



# **Hisense**

## **USE AND INSTALLATION INSTRUCTIONS**

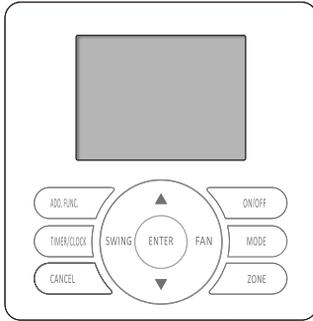
Thank you very much for purchasing this Air Conditioner. Please read this **use and installation instructions** carefully before installing and using this appliance. And keep this manual for future reference.

Welcome to use our product!

Thanks for trusting us.

Please read this manual carefully before installation!

Keep it properly for future use after installation!



## APPLICATION MODEL

YJE-C01T(E)

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# Safety Precautions

## 1. Important notice

- We pursue a policy of continuing improvement in design and performance of products. The right is therefore reserved to vary specifications without notice.
- We cannot anticipate every possible circumstance that might involve a potential hazard.
- No part of this manual can be reproduced without written permission.
- Signal words (DANGER, WARNING and CAUTION) are used to identify levels of hazard seriousness. Definitions for identifying hazard levels are provided below with their respective signal words.



: Immediate hazards which WILL result in severe personal injury or death.



: Hazards or unsafe practices which COULD result in severe personal injury or death.



: Hazards or unsafe practices which COULD result in minor personal injury or product or property damage.

## NOTE

: Useful information for operation and/or maintenance.

- Installation and maintenance should be left to dealer or another professional.
- If you have any questions, contact your distributor or dealer .
- This manual should be considered as a permanent part of the air conditioning equipment and should remain with the air conditioning equipment.

## 2. Checking product

- Upon receiving this product, inspect it for any shipping damage .  
Claims for damage, either apparent or concealed, should be filed immediately with the shipping company.
- Check accessories are all included with the unit according to the accessories list.
- Check the model number, electrical characteristics (power supply , voltage and frequency) and accessories to determine if they are correct.  
The standard utilization of the unit shall be explained in this manual.  
Therefore, the utilization of the unit other than those indicated in this manual is not recommended.
- Follow local codes and regulations when installing it.
- Please contact your local agent, as the occasion arises.  
Our company disclaim all responsibility for changing the equipment without our company's written consent.

# Safety Precautions

## 3. Safety summary

### **DANGER**

- Installation should be left to the dealer or another professional person.  
Improper installation may cause water leakage, electrical shock, or fire..
- Perform the installation correctly referring to the installation manual.  
Incorrect installation could cause a personal injury due to fire, electric shock.
- Do not splash water on the appliance and do not touch it with wet hand .  
These products are equipped with electrical components , splashing water could cause serious electric shock or short-circuit.
- Must not touch or regulate safety device in the appliance. Otherwise serious accident may occur.
- Please be sure to cut off the main power supply before opening the panel to repair.
- Please use specify specifications cable. Firmly connected to the connection part of wire terminals , and avoid being shell. Do not apply wire stress to these parts. Otherwise it will cause fever or fire, etc.
- Install the appliance on the base that can support its weight. Otherwise it may cause injury in the event the appliance falls off the base.
- Connect with the electric supply after installation and check electric leakage.

### **WARNING**

- Avoid the following places for installation where appliance trouble is liable to occur.
  - Places with an oily or or acidic, alkaline ambient.
  - Places where sulfide gas occurs such as hot springs.
  - Places with a flammable gas.
  - Salty places such as seaside .
  - Places with high temperature or flames, may lead to heat or fire.
  - Where there is high-frequency or wireless equipment. It will cause interference .
- Moisture or water flooding place. Once the water enters the inside of the remote control, electric shock or electronic parts failure may occur.
- Do not install the appliance or connect the wires before reading the manual.
- Prohibit within the scope of 1 meter of the appliance using spray, such as pesticides, paint, hair gel or other toxic gases.
- If the ELB(Electric Leakage Break) or fuse trouble is liable to occur, please consult local service shop.
- Installation and wiring work should be performed according to the manual.  
Otherwise electric shock or fire may occur.
- Do not ride or place the object that with no relation with the appliance on the unit.
- Protect the wires, electrical parts, etc. from rats or other small animals. If not protected, rats may gnaw at unprotected parts and at the worst, a fire will occur.
- Firmly connect wires. Excessive force may cause fire.
- If the electric box or fuse break is liable to occur, please consult local service shop.

### **CAUTION**

- Install indoor unit, outdoor unit ,wire remote controller or cables at least 3 meters away from high-frequency source (such as medical appliance) .
- Do not trample products or place anything on it.
- Choose a place as described below to install wire remote controller in order to let TEM. sensor work normally.
  - A. A place where average temperature in the room can be detected.
  - B. A place where is not exposed to direct sunlight.
  - C. Avoid extremely hot or cold locations.
- Do not play with the wire remote controller.

# System Introduction

The central controller is an optional control component for users to monitor and control operation of air conditioner in a centralized way.

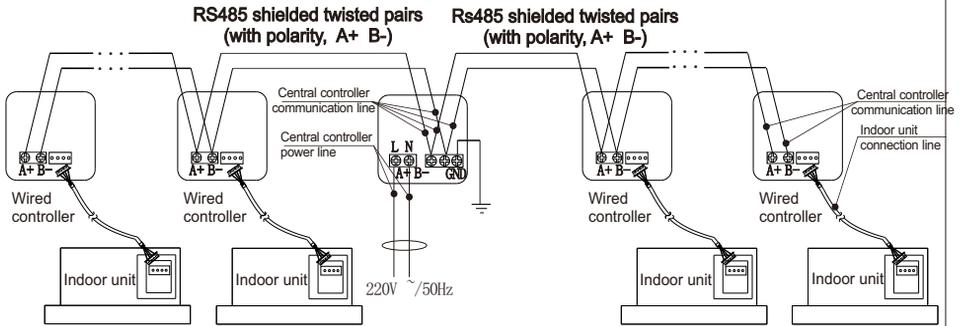
The central controller can be used for unified management of the air conditioners in the group/zone, querying and displaying on LCD the state of the main functions of the air conditioner, weekly timer/simple timer setting or querying by keypad entry or setting of main functions of air conditioner.

Communicate with the indoor unit in the central control network

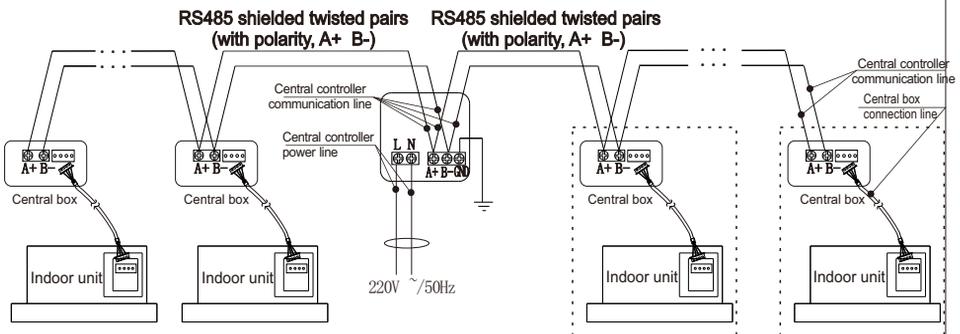
It can communicate with the wired controller/indoor unit through RS485 communication bus (shielded twisted pairs with polarity (A+ B-)). The indoor unit can be controlled centrally or locally by using the wired controller, or centrally controlled by using converter (to be purchased by users separately).

## Control Diagram

### 1. Centrally or locally controlling the air conditioner using wired controller



### 2. Centrally controlling the air conditioner using converter board

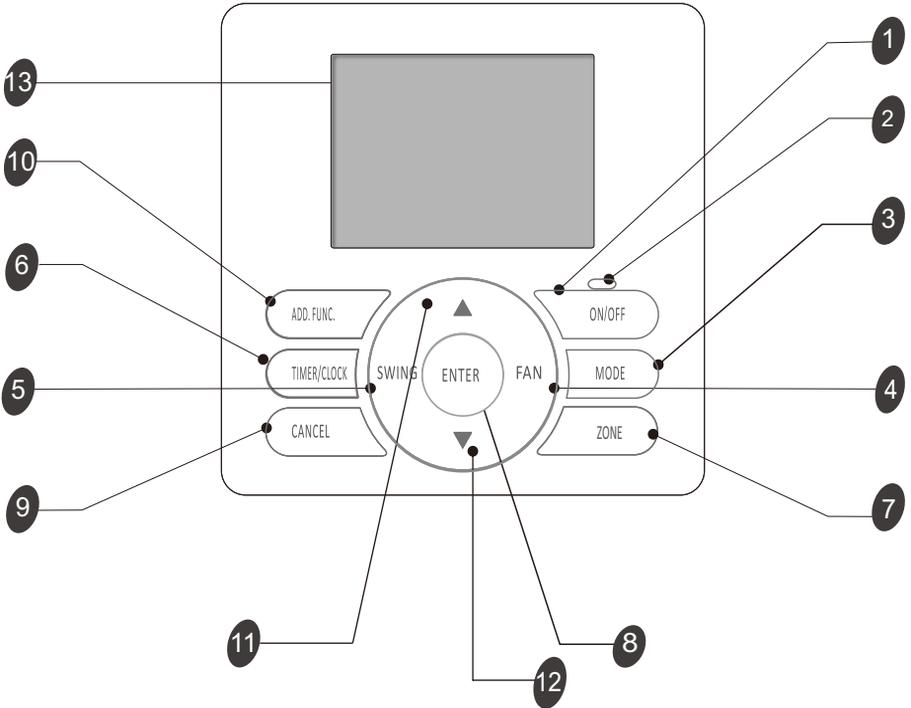


#### Notes:

1. The central box needs to be purchased by users separately.
2. The wired controller/central box on either end of the central control system must be provided with terminal-matched resistor. See the installation instructions for the wired controller/central box for more details.

# Central Controller Introduction(Part Name)

## Introduction to Parts of Central Controller



# Central Controller Introduction(Part Name)

## 1 ON/OFF BUTTON

The appliance will be started when you press this button and be stopped when you press this button again.

## 2 RUN INDICATOR

Indicates that the appliance is on.

## 3 MODE BUTTON

Press this button to select the operation mode.

## 4 FAN BUTTON

Used to select desired fan speed in sequence low-medium-high-auto-low.

## 5 SWING BUTTON (invalid for models without louver)

Used to stop or start adjustment louver swinging and set the desired airflow direction.

## 6 TIMER/CLOCK BUTTON

Used to set timer on/off and clock time.

## 7 ZONE BUTTON

Used to set the group/zone.

## 8 ENTER BUTTON

Used to confirm settings.

## 9 CANCEL BUTTON

Used to cancel settings.

## 10 ADD.FUNC. BUTTON(Only valid for models with addition function module)

Used to set functions of air purge, hot water, ventilation (fresh air), and electric heater.

## 11 INCREASE SETTING BUTTON

Used to raise the set temperature.Settings can be raised in a setting state.

## 12 DECREASE SETTING BUTTON

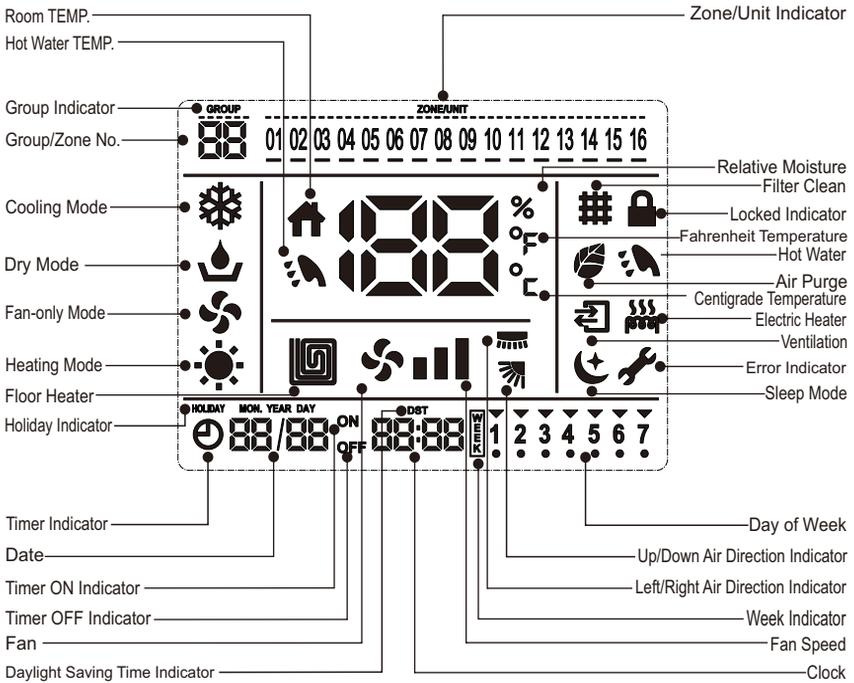
Used to lower the set temperature;Settings can be lowered in a setting state.

## 13 LIQUID CRYSTAL DISPLAY (LCD) SCREEN

Used to display the icons of set functions.

# Central Controller Introduction(Part Name)

## LCD Screen



### Notes:

1. Heating and electric heating functions are not available for cooling only models.
2. Air direction, filter clean, hot water, floor heater, ventilation (fresh air), air purge, and electric heating functions are only effective for dedicated models, please refer to the operation manual of specific model for details.
3. Error and maintenance, address setting, and zone setting functions should be set by the professional for installation and maintenance.

# Central Control

## Operation Modes of Central Controller

### 1. Group Control Mode (for the control of all conditioners in the central control network)

To control the air conditioners in the group in a unified manner.

### 2. Zone Control Mode

To control the air conditioners in the zone in a unified manner.

Before central control, group/zone settings must be carried out.

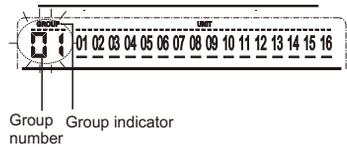
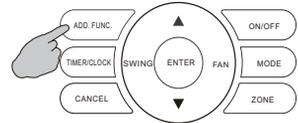
#### ◆ Group setting

If the centralized controller at the next higher level is used, group setting needs to be carried out. The group number is only effective for the centralized controller.

All conditioners in the central control network can be classified into a range of group 1 to group 16.

Setting method:

Hold down "ADD. FUNC." Button under shutdown state for 3 seconds to enter into group setting, and "GROUP" indicator and group number blink. Press "▲" or "▼" to select the group number. Press "ENTER" button to confirm the set group number, press "CANCEL" button to cancel.



#### ◆ Zone setting

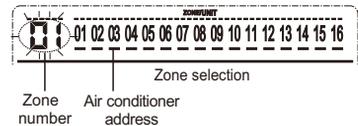
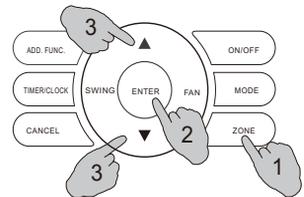
In a central control network, a maximum of 16 zones can be set. The same unit can be classified into different zones. A maximum of 16 air conditioners can be set in one zone.

1. Hold down "ZONE" button for 3 seconds to enter into zone setting, and the zone number blinks. Press "▲" or "▼" to select the zone number. Press "ENTER" button to enter into setting of this zone.

2. Press "▲" or "▼" to select the air conditioner address numbers from 1 to 16, and the number blinks. Press "ENTER" button to confirm the selected number which is underlined.

3. Press "ZONE" button to enter into setting of the next zone. A maximum of 16 zones can be set.

4. Press "ZONE" button again to exit the zone setting.



# Central Control

## ◆ Group control (full control)

1. After entering the group control mode, you can perform as follows:

Press "ZONE" button repeatedly until the group number and addresses of all air conditioners in the group are displayed on the central controller.

As shown in the right figure, the group number is 1, and there are 16 air conditioners in this group.

2. Unified function setting can be performed by other buttons (for detail description, please refer to instructions for specific operation procedure).



Full unified control

## ◆ Sub-zone control

1. After entering the sub-zone control mode, you can perform as follows:

Press "ZONE" button repeatedly until the number of the zone to be controlled and addresses of all air conditioners in the zone are displayed.

As shown in the right figure, the zone number is 1, and there are No.1, 2, and 3 air conditioners in this zone.

2. Function setting can be performed by other buttons (for detail description, please refer to instructions for specific operation procedure).

### Special notes:

1. If no zone is set, only the group number will be displayed.
2. In the zone control mode, you can press "CANCEL" button to enter the group control mode.



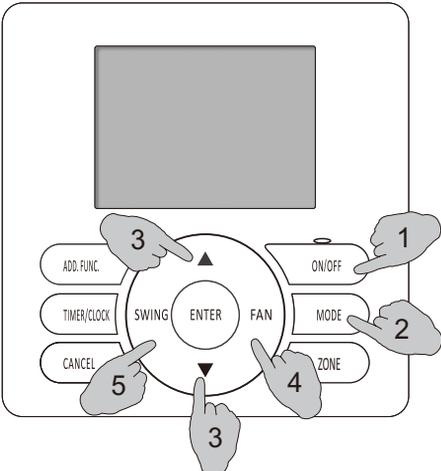
Sub-zone control

## ◆ Monitoring

After the central controller is started, the LCD on the central controller displays the operating state of the air conditioners in the network in turn if no other operation is carried out.

# Simple Operation

This central controller is used for unified cooling, heating, drying and air supply, etc. of the air-conditioners in the group/zone. For other functions and settings, please refer to the details on the setting of functions in this manual.



## 1. Turning ON/OFF

**To start operation**  
When pressing the ON/OFF button in off state, the ON indicator lights up and the starting command will be sent to air conditioners in the group/zone.

**To stop operation**  
When pressing the ON/OFF button in on state, the ON indicator turns off and the shutdown command will be sent to air conditioner in the group/zone. At this time, the set weekly timer ON (if any) will take effect.

**To completely shut down**  
Hold down "ON/OFF" button for more than 3 seconds, the central controller will enter completely shutdown state (at this moment, the timer ON is disabled and the appliance only can be started manually), the ON indicator turns off, and shutdown command will be sent to air conditioners in the group/zone.

- 1. The ON/OFF button of central controller is only used to change the ON/OFF state of the air conditioners in the group/zone without affecting the other settings.
- 2. When the wired controller (if any) for the group/zone receives the shutdown command from the central controller, the appliance will enter completely shutdown state.

## 2. Mode setting

Press "MODE" button to select the desired operation mode in ON state, or OFF state with timer set. Once the MODE button is pressed, the operation mode is changed in sequence:



## 3. Temperature setting

Press "▲" or "▼" button to set desired temperature in ON state, or in OFF state with timer set. Then the temperature setting will blink on the LCD, indicating entering setting mode. Each time "▲" button is pressed, temperature setting rises by 1C. Each time "▼" button is pressed, temperature setting lowers by 1C. Setting temperature is finished 3 seconds after setting temperature value blinking.



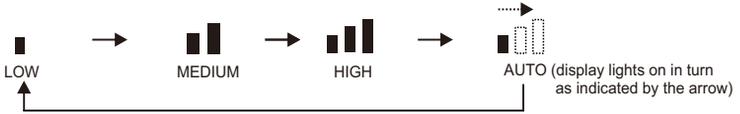
Range of temperature setting	
*Cooling, heating, drying	16°C ~ 30°C / 18°C ~ 32°C
Fan only	Unable to be set

\*: Note: Heating mode is unavailable for COOLING ONLY models.

# Simple Operation

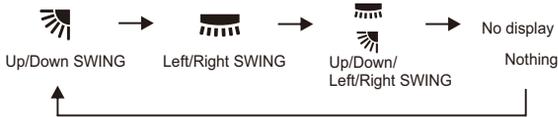
## 4. Fan speed setting

Press "SPEED" button to select fan speed in ON state, or in OFF state with timer set. Each time "SPEED" button is pressed, the fan speed changes in the following sequence:



## 5. SWING setting

Press "SWING" button to select SWING in ON state, or in OFF state with timer set. Each time "SWING" button is pressed, the SWING changes in the following sequence.



- 1. This setting is only effective for units with this swing function.
- 2.   is only available for specific models.
- 3. At "DRY" mode, the fan speed is set at "AUTO" automatically and "FAN" button is ineffective in this case.

# Function Set

## Clock

First time using and clock loss caused by unused for a long time, setting clock of central controller is needed at first.

How to set:

- 1 Indicators of date and day of week all blinks after turning on.
- 2 Press “▲” and “▼” to set the current date, day of week, hour, minute in sequence. Press “ENTER” to confirm.

### Clock Correction

Hold down “TIMER/CLOCK” button for 3 seconds under complete shutoff state to enter clock correct setting.

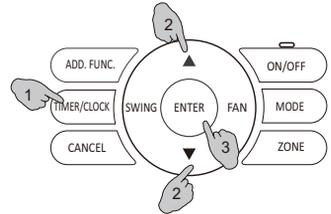
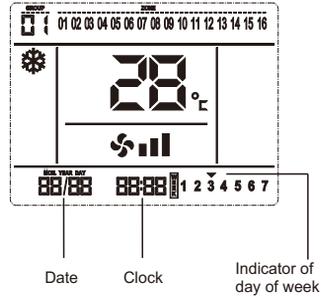
The settings of clock can be adjusted in the following sequence and the same method as clock setting.



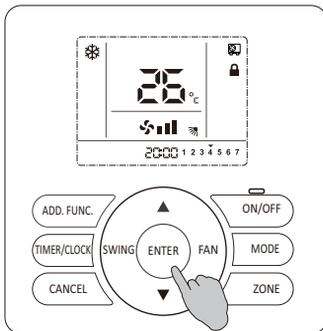
After the adjustment is completed, press “ENTER” button to confirm the setting.

After the clock has been set, the central controller will display the current clock.

1. Clock correction should be set under complete shutoff state.
2. If there are two central controllers in the system, only the clock set on the main central controller is effective.
3. Complete shutoff: When turning on, hold down “ON/OFF” button for 3 seconds will enter complete shutoff state.  
Temporary shutoff: When turning on, press “ON/OFF” button will turn to temporary shutoff state.  
Shutoff state in this manual all means temporary shutoff.



## Button Locked



### Button Locked

After central controller setting is finished, you can set button locked function to avoid children or other people's wrong operation.

All operations are invalid after button locked function has been set. After locking, the central controller still can operate normally. And unlocking can only be performed by the central controller.

How to set:

Hold down “ENTER” button for 3 seconds, the buzzer beeps 4 times indicating the setting is successfully set and is displayed on the LCD, indicating that the wired controller is now under the button locked state.

How to cancel:

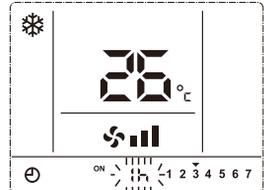
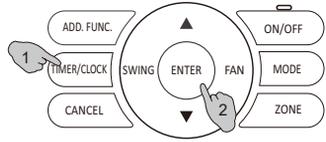
Hold down “ENTER” button for 3 seconds, the buzzer beeps 4 times indicating the setting is canceled and disappears from the LCD, indicating that the button locked function has been canceled.

# Function Set

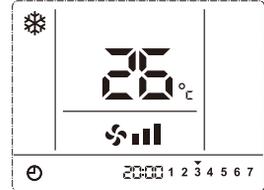
## **Simple TIMER ON** (invalid under weekly timer set)

### Operation:

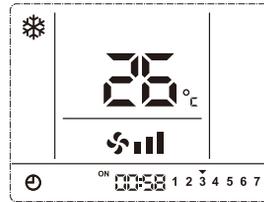
- 1 After you press TIMER/CLOCK button when the appliance is shut off,  and timer on indicator "ON" display on LCD, and timer hour setting blinks.
  - 2 Press "▲" (increase) and "▼" (decrease) button to adjust the time.  
Each time "▲" button is pressed, time setting increases by 1h.  
Each time "▼" button is pressed, time setting decreases by 1h.
- It can be set from 1h to 24h, and time setting resolution is 1 hour.
- 3 Press "ENTER" button when reaches the desired time . After operation, the display will be back to previous display before timer on set, and "Timer" indicator appears on the left corner of the screen.



Time setting of TIMER ON FUNCTION



Display of TIMER ON mode



Rest time of TIMER ON Mode

- You can press the "CANCEL" button at any time to cancel the timer on setting and exit.
- You can press the "TIMER/CLOCK" button to cancel the current setting and exit.
- Press "TIMER/CLOCK" button again after TIMER ON has been set to display the rest of the time.
- As shown in the figure, it indicates that the appliance will be started after 58 minutes.
- After the set time is reached, the air conditioners in the current group/zone will be turned on under unified control.

- 1. Simple timer on function only can be set under shutoff mode.
- 2. After time setting of TIMER ON FUNCTION, you can set/change mode, adjust temperature and fan speed, and set swing mode (if any).
- 3. After the appliance is turned on, simple timer on function will be cancelled. If you need simple timer setting effective continuously, please set weekly timer.
- 4. Simple timer on/off cannot be set simultaneously.
- 5. Simple timer on setting is only effective for the current group/zone.

# Function Set

## **Simple TIMER OFF** (invalid under weekly timer set)

Operation:

1 After you press TIMER/CLOCK button when the appliance is on,  and timer off indicator "OFF" display on LCD, and timer hour setting blinks.

2 Press "▲" (increase) and "▼" (decrease) button to adjust the time.

Each time "▲" button is pressed, time setting increases by 1h.

Each time "▼" button is pressed, time setting decreases by 1h.

It can be set from 1h to 24h, and time setting resolution is 1 hour.

3 Press "ENTER" button when reaches the desired time . After operation, the display will be back to previous display before timer off set, and "Timer" indicator appears on the left corner of the screen.

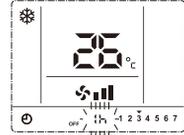
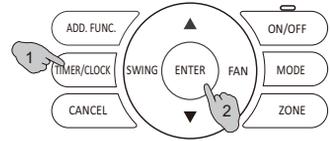
You can press the "CANCEL" button at any time to cancel the timer off setting and exit.

You can press the "TIMER/CLOCK" button to cancel the current setting and exit.

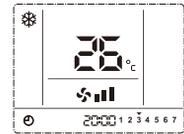
Press "TIMER/CLOCK" button again after TIMER OFF has been set to display the rest of the time.

After the set time is reached, the air conditioners in the current group/zone will be turned off under unified control.

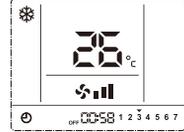
- 1. Simple timer off function only can be set in on state.
- 2. After time setting of TIMER OFF FUNCTION, you can set/change mode, adjust temperature and fan speed, and set swing mode (if any).
- 3. After the appliance is off, simple timer off function will be cancelled. If you need simple timer setting effective continuously, please set weekly timer.
- 4. Simple timer on/off cannot be set simultaneously.
- 5. Simple timer off setting is only effective for the current group/zone.



Time setting of TIMER OFF FUNCTION



Display of TIMER OFF mode



Rest time of TIMER OFF Mode

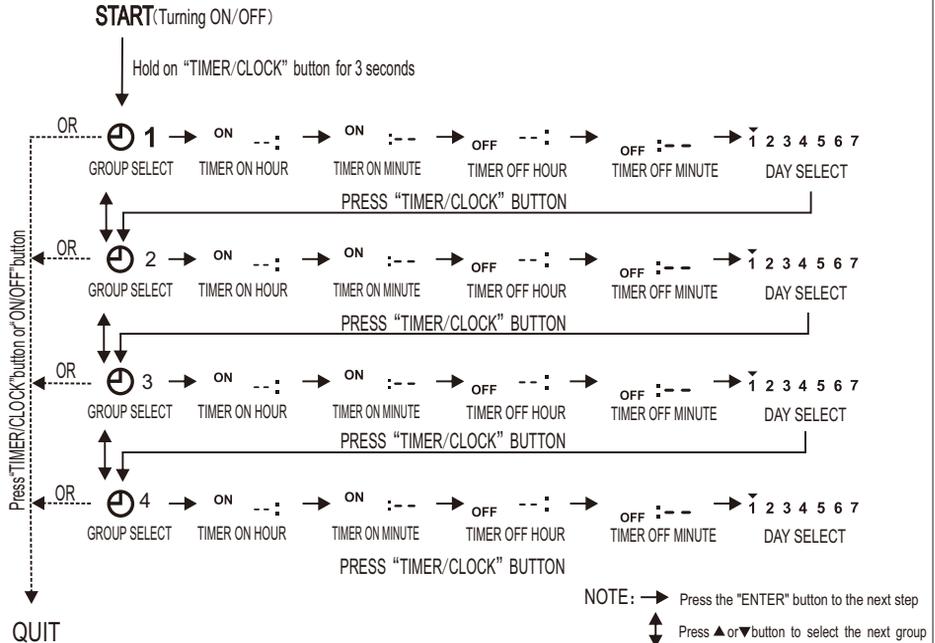
# Function Set

## Weekly Timer

Weekly timer can be used to set on/off time respectively for seven days a week. Air conditioner can be on/off in preset time every day, without manual control. The air conditioner can be on/off automatically before you wake up in the morning, back home from work or during sleep at night. Weekly timer on/off time can be set for four groups at most. The four groups can be assigned to any day regularly.

Note: Please set the clock correctly before weekly timer set.

### Operation Procedure

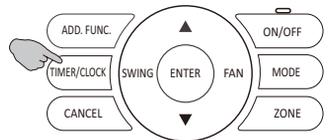


### Weekly Timer Set Procedure

#### OPERATION:

1 Hold down "TIMER/CLOCK" button for 3 seconds to enter weekly timer setting in ON/OFF state. Then appears on the LCD, and group number blinks.

Perform further settings in the following sequence:



First timer group number 1 blinks. Then press "ENTER" button to enter Timer ON setting.

# Function Set

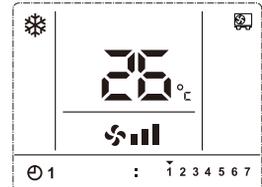
- 2 Timer on hour blinks. Then press “▲” (increase) or “▼” (decrease) button to set the desired time.  
Each time “▲” button is pressed, time increases by 1h.  
Each time “▼” button is pressed, time decreases by 1h.  
After timer ON hour has been set, press “ENTER” button to return to timer ON minute setting.  
If you don't need timer ON/OFF Setting, press the "CANCEL" button to cancel.
- 3 Timer OFF setting can be performed in the same procedure with timer ON setting.
- 4 After TIMER ON/OFF setting is completed, press “▲” (increase) or “▼”(decrease) to select desired day, press “ENTER” button to confirm it, or press “CANCEL” button to cancel. The selected day will be marked with “.”.  
For example, 1 2 3 4 5 6 7 shows 7 days of a week all selected are effective.
- 5 After the setting of seven days a week is completed, proceed to the setting for group 2, which can be performed in the same setting procedure as group 1. Four groups can be set at most.
- 6 You can quit WEEKLY TIMER setting by pressing “TIMER/CLOCK” or “ON/OFF” button in the group selection mode.

## Checking the current weekly timer setting

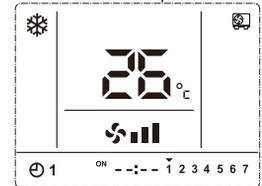
Press “TIMER/CLOCK” button to check WEEKLY TIMER setting in this mode.

Press “▲” (increase) or “▼” (decrease) button to check the previous or next set time.

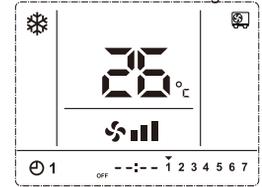
You can press “TIMER/CLOCK” button under checking state to quit checking of WEEKLY TIMER.



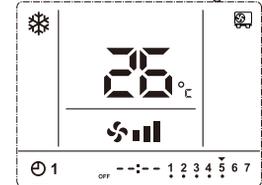
Timer Group Select



Timer ON Setting



Timer OFF Setting



Timer Day Select

- ☑ If you need to temporarily leave for a few days when weekly timer has been set, at the meanwhile timer ON/OFF is not permitted to work and continue to work after back, you can hold down “ON/OFF” button for 3 seconds to turn it off completely. At this moment, weekly timer set time can still save, but air conditioner will not run.  
Weekly timer setting resolution is 1 minute. Timer ON/OFF signal is effective within 1 minute.

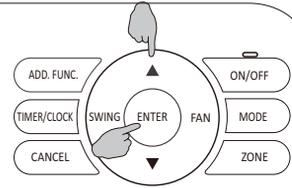
# Other Functions

## Temperature Display Setting

Default display: set temperature

If you need to display room temperature, press “▲” button and “ENTER” button simultaneously for 3 seconds. Then the buzzer beeps 4 times indicating setting has been changed. Then  appears on the LCD, indicating that the temperature shown on LCD is room temperature.

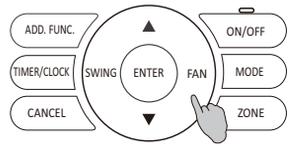
If you need to cancel setting, press “▼” button and “ENTER” button simultaneously for 3 seconds. Then  disappears on the LCD, indicating that the temperature shown on LCD is the set temperature.



## Buzzer Indicator Selection

The buzzer beeps during operation by default. If you need mute operation, hold down “FAN” button for 3 seconds, and the buzzer beeps 4 times indicating setting has been successfully changed.

If you need to return to defaulted setting, repeat steps above.

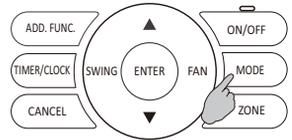


## Backlight Selection

The backlight of the screen lights up during operation by default.

If you need to turn off the backlight, hold down “MODE” button for 3 seconds and the buzzer beeps 4 times indicating setting has been successfully changed.

If you need to return to defaulted setting, repeat steps above.



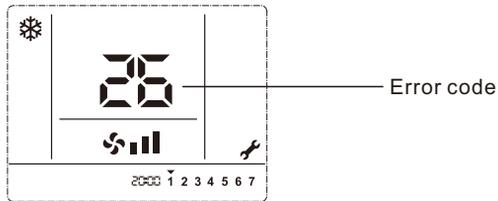
# Maintenance, Troubleshooting and After-Sales Service

## Maintenance

Wipe the LCD of central controller and body of the wired controller with a dry cloth when they become dirty.

If the dirt on the surface cannot be removed, soak the cloth in neutral detergent diluted with water, squeeze the cloth tightly, and clean the surface. Wipe the surface with a dry cloth then. Do not use any thinner, organic solvents, or strong acid.

## Troubleshooting and After-sales Service



When the air conditioner malfunctions,  will display on the LCD of wired controller, and error codes will appear, indicating that error occurs.

Please take note of the indicated error codes to contact with the After-sales Service.

● Consult the dealer for more information about the after-sales service.

# Installation Instructions

## Important Notice

Please read the Important Notice in these Installation Instructions supplied with the central controller, and perform installation in accordance with these instructions properly.

1. Complete information for the design planning, installation, commissioning, and after-sales services of the central control system must be documented and archived for future reference.

2. Design planning of the central control system should be planned in advance, including:

- (1) Composition of the central control system and quantity of controls;
- (2) Selection and installation position of wired controller, electrical distribution and wiring, assignment of addresses, and connection with controller;
- (3) Installation position of central controller, setting of primary and secondary central controllers, electrical distribution and wiring, and connection with wired controller;
- (4) Installation and wiring of the central control system, limitation on bus length, terminal-matched resistor at either end of bus, single-point grounding of the shielding layer of bus.

3. Notes:

- (1) Cables for central control and distribution lines shall not be too close to each other or routed in the same conduit. RS485 bus should be arranged as far away from interference sources as possible, especially high voltage interference sources, such as transformer and frequency converter. For other relevant precautions, see the requirements for wiring of building automation system;
  - (2) The total length of the central control bus should not be more than 1000m (at the baud rate of 9600 bps);
  - (3) The appliance on either end of the central control bus must be provided with terminal-matched resistor. See the dip switch setting instructions for central controller/wired controller/central box;
  - (4) It is recommended that single-point grounding of the shielded cable shall be arranged in the middle of communication bus and close to the central controller;
  - (5) Central control line topology should be daisy-chain bus arrangement. If star topology or tree topology is required, it is recommended that 485 concentrators and 485 repeaters be used.
4. The wiring and installation of the central control network should be performed along with the installation and commissioning of air conditioner. Test run should be performed before installation.
5. The primary and secondary controllers can be set to operate at the same time in one central control system with at least one controller as the primary central controller.

## Checking Accessories

Check and confirm that in addition to the wired controller, the following accessories are included in the packaging box:

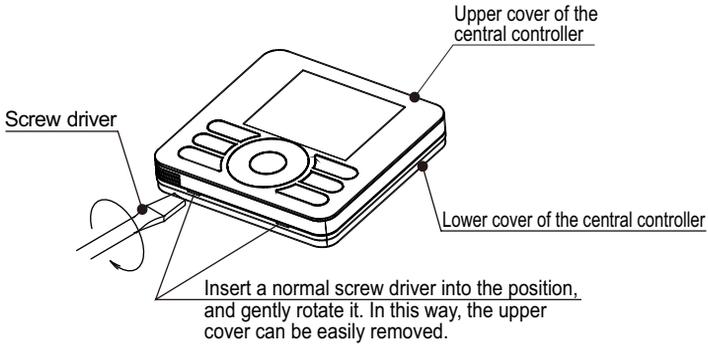
Use and installation instructions	Screw
	
Qty.: 1	Qty.: 2

## How to install

1. Selecting the location where the central controller is to be installed. Select the installation location according to the Importance Notice in the Instructions.

# Installation Instructions

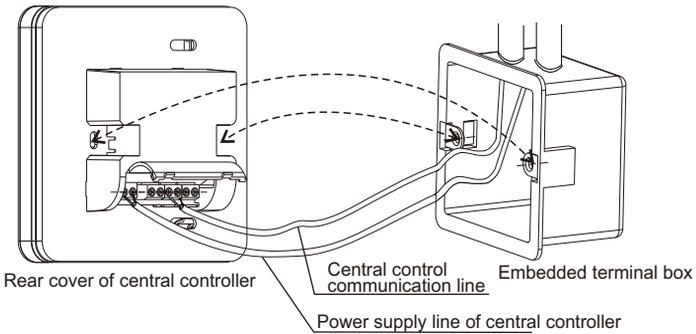
## 2. Removing the upper cover of the central controller.



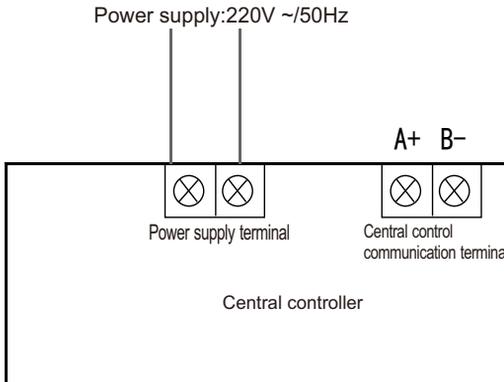
## 3. Connecting the central controller

### ① Leading-out line

Pull the power supply line of the central controller and central control communication line out of the embedded terminal box (to be provided by users) for connecting them to the terminal block on the rear cover of the central controller, as shown in the figure below:



### ② Connections



# Installation Instructions

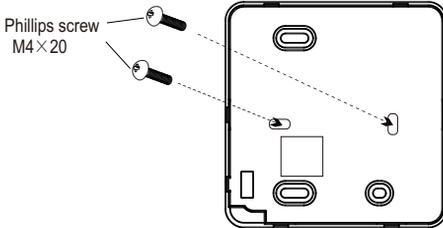
	Type	Minimum specifications
Power supply line of central controller	Copper core wire	Cross-sectional area: $2 \times 0.75\text{mm}^2$
Central control communication line	Shielded twisted pairs	Cross-sectional area: $2 \times 0.75\text{mm}^2$

## NOTES:

- 1.The requirement for wiring is the minimum;
- 2.Both the power supply line and communication line should be provided by users;
- 3.Correct polarity of the communication line should be ensured during connection;
- 4.The connecting cord should be reliably secured after connection is completed.

## 4. Securing the lower cover

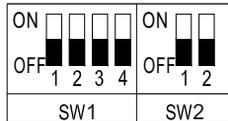
Install the lower cover onto the embedded terminal box (filed-supplied). Please use the two screws to be supplied as accessories to secure the lower cover.



Standard embedded terminal box (86 type)

## Setting dip switches

Default setting:



Note: Symbol “■” indicates the position of the dial switch.

Dial switch	Description	Setting method
SW1	Address settings	In the same central control system, 1. Addresses should not be repeated; 2. Settings can be made for both primary and secondary central controllers. The primary controller has the priority and its position must be set to “OFF”.
SW2	Setting for terminal resistor	Be sure to set the position of the switch at “ON” on either end of the central control system; SW2-1: for central control system; SW2-2 for central management system

# Installation Instructions

## Setting baud rate

The default code for baud rate is 00, which supports the communication in a distance of no more than 1000 m. As communication lines for different central control systems are different, the code for baud rate needs to be changed to ensure the transmission rate.

### Setting methods:

1. Hold down "ADD.FUNC." button and "ON/OFF" button for 3 seconds and the buzzer beeps four times indicating that the system enters into a self-checking state. Press "▲" (increase) button to select the series number 4 and press "ENTER" button to confirm. Then the baud rate code below blinks indicating that the code can be set.
2. Press "▲" (increase) or "▼" (decrease) to select proper code according to the communication requirement for the central control system.

Baud rate code	Baud rate (bps)	Supported maximum communication distance (m)
000	9600	1000
001	19200	400
002	38400	200

3. After the code value is changed, press "ENTER" button to complete the setting.

### NOTE:

**The baud rate of the central controller and that of the wired controller/control box in the central control network must be the same.**

**Otherwise, the system will fail to operate properly.**

## Resetting the system

### Resetting Method:

Hold down "ADD.FUNC." button and "ON/OFF" button for 3 seconds and the buzzer beeps four times indicating that the system enters into a self-checking state. Press "▲" (increase) button to select the series number 3 and press "ENTER" button. When indicator showing "boot" blinks in LCD screen, press the "ENTER" button to reset the system, and then all system settings except those for dial switches are restored to factory settings.

## Snapping upper cover into place

Align the upper cover with the corner buckles of the lower cover of the central controller, and press them together until the upper cover snaps into place.

After installation, please remove the protective sticker on the central controller.

