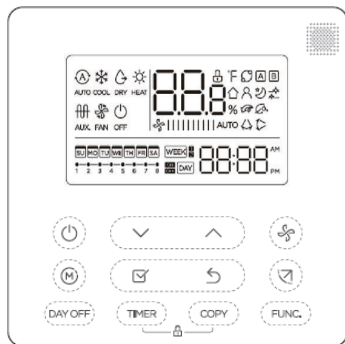


**Wired Remote Controller**  
**7 Day Programmable Thermostat**  
**Ductless Systems**  
**KSACN1001AAA**

## Owner's Manual



**Fig. 1 — Wired Controller**

**NOTE:** Images are for illustration purposes only. Actual models may differ slightly.

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**NOTE:** In order to properly service the wired controller, read this manual carefully prior to operating the unit. Keep this manual after reading for future reference.


# SAFETY CONSIDERATIONS

Installing, starting up, and servicing air-conditioning equipment can be hazardous due to system pressures, electrical components, and equipment location (roofs, elevated structures, etc.). Only trained, qualified installers and service mechanics should install, start-up, and service this equipment. Untrained personnel can perform basic maintenance functions such as cleaning coils.

When working on the equipment, observe precautions in the literature and on tags, stickers, and labels attached to the equipment.

Follow all safety codes. Wear safety glasses and work gloves. Keep a quenching cloth and fire extinguisher nearby when brazing. Use care in handling, rigging, and setting bulky equipment.

Read these instructions thoroughly and follow all warnings or cautions included in the literature and attached to the unit. Consult the local building codes and National Electrical Code (NEC) for special requirements. Recognize safety information.

This is the safety-alert symbol . When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury. Understand these signal words: **DANGER**, **WARNING**, and **CAUTION**. These words are used with the safety-alert symbol.

**DANGER** identifies the most serious hazards which will result in severe personal injury or death.

**WARNING** signifies hazards which could result in personal injury or death. **CAUTION** is used to identify unsafe practices which may result in minor personal injury or product and property damage.

**NOTE** is used to highlight suggestions which will result in enhanced installation, reliability, or operation.



## CAUTION

### **ELECTRICAL SHOCK HAZARD**

Failure to follow this warning could result in personal injury or death. Before beginning any modification or installation of this kit, ensure the main electrical disconnect is in the **OFF** position. Ensure power is disconnected to the fan coil unit. On some systems both the fan coil and the outdoor unit may be on the same disconnect. Tag the disconnect switch with a suitable warning label. There may be more than one to disconnect.

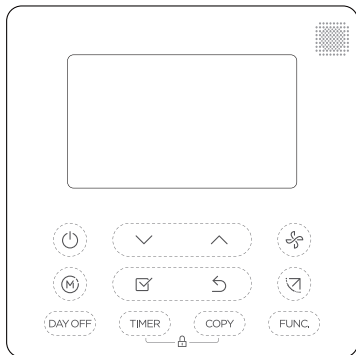


## CAUTION

### **EQUIPMENT DAMAGE HAZARD**

Failure to follow this caution may result in equipment damage or improper operation. Do not install the wired controller in an area subjected to excessive steam, oil or sulfide gas. Doing so may damage the controller and/or cause it to fail.

# WIRED CONTROLLER FEATURES AND FUNCTIONS



**Fig. 2 — Wired Controller**

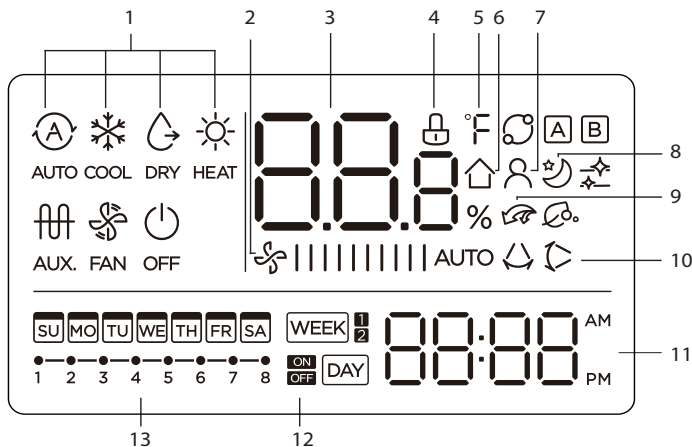
## Features:

- LCD display
- Malfunction code display for error code display
- 4-way wire layout design, smooth rear surface makes it easier to position the wires and install the controller
- Room temperature display
- Weekly timer

## Functions:

- Mode: select AUTO-LOW-DRY-HEAT-FAN
- Fan Speed: AUTO/LOW/MEDIUM/HIGH
- Timer ON/OFF
- Temperature Setting
- Weekly Timer
- FOLLOW ME
- Turbo
- 24-Hour System
- 12-Hour System
- Freeze Protection
- Sleep
- Auto-restart
- Automatic airflow test
- Child Lock
- LCD display
- Clock

# WIRED CONTROLLER DISPLAY



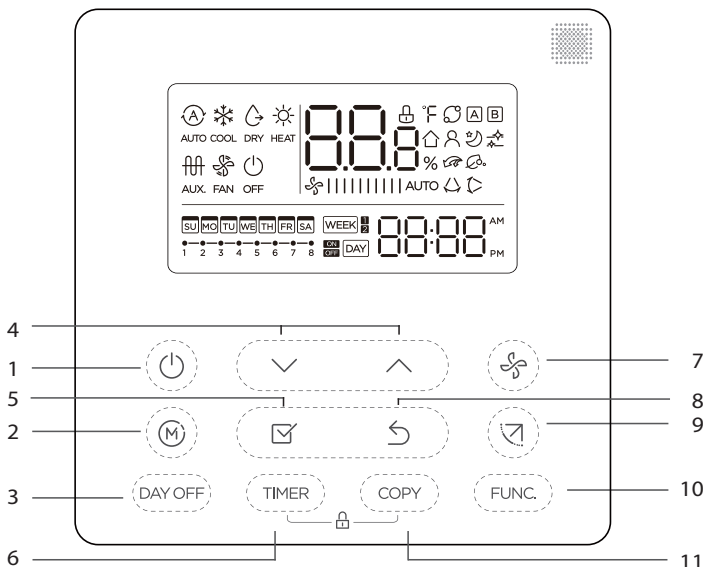
**Fig. 3 — Wired Controller Display**

1. Operation mode indication
2. Fan speed indication
3. Temperature display
4. Lock indication
5. °F / °C indication
6. Room temperature indication
7. Follow Me function indication
8. Sleep mode indication

9. Electric Auxiliary Heat/Turbo Function
10. Left-Right Swing (not available)
11. Clock display
12. ON/OFF Timer
13. Timer Display

**NOTE: AHU models only have Turbo function.**

# WIRED CONTROLLER FUNCTIONS



**Fig. 4 — Wired Controller Functions**

- |                |                                   |
|----------------|-----------------------------------|
| 1. Power       | 7. Fan Speed                      |
| 2. Mode        | 8. Back                           |
| 3. Day Off/Del | 9. Swing (not available)          |
| 4. Adjust      | 10. Function                      |
| 5. Confirm     | 11. Copy                          |
| 6. Timer       | 12. IR (Infrared) Signal Receiver |

# INITIAL SETUP

## Set the current day and time

**NOTE:** The Wired Controller can be powered ON or OFF during this step.

1. Press **TIMER** for 2 seconds or more to set the current date and time. The **TIMER** display flashes (see Fig 5).



**Fig. 5 —Timer**

2. Press the **UP** or **DOWN** arrow (Fig. 6) to set the week day; the selected week day will flash (Fig. 7).



**Fig. 6 —Up or Down Arrows**



**Fig. 7 — Days of the Week**

3. Press **TIMER** to confirm. If there is no button pressed within 10 seconds, the displayed week day will be saved.

4. Press the **UP** or **DOWN** arrows (Fig. 6) to set the current time. Press repeatedly to adjust the current time in 1-minute increments. Press and hold to adjust the current time continuously. Press **TIMER** to confirm. If there is no button pressed within 10 seconds the displayed time is saved.



ex. Monday 11:20

**Fig. 8 — Week Day and Time**

5. **Time scale selection:** Press **TIMER** (See Fig. 5 — on page 8) and **DAY OFF** (Fig. 9) for 2 seconds to alternate the clock time display between the 12 hour and 24 hour formats.



**Fig. 9 — Timer**



## Start and Stop Operation

- Press **POWER** to power on the controller.



Fig. 10 — Power

## Freeze Protection



Fig. 11 — Freeze Protection

With the unit is in **HEAT** mode press the down arrow until the setpoint is 60°F (16°C). Press the down arrow two times within one seconds to activate the **FREEZE PROTECTION** function (heating set back). The unit will now operate at a set temperature of 46°F (8°C). The indoor unit display shows **FP**. No icon appears on the remote control.

**NOTE: This function is only available in the HEATING mode.**

Under this function, the unit heats at high fan speed until the space temperature is 46°F (8°C). This mode can also be deactivated by pressing **POWER**, **MODE**, **FAN SPEED**, **TIMER**, or either **ADJUST** arrow.

## To Set the Operation Mode

- Press **MODE** (see Fig. 12) to set the **OPERATION MODE** (see Fig. 13) (**HEAT** function is invalid for a **COOL** only type unit).



Fig. 12 — Mode



Fig. 13 — Operation Modes

When the mode is selected as emergency heating (single-on electric auxiliary heating) mode, the **AUX** icon appears in the **MODE** area, the fan speed displays **AUTOMATIC WIND**, the fan speed key no longer responds.

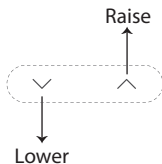
There are no **SLEEP**, **FREEZE PROTECTION**, **TURBO** functions in the emergency **HEATING** mode.

When the mode is selected as **HEATING + ELECTRIC AUXILIARY HEATING** mode, the icons appear in the mode area and the **TURBO** function does not respond.

## Room Temperature Setting

1. Press the **UP** or **DOWN** arrow (Lower or Raise (see Fig.14)) to set the room temperature.

**NOTE:** This function is unavailable in FAN mode.



**Fig. 14 — Up or Down Arrows (Lower and Raise)**

### Indoor Setting Temperature Range:

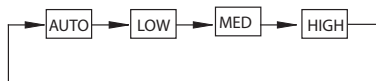
62°F~86°F (17°C~30°C)

2. **°F and °C Scale Selection** - Press and hold the **UP** or **DOWN** arrow for 3 seconds to alternate the temperature display between the °F and °C scale.

## Fan Speed

- Press **FAN SPEED** to set the fan speed.

**NOTE:** This function is unavailable when the unit is in **AUTO** or **DRY** mode.



**Fig. 15 — Fan Speed**

## Keypad Tone

### Enable Keypad Tone

- Press **SWING** and **FUNC.** together (Fig. 16) for 3 seconds to enable the keypad tone.

### Disable Keypad Tone

- Press **SWING** and **FUNC.** together (Fig. 16) for 3 seconds to disable the keypad tone.



**Fig. 16 — Keypad Tone Set**

## Use the Child Lock Function

### Activate the Child Lock

- Press **TIMER** and **COPY** (Fig. 17) together for 3 seconds to activate the **CHILD LOCK** function and lock all the buttons on the wired controller. When the **CHILD LOCK** function is activated, the **LOCK** icon appears (Fig. 17).

### De-activate the Child Lock

- Press **TIMER** and **COPY** (Fig. 17) together for 3 seconds to deactivate the **CHILD LOCK** function.



Fig. 17 — Timer and Copy



Fig. 18 — Child Lock

## Sleep

In the **AUTOMATIC**, **COOLING** or **HEATING** mode, press **FUNC.** to select the **SLEEP** icon, and then press **CONFIRM** to turn the **SLEEP** function on or off, and set the fan speed to automatic fan. After the sleep function is turned on, turning on **TURBO**, **46-Degree HEATING**, switching modes, or adjusting the fan speed cancels the **SLEEP** function.

## Turbo (on some models)

Under the **COOL** or **HEAT** mode, **TURBO** and **FOLLOW ME** can be activated.

- Press **FUNC.** to set the **TURBO** or **FOLLOW ME** function. The select function icon flashes.



Fig. 19 — FUNC.

- Press **CONFIRM** to confirm the setting (see Fig. 20).

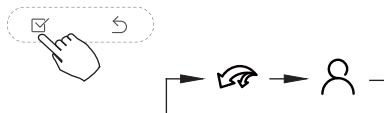


Fig. 20 — Confirm the Setting

When **TURBO** is activated, the **TURBO** icon appears (see Fig. 21).



Fig. 21 — Turbo

**NOTE:** The electric auxiliary heating function of the AHU model is controlled by the **MODE** button, and the **FUNC.** button is for the **TURBO** function.


# FOLLOW ME

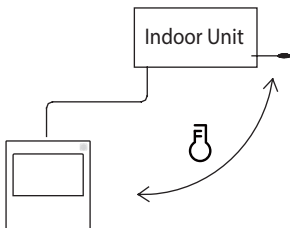
## Activate FOLLOW ME

1. Press **FUNC.** to select the **FOLLOW ME** icon.
2. Press **CONFIRM** to activate **FOLLOW ME**.

## Deactivate FOLLOW ME

1. Press **FUNC.** to select the **FOLLOW ME** icon.
2. Press **CONFIRM** to deactivate.

When the FOLLOW ME function  indication appears, the room temperature is detected by the sensor in the wired controller.



**Fig. 22 — FOLLOW Me**

## Timer Functions

For more information, see “To Set the ON or OFF TIMER” on page 14.

- **Weekly:** Use the **WEEKLY** function to set operating times for each day of the week.



Fig. 23 — WEEK

- **On:Day:** Use the **ON:DAY** function to start air conditioner operation.



Fig. 24 — ON:DAY

- **Off:Day:** Use the **OFF:DAY** function to stop air conditioner operation.



Fig. 25 — OFF:DAY

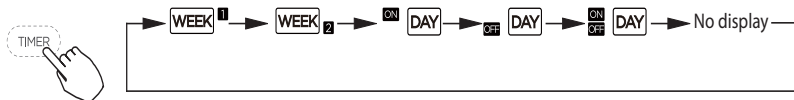
- **On and Off:Day:** Use the **On and Off: Day** function to start and stop air conditioner operation.



Fig. 26 — ON and OFF:DAY

## To Set the ON or OFF TIMER

1. Press **TIMER** to select the **ON:DAY** or **OFF:DAY**.



**Fig. 27 — Select the ON:DAY or OFF:DAY**

2. Press **CONFIRM** and the **TIMER** display flashes.



**Fig. 28 — Confirm**

3. Press the **UP** or **DOWN** arrow to set the time. After the time is set, the timer starts or stops.



**Fig. 29 — Up or Down arrow to set time**

4. Press **CONFIRM**.



**Fig. 30 — Confirm**

**NOTE:** The secondary wired controller cannot set the timer.

# WEEK AND DAY SETTINGS FOR WEEK 1

## WEEK 1 Timer Setting

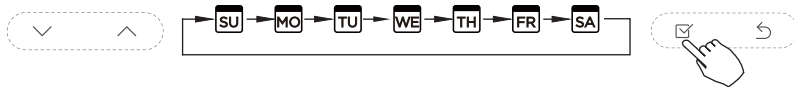
1. Press **TIMER** (several times if needed) to select **WEEK 1**.
2. Press **CONFIRM**.



**Fig. 31 — Press Timer then Confirm**

## Day of the WEEK Setting

1. Press the **UP** or **DOWN** arrow to select the day of the week.
2. Press **CONFIRM**.



**Fig. 32 — Press Up and Down Arrows - Select Day - Confirm**

## SET the ON Timer for Timer Setting 1

1. Press the **UP** or **DOWN** arrow to set the time of the **ON** timer.
2. Press **CONFIRM**.



Fig. 33 — Up or Down Arrow - Confirm

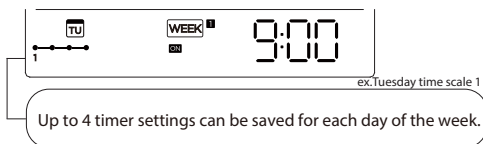


Fig. 34 — Select Timer Setting(s)

## Set the OFF Timer Setting for Timer Setting 1

1. Press the **UP** or **DOWN** arrow to set the **OFF** timer.
2. Press **CONFIRM**.

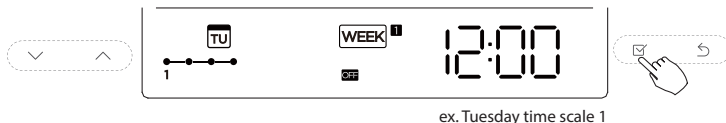


Fig. 35 — UP or DOWN Arrow - Confirm

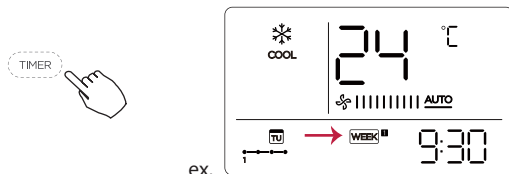
**NOTE:** Users can revert to the previous step by pressing **BACK**. The time of the timer setting can be deleted by pressing **DAY OFF**. The current setting is restored and the weekly timer setting is withdrawn when there is no operation selected in 30 seconds.



# WEEKLY TIMER OPERATION

## To activate the WEEKLY TIMER operation

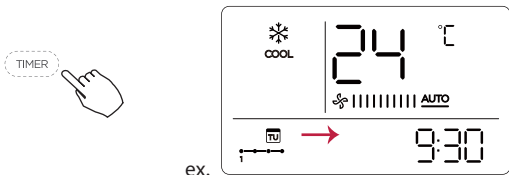
1. Press and release **TIMER** until **WEEK 1** appears on the display.



**Fig. 36 — Press Timer**

## To deactivate the WEEKLY TIMER operation

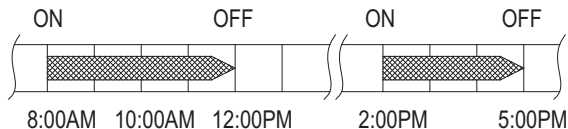
1. Press and release **TIMER** until **WEEK 1** no longer appears on the display.



**Fig. 37 — Press Timer**

## To Turn Off the Air Conditioner with the Week Timer

1. Press **POWER** and the air conditioner turns **OFF** temporarily. The air conditioner turns back on automatically when the **ON** timer's set time is reached. For example, press **POWER** once at 10:00 AM, the air conditioner turns back on at the timer setting 2:00 PM (Fig. 38).



**Fig. 38 —Weekly Timer Display**

2. Press **POWER** for 2 seconds, the air conditioner turns off completely and cancels the timing function.

## Set the DAY OFF For WEEK 1

1. Select **WEEK 1** then press **CONFIRM**. For more information, see “WEEKLY TIMER OPERATION” on page 17.



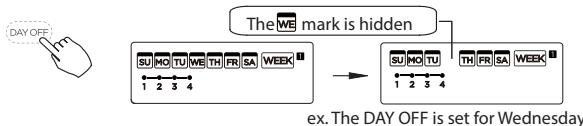
**Fig. 39 — Confirm**

2. Press the **UP** or **DOWN** arrow to select the day of the week.



**Fig. 40 — Up or Down Arrows**

3. Press **DAY OFF** to select day(s) off.



**Fig. 41 — Select Day(s) off**

A **DAY OFF** can be set for other days by repeating steps 2 through 3.

4. Press **BACK** to revert to the weekly timer.

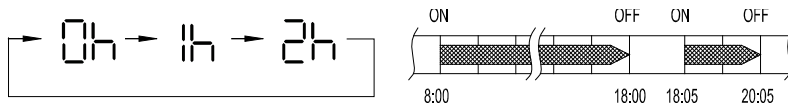


**Fig. 42 — Back**

The **DAY OFF** setting is canceled at the end of the set day.

## Delay Function

During the weekly timer, pressing **Del** once, displays **0h**. Press **Del** twice to display **1h** and wait 3 seconds to confirm. This step causes the unit to override in 1 hour; Press **Del** three times, the unit display **2h**. Wait 3 seconds to confirm (the unit will now override 2 hours).



**Fig. 43 — Delay Function**

## Copy the Setting from One Day to Another

A scheduled event, made once, can be copied to another day of the week. The scheduled events of the selected day will also be copied to the new day.

1. During the weekly timer, press **CONFIRM**.



**Fig. 44 — Confirm**

2. Press the **UP** or **DOWN** arrow to select the day to copy from.



**Fig. 45 — Up or Down Arrows**

3. Press **COPY**, **CY** appears on the display.



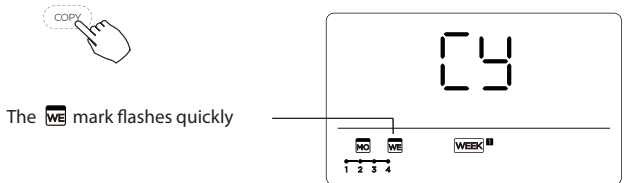
**Fig. 46 — Copy**

4. Press the **UP** or **DOWN** arrow to select the day to copy to.



**Fig. 47 — Up or Down Arrow**

5. Press **COPY** to confirm.



The **WE** mark flashes quickly

ex. Copy the setting of Monday to Wednesday

**Fig. 48 — Copy**

Other days can be copied by repeating steps 4 through 5.

6. Press **CONFIRM**.



**Fig. 49 — Confirm**

7. Press **BACK** to revert to the weekly timer.



**Fig. 50 — Back**

# WEEK AND DAY SETTINGS FOR WEEK 2

## WEEK 2 Timer Setting

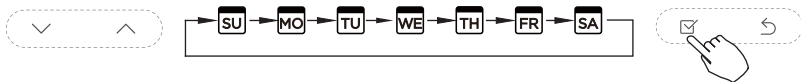
1. Press **TIMER** (repeatedly if need be) to select **WEEK 2**
2. Press **CONFIRM**.



**Fig. 51 — Timer and Confirm**

## Day of the WEEK 2 Setting

1. Press the **UP** or **DOWN** arrow to select the day of the week.
2. Press **CONFIRM**.



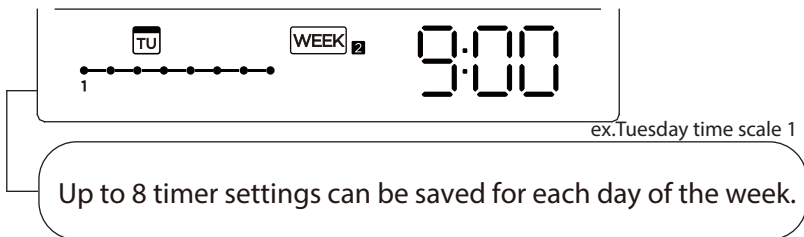
**Fig. 52 — Up or Down Arrows - Select Day - Confirm**

## SET the ON Timer for Timer Setting 1

1. Press the **UP** or **DOWN** arrow to select the timer setting number of the day (1-8).
2. Press **CONFIRM**.



**Fig. 53 — Up or Down Arrows - Confirm**



**Fig. 54 — Timer Settings**



## SET the ON Timer for Timer Setting 1

1. Press the **UP or DOWN** arrow to select the setting time. The setting time, mode, temperature and fan speed appear on the display.
2. Press **CONFIRM** to enter the setting time process.



Fig. 55 — Up or Down Arrows - Confirm

**IMPORTANT:** Up to 8 scheduled events can be set on a single day. Each event can be scheduled with either **MODE**, **TEMPERATURE** or **FAN** speed.

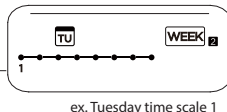


Fig. 56 — Select Events

## Operation Mode Setting

1. Press the **UP or DOWN** arrow to set the **OPERATION** mode.
2. Press **CONFIRM**.

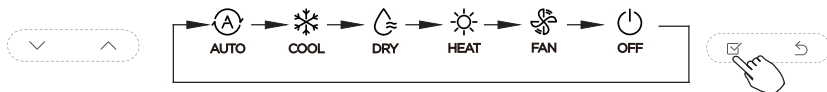


Fig. 57 — Press UP or DOWN Arrows - Select Mode - Confirm

## Room Temperature Setting

1. Press the **UP** or **DOWN** arrow to set the room temperature.
2. Press **CONFIRM**.



**Fig. 58 — Press UP or DOWN Arrow - Confirm**

**NOTE:** This setting is unavailable in the FAN or OFF modes.

## Fan Speed Setting

1. Press the **UP** or **DOWN** arrow to set the fan speed.
2. Press **CONFIRM**.



**Fig. 59 — UP or DOWN Arrows - Fan Speed - Confirm**

**NOTE:** This setting is unavailable in the AUTO, DRY or OFF modes.

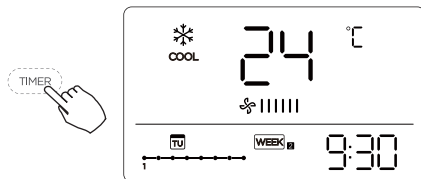
**NOTE:** Different scheduled events can be set by repeating all the steps from the “SET the ON Timer for Timer Setting 1” on page 25 through the Fan Speed Setting steps found on this page.

The weekly timer setting can be returned to the previous step by pressing **BACK**. The current setting is restored. The controller **will not** save the weekly timer settings if there is no operation within 30 seconds.

# Weekly Timer Operation

## To start the Weekly Timer Operation

1. Press **TIMER** to select **WEEK 2**, and the timer starts automatically.



**Fig. 60 — Select Timer**

## To cancel the Weekly Timer Operation

1. Press **POWER** for 2 seconds. The wired controller must be **ON** to perform the function.



**Fig. 61 — Power**

Cancel the **TIMER** mode by changing the timer mode using **TIMER**.



**Fig. 62 — Press Timer**

## Set the DAY OFF (for WEEK 2)

1. Select **WEEK 2** then press **CONFIRM**. See “Weekly Timer Operation” on page 27.



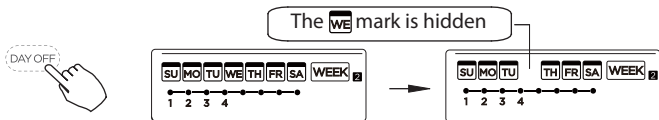
**Fig. 63 — Confirm**

2. Press the **UP** or **DOWN** arrow to select the day of the week.



**Fig. 64 — Up or Down Arrows**

3. Press **DAY OFF** to select day(s) off.



ex. The DAY OFF is set for Wednesday

**Fig. 65 — Select DAY OFF**

A **DAY OFF** can be set for other days by repeating steps 2 through 3.

4. Press **BACK** to revert to the weekly timer.

**NOTE:** To cancel, follow the same procedures used for setup. The DAY OFF setting is canceled at the end of the set day.

## Copy the Setting From One Day to Another

A scheduled event, made once, can be copied to another day of the week. The scheduled events of the selected day of the week will be copied. Using the **COPY** mode simplifies scheduling.

1. In the weekly timer, press **CONFIRM**.



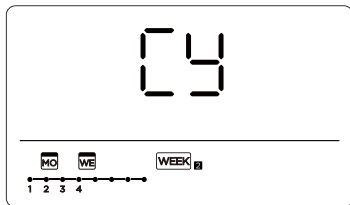
**Fig. 66 — Confirm**

2. Press the **UP** or **DOWN** arrow to select the day to copy from.



**Fig. 67 — Up or Down Arrows**

3. Press **COPY**; the letters **CY** appear on the display.

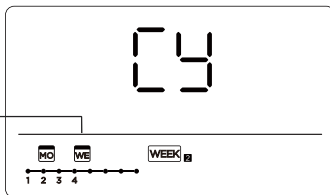


**Fig. 68 — Press Copy**

4. Press the **UP** or **DOWN** arrow to select the day to copy to.

5. Press **COPY** to confirm.

The **WE** mark flashes quickly



ex. Copy the setting of Monday to Wednesday

**Fig. 69 — Press Copy**

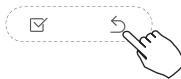
Other days can be copied by repeating steps 4 through 5.

6. Press **CONFIRM** to confirm the settings.



**Fig. 70 — Confirm**

7. Press **BACK** to revert to the weekly timer.



**Fig. 71 — Back**

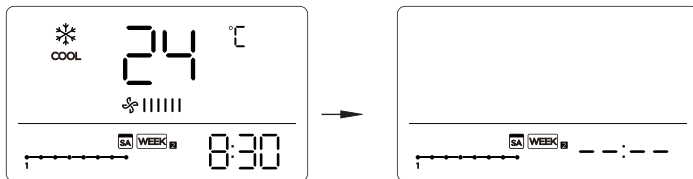
## Delete the Time Scale in One Day

1. During the weekly timer setting, press **CONFIRM**.



**Fig. 72 — Confirm**

2. Press the **UP** or **DOWN** arrow to select the setting time you want to delete. The setting time, mode, temperature and fan speed appear on the display. The setting time, mode, temperature and fan speed can be deleted by pressing the **DAY OFF**.



ex. Delete the time scale 1 in Saturday

**Fig. 73 — Select Day**

# WIRED CONTROLLER ERROR CODES

**Table 1 — Error Codes**

DISPLAY ON IDU	INDOOR UNIT ERROR CODE DEFINITION
<b>EH00</b>	Indoor EEPROM malfunction
<b>EL01</b>	Communication malfunction between the indoor and outdoor units
<b>EH03</b>	Indoor fan speed malfunction
<b>EC51</b>	Outdoor EEPROM malfunction
<b>EC52</b>	Condenser coil temperature sensor (T3) malfunction
<b>EC53</b>	Outdoor ambient temperature sensor (T4) malfunction
<b>EC54</b>	Outdoor unit exhaust temperature sensor error
<b>EH60</b>	Indoor Room Temperature Sensor T1 Error
<b>EH61</b>	Indoor Evaporator coil Temperature Sensor T2 Error
<b>EH62</b>	Air inlet temperature sensor Error
<b>EC07</b>	Outdoor DC fan speed malfunction
<b>EH0b</b>	Indoor PCB and display board communication error
<b>EL0c</b>	Refrigerant leakage detection
<b>EH0E</b>	Indoor water level warning Error
<b>FL09</b>	New and old platform match malfunction
<b>PC00</b>	Inverter module (IPM) protection
<b>PC01</b>	Over high voltage or over low voltage protection
<b>PC02</b>	High temperature protection of compressor top/ IPM Temperature protection
<b>PC04</b>	Inverter compressor drive Error
<b>PC03</b>	Low pressure protection
<b>PC0L</b>	Low temperature protection of outdoor unit
<b>EHb3</b>	Communication error between the wire controller and the indoor unit
<b>----</b>	Indoor units mode conflict
<b>NOTE: The digital tube shows that DF / FC is in a normal operation state, not fault or protection.</b>	

\*Check the indoor unit's error display and review the owner's manual if other error codes appear.

**NOTE: The error displayed on the wire controller differs from the error displayed on the unit. If the error code appears, check the Owner's, Installation Manual and Service Manual for the model number of the unit or wired controller the error appears on.**



# QUERIES AND SETTINGS

**CAUTION:** All changes should be performed **ONLY** by authorized professionals.

## Indoor Unit Tx Temperature Query Function

1. When the air conditioning unit is **OFF**, press **COPY** for 3 seconds to enter query mode on the wired controller.



**Fig. 74 — Copy**

2. Press the **UP** or **DOWN** arrows to select. If connected to an Air Handler Unit, display displays P:00. If connected to multiple Air Handler Units, press up or down to display P:01, P:02, etc. and then press **“Confirm”** to query the Air Handler Unit's Tn(T1~T4) temperature and fan fault (CF), press up or down to select. Not pressing a key for 15 seconds or pressing **“Back”** or **“ON/OFF”** exits the temperature query function.



**Fig. 75 — Up or Down Arrows**

# STATIC PRESSURE QUERY FUNCTION

1. When the air conditioning unit is **OFF** and in query mode, press the **UP** or **DOWN** arrows to select **SP** (For Ducted Models Only).



**Fig. 76 — Up or Down Arrows**

2. Press **CONFIRM** to adjust the static pressure value.
3. Press the **UP** or **DOWN** arrow to select the static pressure value (0~4).
4. Press **CONFIRM** to select the value.

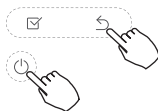
# Auto Airflow Adjustment

1. When the air conditioning unit is **OFF** and in **QUERY** mode, press the **UP** or **DOWN** arrow to select **AF**.



**Fig. 77 — Up or Down Arrows - Select AF**

2. Press **CONFIRM** to activate **AF** mode
3. The **AF** mode requires 3~6 minutes to complete an airflow adjustment. The unit automatically exits the mode when the adjustment completes.
4. To interrupt or exit the **AF** mode at anytime, press **BACK** or press **ON/OFF** or press **CONFIRM**. If there is no response for 30 seconds, the wired controller exits the query mode.



**Fig. 78 — Back - Confirm**

## FOLLOW ME Mode Temperature Compensation

1. When the air conditioning unit is **OFF** and in **QUERY** mode, press the **UP** or **DOWN** arrow to select **tF**. The compensation temperature Range: 23°F ~ 41°F (-5°C~5°C).



**Fig. 79 — Up or Down Arrows - Select Confirm**

2. Press **CONFIRM** to enter the temperature compensation value.
3. Press the **UP** or **DOWN** arrow to select the temperature compensation value.
4. Press **CONFIRM** to set **tF** compensation temperature.

## Mode Customization

This setting allows the configuration of the wired controller customizing the modes available for the user as **CH Heat Pump**, **CC Cooling Only**, **HH Heating Only** or **NA No AUTO Mode**.

1. When the air conditioning unit is **OFF** and in query mode, press **UP** or **DOWN** arrow to select **TYPE**.



**Fig. 80 — Up or Down Arrows - Select Type**

2. Press **CONFIRM** to enter **TYPE**, press **UP** or **DOWN** arrow to select the type (see Fig. 81).



**Fig. 81 — Press CONFIRM**

3. Press **CONFIRM**.

## Set the Minimum and Maximum Temperature Values

1. When the air conditioning unit is **OFF** and in **QUERY** mode, press the **UP** or **DOWN** arrow to select **tHI** or **tLo**.



Fig. 82 — UP or DOWN Arrows - Select tHI or tLo

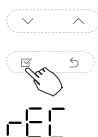
2. Press **CONFIRM** to enter the setting.
3. Press the **UP** or **DOWN** arrow to select the temperature value.
4. Press **CONFIRM** to complete. The maximum setting temperature range is 77°F~86°F (25°C~30°C). The minimum setting temperature range is 62.6°F~75.2°F (17°C ~24°C).

**NOTE: Factory default setting on tHI and tLo is “-”.**

- tHI Maximum value setting function
- tLo Minimum value setting function

## Remote Control Mode Setting for the Wired Controller

1. When the air conditioning unit is **OFF** and in **QUERY** mode, press the **UP** or **DOWN** arrow to select **rEC**.



**Fig. 83 — UP or DOWN Arrow - Select rEC**

2. Press **CONFIRM** to enter the mode setting.
3. Press **UP** or **DOWN** arrow to select the remote control mode **ON** or **OFF (OF)**.
4. Press **CONFIRM**.

**NOTE:** **ON** or **OFF (OF)** appears in the temperature area to indicate the remote control mode. When the selection is **OFF (OF)**, the wire controller does not process any remote control signals.

## Restore Factory Settings

1. When the air conditioning unit is **OFF** and in **QUERY** mode, press the **UP** or **DOWN** arrow to select **1111E**, the temperature zone appears --.



**Fig. 84 — UP or DOWN Arrows - Select 1111E**

2. Press **CONFIRM** to enter the setting.
3. Press the **UP** or **DOWN** arrow to select **ON**.
4. Press **CONFIRM**.

**NOTE:** All the Wired Controller's settings are restored to the factory default settings.

## TECHNICAL INDICATION AND REQUIREMENT

EMC and EMI comply with the CE certification requirements.

