventilator and Eco-V DX only)

Ventilation unit / Eco-V DX : Heat exchange →Normal → Automatic

15 Enter desired temperature setting mode by pressing the [>] button. The desired temperature in window will blink. (This function is possible ON schedule only.)

16 Select desired temperature by pressing the [∧][∨] button.

- In case of °C : 18°C ~30°C (1°C interval)
- In case of °F : 64°F ~86°F (2°F interval)

17 Apply desired schedule reservation by pressing the [OK] button.
It indicates set schedule of corresponding by displaying the border like [MON].

NOTE

• After pressing [OK] button, the schedule display is updated. While updating, the schedule icon blinks.

Group Schedule setting

- While selecting group control mode,

- If you set up the schedule in this condition, all indoor units of corresponding group will set the schedule simultaneously.

ⓘ NOTE

- To cancel schedule reservation during setting, press [ESC] button.
  at that time, current time will be back to previously configured schedule condition and it exits from schedule setting mode.

ENGLISH

Schedule display

By setting schedule day, it indicates schedule overview of the day and executed next schedule time as same as following figure.

SUN [MON] TUE WED THU FRI SAT
0 · 2 · 4 · 6 · 8 · 10 · 12 · 14 · 16 · 18 · 20 · 22 · 24

SCHEDULE ❄
1 [ON] AM 9:30

<Schedule overview of the day>   <Schedule details of executed next schedule>

Schedule Priority

If two more schedules are setup at the same time, it operates higher priority schedule. Lower number schedule has higher priority.

SCHEDULE ❄
1 [OFF] AM 11:00

SCHEDULE ❄
2 [ON] AM 11:00

> **Ex**) In case of the same schedule time of schedule 1 and 2, as the schedule time of schedule 1 has higher priority than schedule 2, corresponding indoor unit will stop the operation at AM 11:00.

Schedule caution

During executing schedule(s), Indoor units doesn't take any other command for several minutes (Remote controller and AC Ez may not operate normally during this period.)

During the Blackout

1 If a blackout lasts longer than 2 hours, the already set schedule will not be executed after the blackout. (The current time must be set again.)

2 During the blackout, the set schedule will not be executed.

Flow chart of schedule deletion

• Individual schedule deletion

Press [🕐] button shortly.

⬇ Entry to schedule setting mode.

| Select day of week | [<] [>] : Select the day of week to delete the schedule.

⬇ Press [OK] button

| Schedule number selection | [∧] [∨] : select schedule number to delete schedule (1~8)

⬇ Press [ESC] button for 5 seconds.

| Corresponding individual schedule deletion |

• Day schedule deletion

Press [🕐] button shortly.

⬇ Entry to schedule setting mode.

| Select day of week | [<] [>] : Select the day of week to delete the schedule.

⬇ Press [ESC] button for 5 seconds.

| Corresponding day schedule deletion |

ⓘ NOTE

• If you press [ESC] button, it exits from schedule setting mode.

Programming : Deletion schedule(Individual schedule)
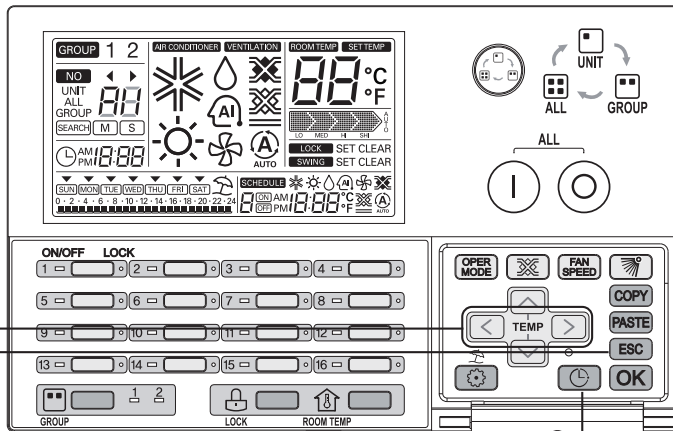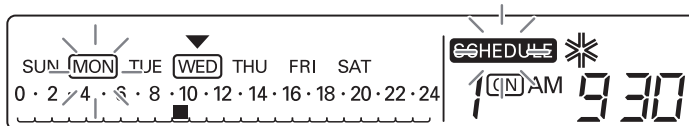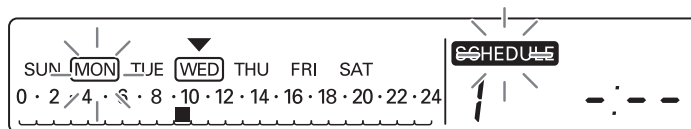
To delete only one schedule of one indoor unit

1 Press ⏰ button shortly to enter 'schedule' setting mode. The day of week will blink.

2 Select desired day of schedule deletion by pressing the ◁ ▷ button.
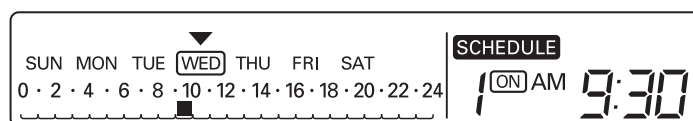

3 If desired day of week is selected, press the OK button to move to schedule setting mode.

4 Select desired schedule number to delete by pressing ⌃⌄ button.

5 If desired day of schedule deletion is selected, press the [ESC] button for 5 seconds to delete schedule of desired day.
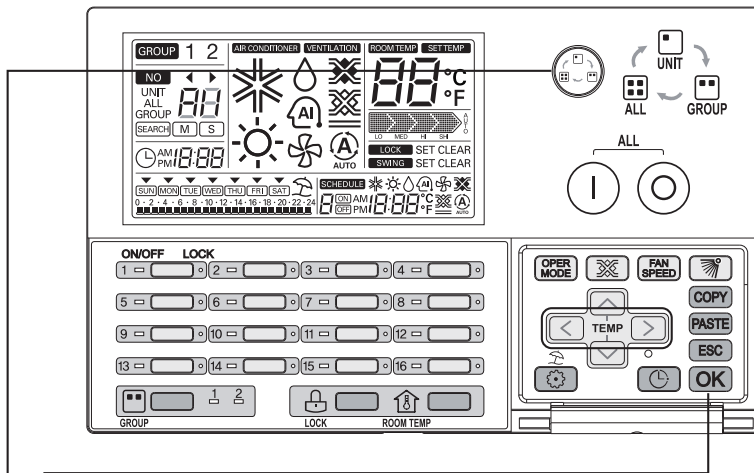

Corresponding schedule is deleted and it exits from schedule setting mode.

Programming : Deletion individual schedule(Group Schedule)
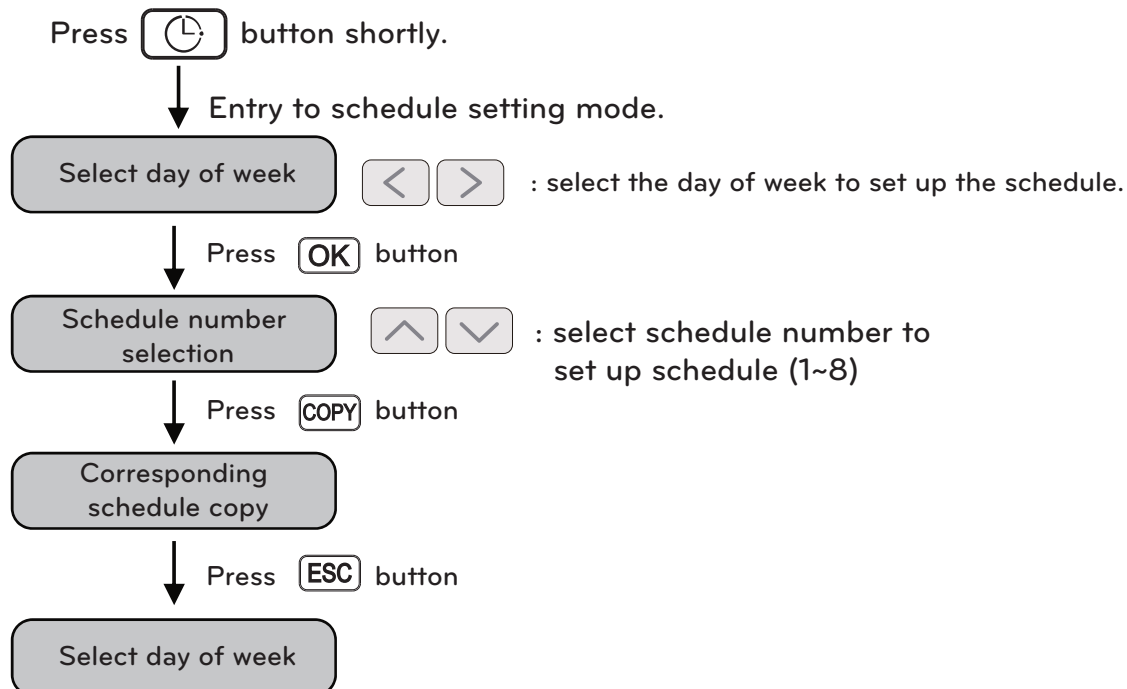
To delete only one schedule of one indoor unit

1 Press ⬚ button to select 'group' setting mode.

2 If you delete the schedule in this condition, all units of corresponding group is deleted the schedule of corresponding number.

! NOTE

• If you press [ESC] button shortly, it exits from schedule setting mode.

Programming : Deletion schedule(Day schedule)

This is function that uses to delete one day schedule of one indoor unit.

1 Press ⏲ button shortly to enter 'schedule' setting mode. The day of week will blink.

2 Select desired day of schedule deletion by pressing the < > button.

3 If desired day of schedule deletion is selected, press the [ESC] button for 5 seconds to delete schedule of desired day.

The schedule of the day is deleted, it exits from schedule setting mode.

It indicates that it didn't have schedule of the day by disappearing the border of corresponding day in LCD.

Programming : Deletion day schedule(Group schedule)

1   Press ⊙ button to select 'group' setting mode.

2   If you delete the schedule in this condition, corresponding group units will be deleted the schedule of corresponding day.
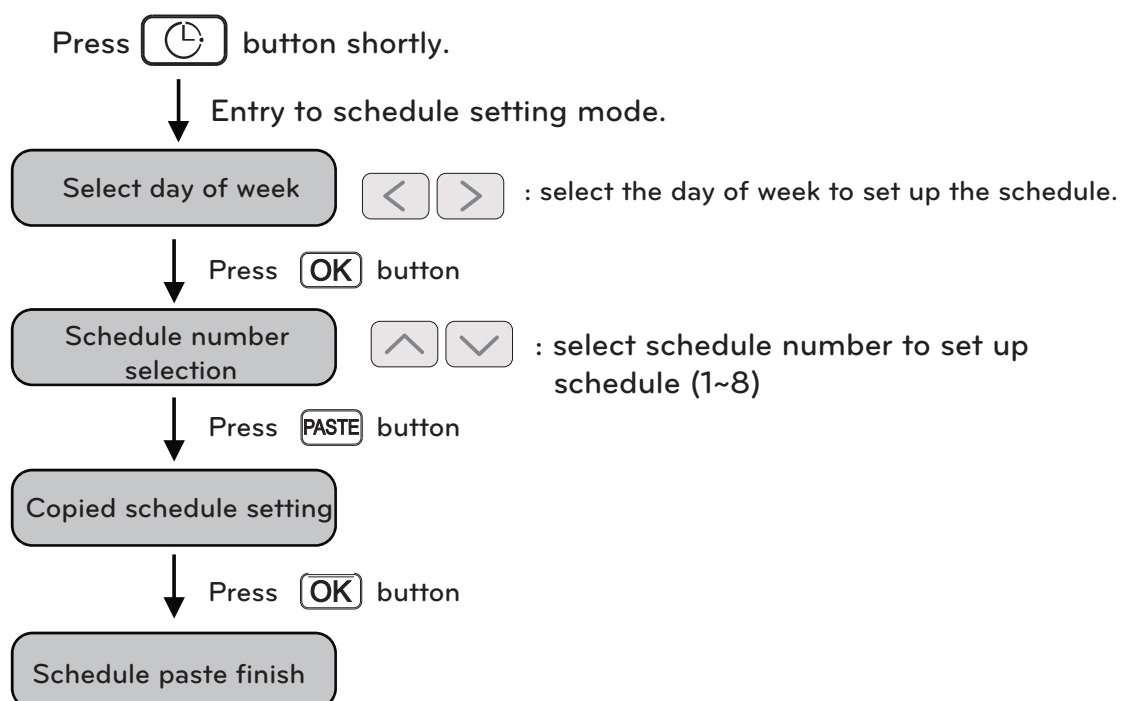

ⓘ **NOTE**

• If you press [ESC] button, it exits from schedule setting mode.

ENGLISH

Flow chart for individual schedule copy

• Schedule copy

Press [🕐] button shortly.

↓ Entry to schedule setting mode.

Select day of week   [<] [>]   : select the day of week to set up the schedule.

↓ Press [OK] button

Schedule number selection   [∧] [∨]   : select schedule number to set up schedule (1~8)

↓ Press [COPY] button

Corresponding schedule copy

↓ Press [ESC] button

Select day of week

• Schedule paste

Press [🕐] button shortly.

↓ Entry to schedule setting mode.

Select day of week   [<] [>]   : select the day of week to set up the schedule.

↓ Press [OK] button

Schedule number selection   [∧] [∨]   : select schedule number to set up schedule (1~8)

↓ Press [PASTE] button

Copied schedule setting

↓ Press [OK] button

Schedule paste finish

🛈 NOTE

• If you press [ESC] button, it exits from schedule setting mode.

ENGLISH

Programming : schedule copy(Individual schedule)

To apply a schedule to other days.
(Example. To make the second schedule of Friday be same with the second schedule of Monday, use individual schedule copy/paste function)

• **Schedule copy**

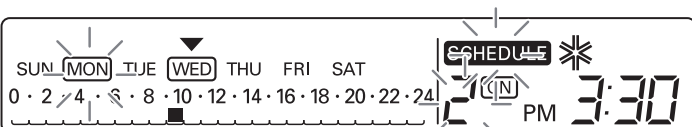1 Press ⏱ button shortly to enter 'schedule' setting mode. The day of week will blink.

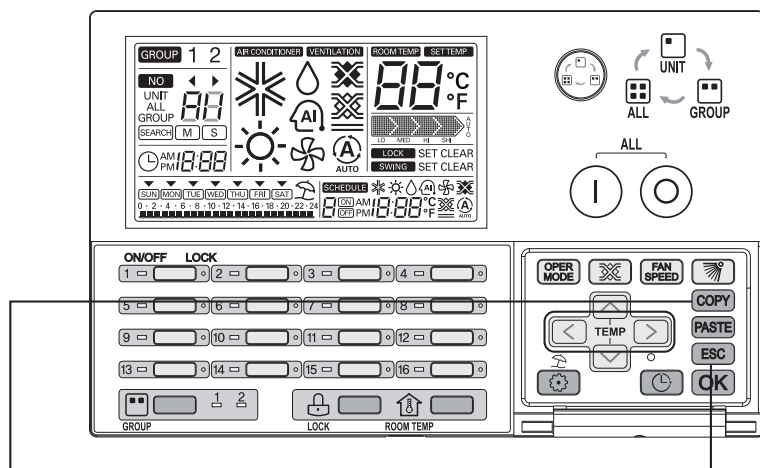2 Select desired day of schedule to copy by pressing the ⟨ ⟩ button.

3 If desired day of the week is selected, press the OK button to enter to schedule time setting mode.

4 Select desired schedule number to set by pressing ⌃ ⌄ button.

5   If desired day of schedule to copy is selected, press the [COPY] button to copy schedule of desired day.

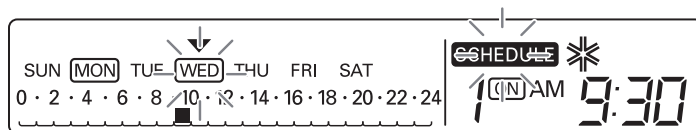6   Exit the schedule setting mode by pressing [ESC] button.

ⓘ NOTE

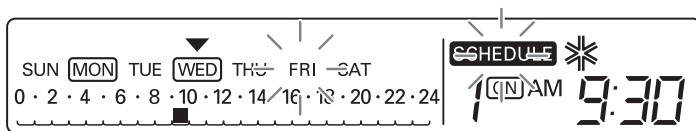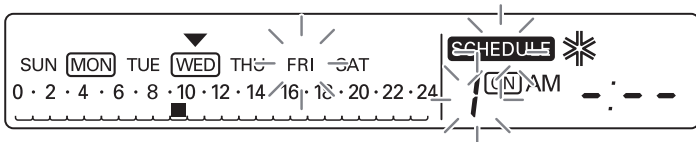• If you press [ESC] button, it exits from schedule setting mode.

• **Schedule paste**

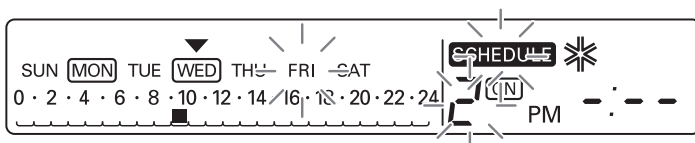1 Press [⏱] button shortly to enter 'schedule' setting mode. The day of week will blink.

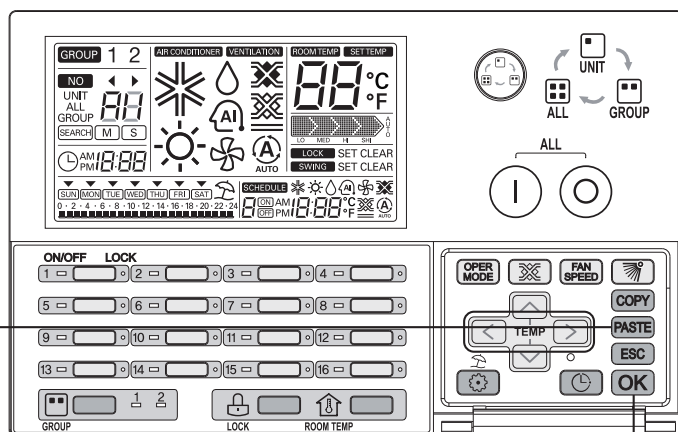2 Select desired day of schedule to paste by pressing the [<] [>] button.

3 If desired day of the week is selected, press the [OK] button to enter to schedule time setting mode.
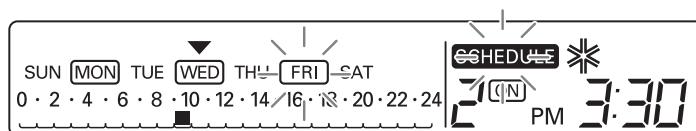

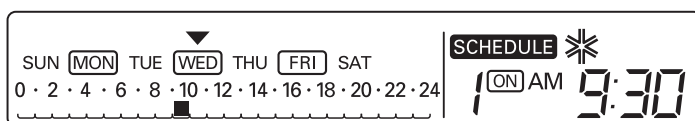4 Select desired schedule number to set by pressing [∧][∨] button.

ENGLISH

5 If desired number of schedule day to paste is selected, press the [PASTE] button to paste the schedule number of desired day.

6 Apply pasted schedule by pressing the [OK] button.
It indicates set schedule of corresponding by displaying the border like [FRI].

Group individual schedule paste

- While setting schedule copy,
  Before pasting copied individual schedule, If you select the group control mode, all indoor units of corresponding group will set the copied individual schedule simultaneously.

NOTE

• If you press [ESC] button, it exits from schedule setting mode.

ENGLISH

Flow chart for day schedule copy

• Day schedule copy

Press [🕐] button shortly.

Entry to schedule setting mode.

```
┌─────────────────────┐
│  Select day of week │   [ < ] [ > ]   : select the day of week to set up
└─────────────────────┘                   the schedule.
```

Press [COPY] button

```
┌─────────────────────┐
│    Corresponding    │
│    schedule copy    │
└─────────────────────┘
```

```
┌─────────────────────┐
│  Select day of week │   [ < ] [ > ]   : select the day of week to set up
└─────────────────────┘                   the schedule.
```

Press [PASTE] button

```
┌─────────────────────┐
│   Copied schedule   │
│      setting        │
└─────────────────────┘
```

Press [OK] button

```
┌─────────────────────┐
│ Schedule paste finish│
└─────────────────────┘
```
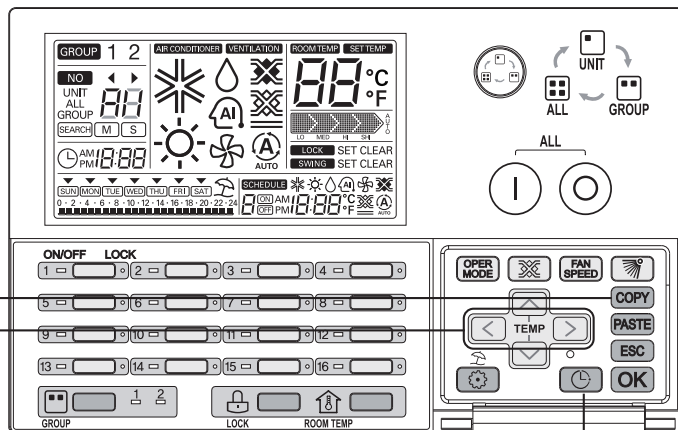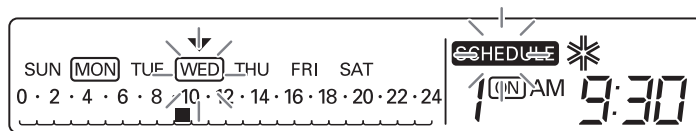
! NOTE

• If you press [ESC] button, it exits from schedule setting mode.
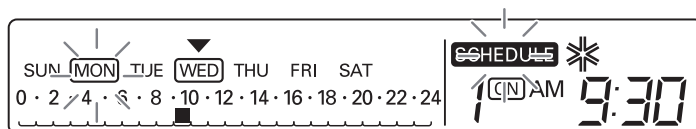
Programming : Schdule copy(day schedule)

To apply a schedule to other days (Example. To make the schedule of Friday be same with the schedule of Monday, use schedule copy/paste function.)
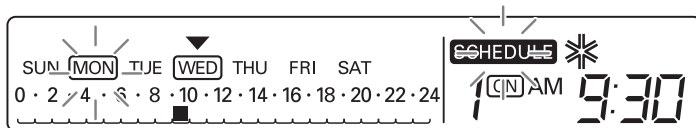

1 Press [⏲] button shortly to enter 'schedule' setting mode. The day of week will blink.
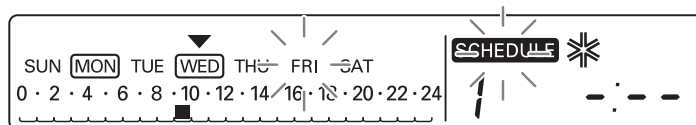

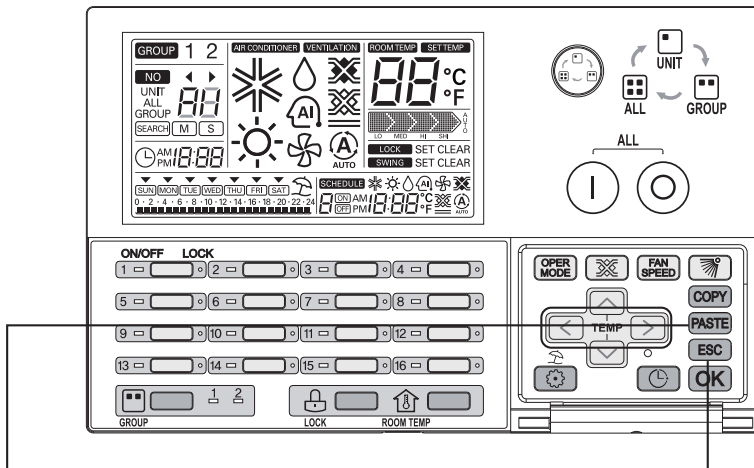2 Select desired day of schedule to copy by pressing the [<][>] button.

3 If desired day of schedule to copy is selected, press the [COPY] button to copy schedule of desired day.
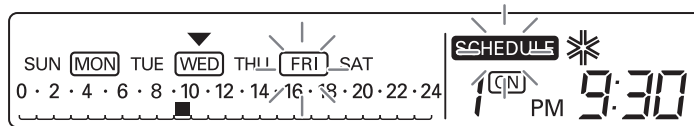

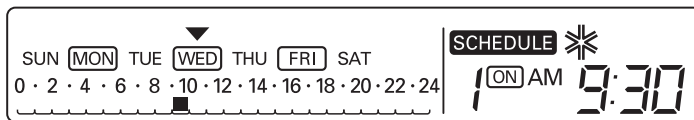4 Select desired day of schedule to paste by pressing the [<][>] button.

ENGLISH

5 If desired day of schedule to paste is selected, press the PASTE button to paste
   copied schedule.

6 Apply pasted schedule by pressing the OK button.
   It indicates set schedule of corresponding by displaying the border like FRI.

Group day schedule paste

- While setting schedule copy,
  Before pasting copied day schedule, If you select the group control mode, all indoor units
  of corresponding group will set the copied day schedule simultaneously.

🛈 NOTE

• If you press ESC button, it exits from schedule setting mode.

ENGLISH

Flow chart for holiday setting

• Holiday setting

Press 🕐 button shortly.

⬇ Entry to schedule setting mode.

| Select day of week |

< > : select the day of week to set up the schedule.

⬇ Press 🏖 button

| Holiday setting |

∧ ∨ : It is changed holiday set/clear condition by pressing 🏖 button.
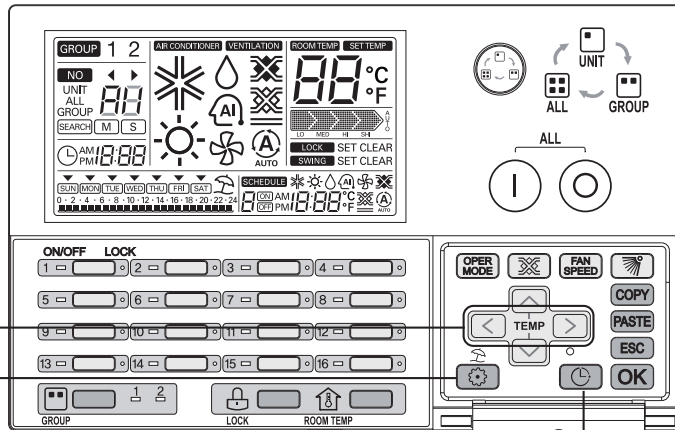
⬇ Press OK button
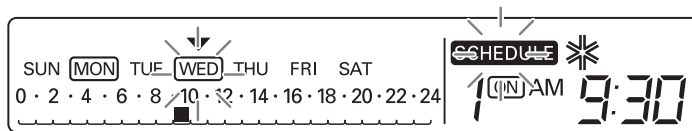
| Holiday setting finish |

ⓘ NOTE

• If you press ESC button, it exits from schedule setting mode.
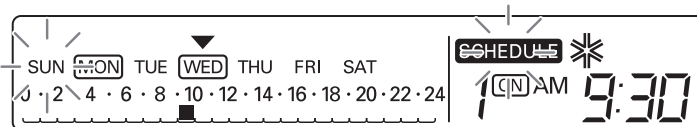
Programming : Holiday reservation

This function is to prevent from keeping air conditioners turned on 'holiday or Off day'.
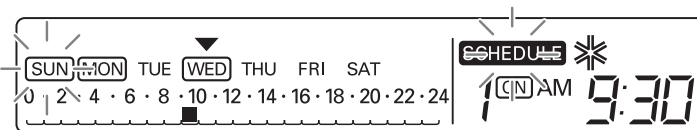Icon is displayed at the day programmed as 'Holiday'.

1 Press 🕐 button shortly to enter 'schedule' setting mode. The day of week will blink.
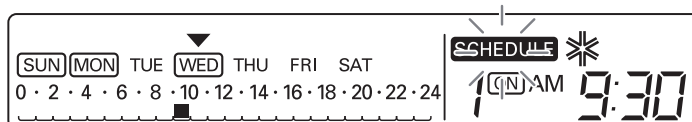

2 Select desired day to set holiday by pressing the ＜ ＞ button.

3 If desired day to set holiday is selected, press the ⚙ button to set holiday schedule.
   (Set ↔ Clear)
   When setting up the holiday schedule, it is displayed ⛱ icon in LCD.

4 Apply holiday schedule by pressing the OK button.
   It indicates set schedule of corresponding by displaying the border like SUN .
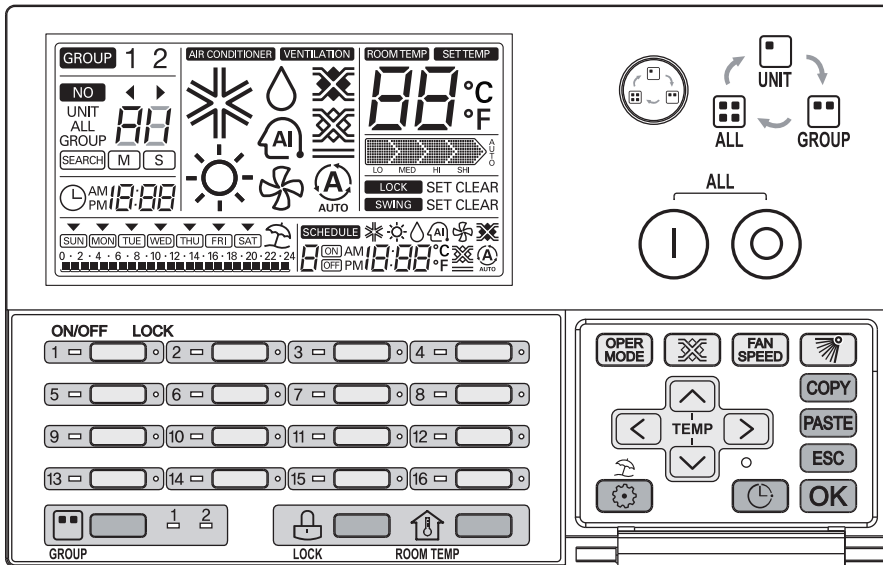

• When set schedule day, it indicates ⛱ icon and is executed off schedule every hour.

Group holiday setting

- While setting holiday setting,
  If you select the group control mode, all indoor units of corresponding group will set the
  holiday schedule simultaneously.

ENGLISH

Self-diagnosis of indoor unit

This function is to display when check code is received from corresponding unit.

1 If corresponding indoor has some failure status, it indicates RED LED of individual on/off LED.

2 A " CH" or "xx" (number) is repeatedly displayed on the LCD to represent failure status code.

3 When failure code is displayed on the LCD, please contact with the service center or installers.

EX) In case of failure status code 3 : CH 3