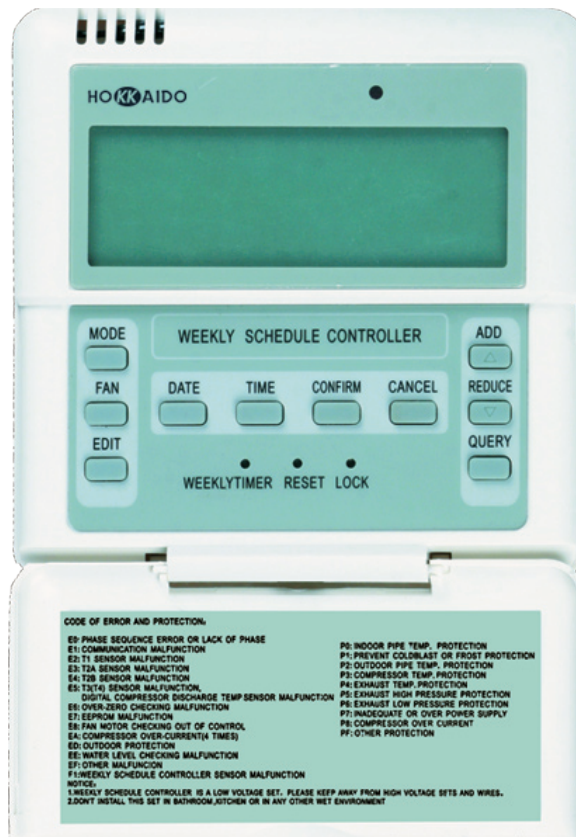


# WEEKLY TIMER

## USER'S MANUAL

### DTWT - IHXR Model



# HO KKAIDO

### WARNING!

PLEASE READ THIS MANUAL BEFORE USING YOUR NEW WEEKLY TIMER.

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## SAFETY PRECAUTIONS



Please read the Safety Precautions carefully before using DTWT - IHXR Weekly Timer. Do observe the following Safety Precautions, for they are very important.

Before reading the text, please be familiar with the following markers and icons, and comply with the Precautions.

### ■ Markers


Markers	Indication
 <b>WARNING</b>	The sign shows the risk of death or serious injury will be caused due to the wrong operation.
 <b>CAUTION</b>	The sign shows the risk of injury or the damage to the property will be caused due to the wrong operation.


### ■ Icons


Icons	Indication
	<b>FORBID.</b> Action or procedure not allowed, with serious effects on objects and people.
	<b>ENFORCE.</b> Compulsory action or procedure. The missed observance could bring serious effects on objects and people.

- A strict observance of the following instructions will prevent personal hurt and incidents to the User. Moreover, correct operation and long life of the appliance will be ensured.
- **The User must never attempt to install or repair the Weekly Timer by himself.**

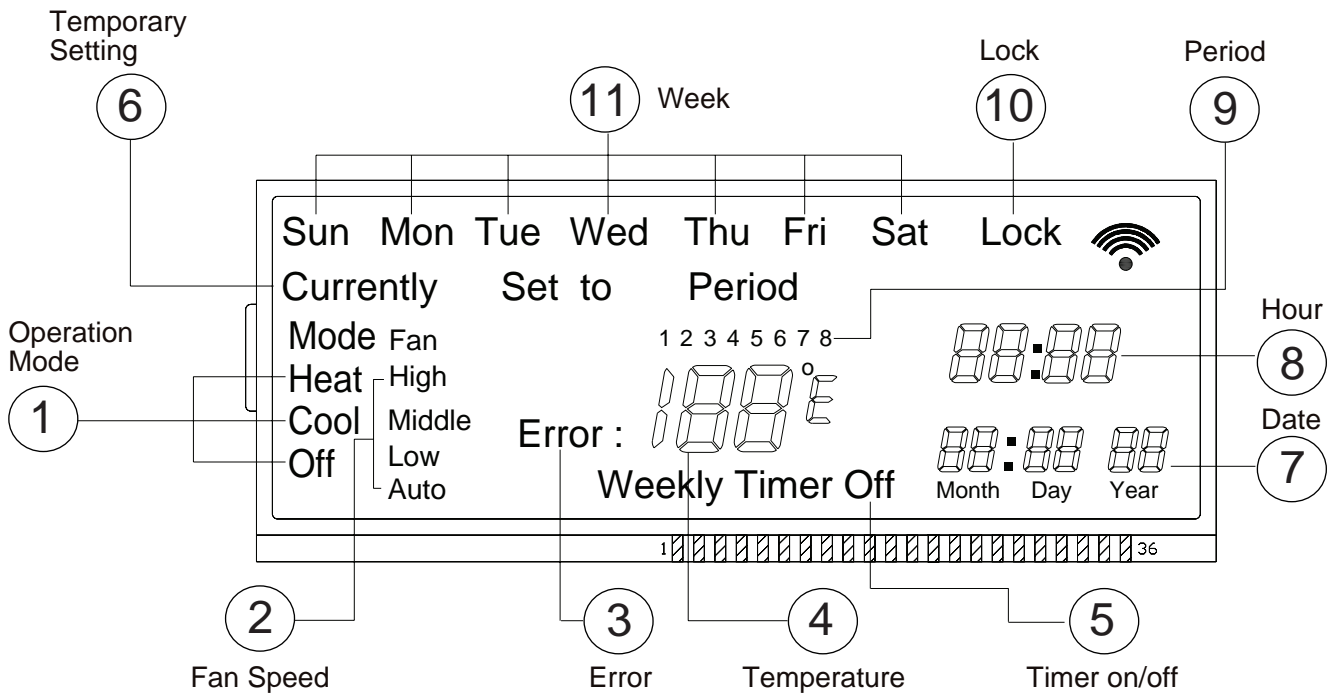
### **WARNING**

<b>INSTALLATION WARNING</b>	 <b>Installation commitment</b>	<ul style="list-style-type: none"> <li>• <b>Please always contact the Retailer or the Authorized Technical Service for installation of the Weekly Timer.</b></li> </ul> <p>Users must not install the Weekly Timer by themselves. A wrong installation may cause electric shocks, injuries or fire.</p>
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<b>OPERATION CAUTION</b>	 <b>FORBID</b>	<p>Do not spray inflammable liquid on the Weekly Timer, or fire may be caused.</p> <hr/> <p>Do not operate with wet hands. Do not let water go into the Weekly Timer, to avoid the danger of electric shocks.</p>
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<b>MOVE AND REPAIR CAUTION</b>	 <b>FORBID</b>	<p>If you want to move or re-install your Weekly Timer, please always contact the Authorized Technical Service.</p> <hr/> <p>Do not disassemble your Weekly Timer. If you need to disassemble the Weekly Timer, please contact the Authorized Technical Service. A wrong disassembly may cause abnormal operation or overheating, which may result in fire.</p>
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## INDICATORS ON WEEKLY TIMER



### 1. OPERATION MODE INDICATION:

When you press “MODE” button and “ADD” or “REDUCE” button, operation mode changes according to the following sequence:

Heat → Cool → Off.

### 2. FAN SPEED INDICATION:

There are 4 fan speeds: High, Middle, Low, Auto.

Some Models of air conditioner do not have Middle fan speed: if Middle speed is selected, indoor fan will run at High speed.

### 3. ERROR CODES:

Display of Error Codes, which indicates malfunctions on the Unit or on the System.

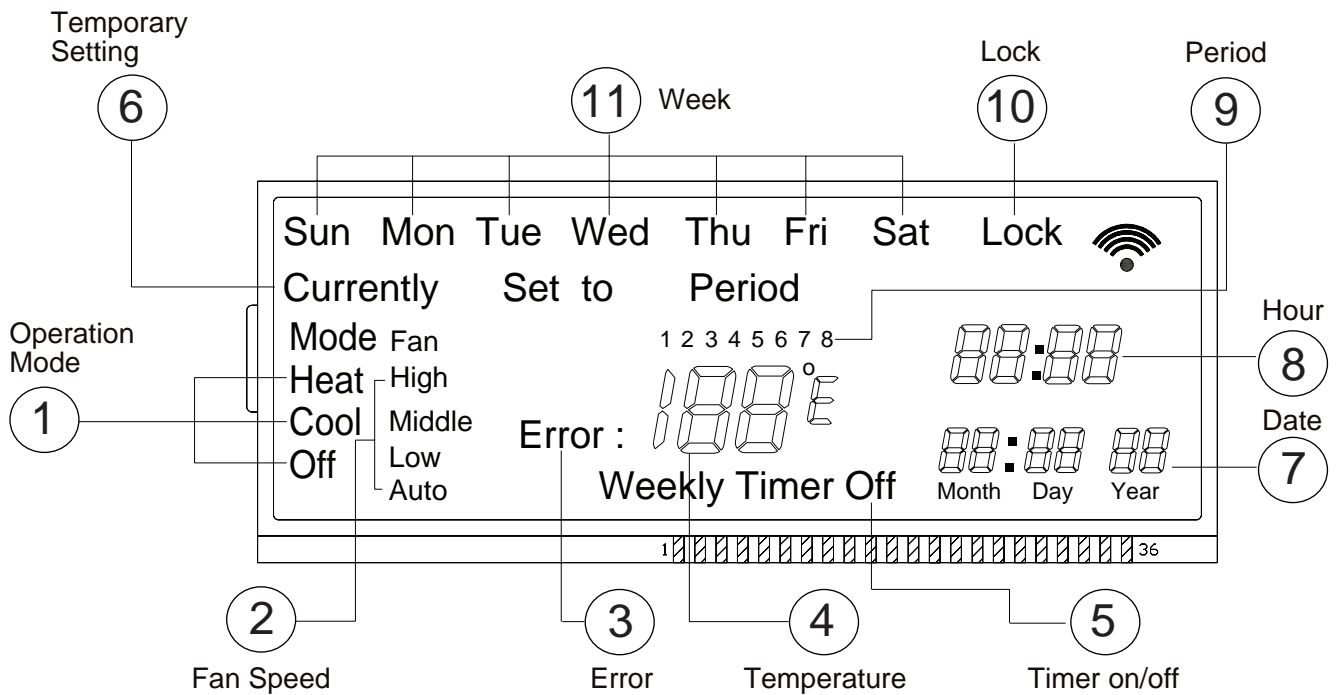
### 4. TEMPERATURE INDICATION:

Room temperature display.

### 5. WEEKLY SCHEDULE CONTROLLER SWITCH INDICATION:

Displays the state of Weekly Timer: On - Off.

## INDICATORS ON WEEKLY TIMER



### 6. “CURRENTLY” SETTING INDICATION:

Display of a Temporary setting (Operation Mode, Fan Speed, Temperature). In this way - without Timer setting - the appliance simply operates as a Remote Controller.

### 7. DATE INDICATION:

Display of Month - Day - Year.

### 8. TIME INDICATION:

Display of Hour - Minutes.

### 9. PERIOD INDICATION:

Display of programmed operation: 1 ~ 8 periods.

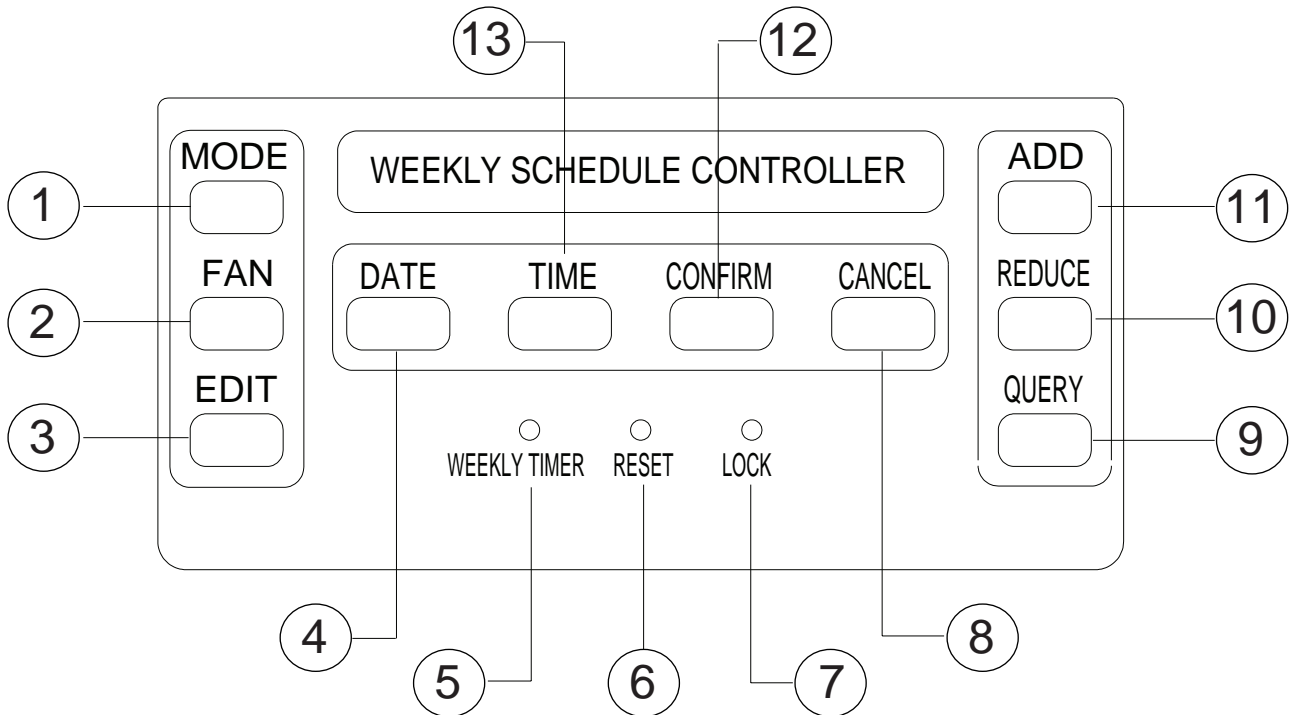
### 10. LOCK INDICATION:

If you press “LOCK” button by a pointed article, all buttons of Weekly Timer are disabled and the programmed setting cannot be changed.

### 11. WEEK INDICATION:

Display of the week’s days: Sun ~ Sat.

## BUTTONS ON WEEKLY TIMER



### 1. MODE BUTTON:

Press this button to select Operation Mode.

Operation Mode changes in sequence by pressing ADD or REDUCE button: press these buttons to select Heat, Cool or Off.

Press CONFIRM button to save and exit the function.

### 2. FAN BUTTON:

Press this button to select fan speed.

Fan speed changes in sequence by pressing ADD or REDUCE button: press these buttons to select High, Middle, Low or Auto speed.

*Note:* Some Models of Air Conditioner do not foresee Middle fan speed: if Middle fan speed is selected, fan will run at High speed.

Press CONFIRM button to save and exit the function.

### 3. EDIT BUTTON:

Press this button to select the Period (1 ~ 8) for programmed time setting and carry out the time selections.

### 4. DATE BUTTON:

Press this button to set current date (year - month - day).

Setting can be changed by pressing ADD or REDUCE button.

Press CONFIRM button to save and exit the function.

### 5. WEEKLY TIMER BUTTON:

Hidden button for turning on/off the Weekly Timer.

Please use the point of a pencil or a pointed article to press this button.

## BUTTONS ON WEEKLY TIMER

### 6. RESET BUTTON:

Hidden button. Press RESET button by the point of a pencil or by a pointed article: the display will light up for 2 seconds and all settings will be cancelled. Factory default's settings will be restored.

### 7. LOCK BUTTON:

Hidden button. Press LOCK button by the point of a pencil or by a pointed article: all the Weekly Timer 's buttons are disabled, therefore all settings are locked and cannot be modified. In LOCK mode, if a blackout takes place, settings will be locked also when power supply is restored.

Press LOCK button again to exit lock function and allow current settings' modification again.

### 8. CANCEL BUTTON:

Press this button to cancel a wrong setting or to exit LOCK function.

### 9. QUERY BUTTON:

Button for checking settings.

Press CANCEL button to exit the function; press CONFIRM button to display the next parameter for programmed time setting: in sequence, there are the Week's Day, the Period (1 ~ 8), the Hour for Start and Hour for Stop, the Operation Mode and Fan Speed, and finally the set Temperature.

At each parameter, press ADD and REDUCE buttons to set your desired selection.

Press CONFIRM button to save the setting and enter the next parameter, till the end of the subsequent 8 Periods for programmed time setting.

Press CANCEL button to exit the function.

### 10. REDUCE BUTTON:

Used for changing setting parameters and reducing numerical values.

### 11. ADD BUTTON:

Used for changing setting parameters and adding numerical values.

### 12. CONFIRM BUTTON:

To save the setting. This button is also used to enter the next function.

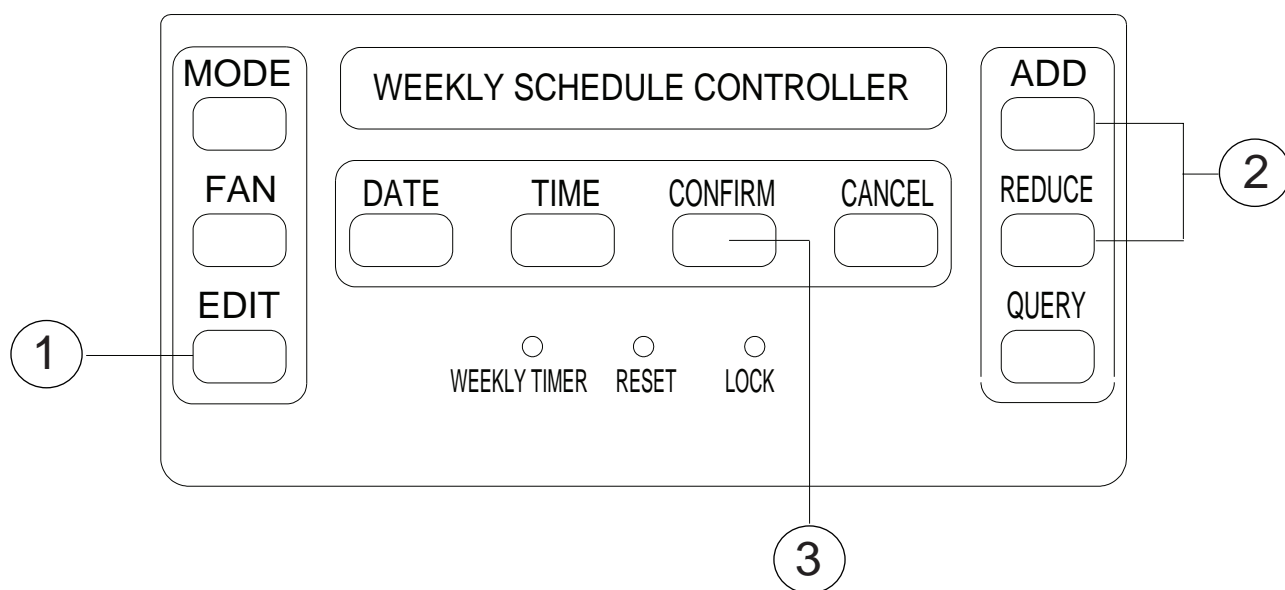
### 13. TIME BUTTON:

Press this button to set current time.

Please use ADD & REDUCE buttons to adjust hour. Press CONFIRM button to save, then press ADD & REDUCE buttons again to adjust minutes.

Press CONFIRM button to save.

## TIMER SETTING



### Warning!

Before setting the Timer, please correctly set current date (by pressing DATE, ADD / REDUCE and CONFIRM buttons) and current hour (by pressing TIME, ADD / REDUCE e CONFIRM buttons).

### Timer setting

1. Press EDIT button. You will enter Programmed Time Setting Function: the Weekly Timer foresees 8 Periods for Programmed Time Setting.
2. First Programmed Time Period: please select the Week's Day by pressing ADD or REDUCE button.
3. Press CONFIRM button. The Week's Day is set, and you will enter the next parameter: in sequence, the Period will flash, followed by the Hour for Start and the Hour of Stop, the Operation Mode, the Fan Speed and the set Temperature. At each parameter, press ADD / REDUCE buttons to make the desired selections, and press CONFIRM button to complete setting of each parameter.

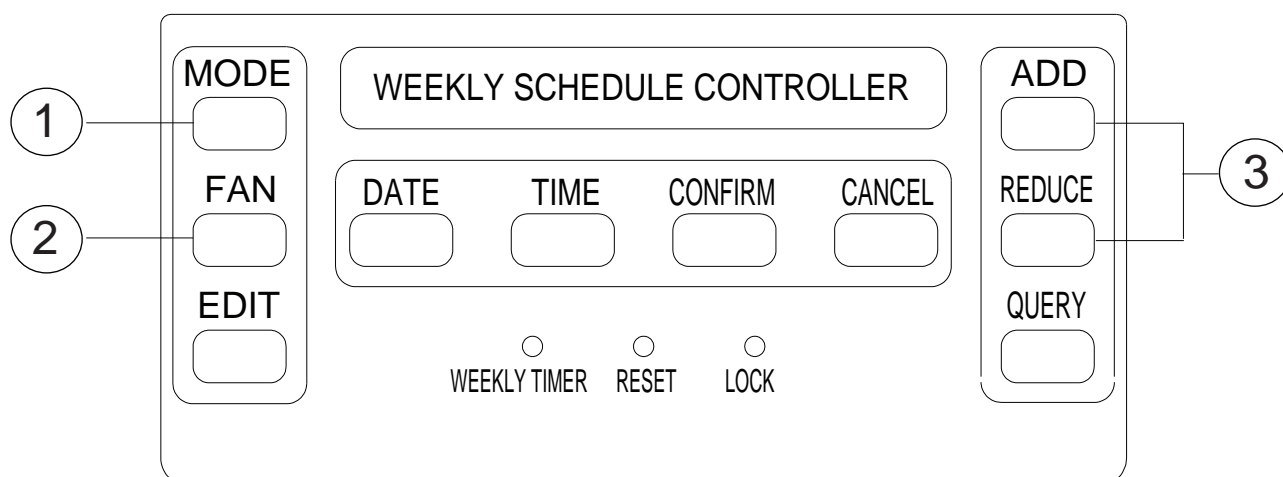
Please repeat the procedure till ending the 8 Periods of Programmed Time Setting.

To exit *TIMER* setting: press CANCEL button.

To cancel *TIMER* settings: press RESET button.

**Note:** after pressing RESET button, "°C" icon corresponding to Temperature flashes (temperature expressed in Centigrade). If you press ADD button, temperature is expressed Fahrenheit degree ("°F" icon). Press ADD button again to go back to °C. Confirm your desired selection by pressing CONFIRM button.

## TEMPORARY SETTING



### Temporary Time Setting ("Currently")

In case you need operation during a period non included in the programmed time setting, the Weekly Timer will operate without Timer function - as a simply Remote Controller - and it will display the indication "Currently".

1. Press MODE button and select "HEAT" or "COOL" mode by pressing ADD / REDUCE buttons.

If you select "Off", the Weekly Timer will turn off.

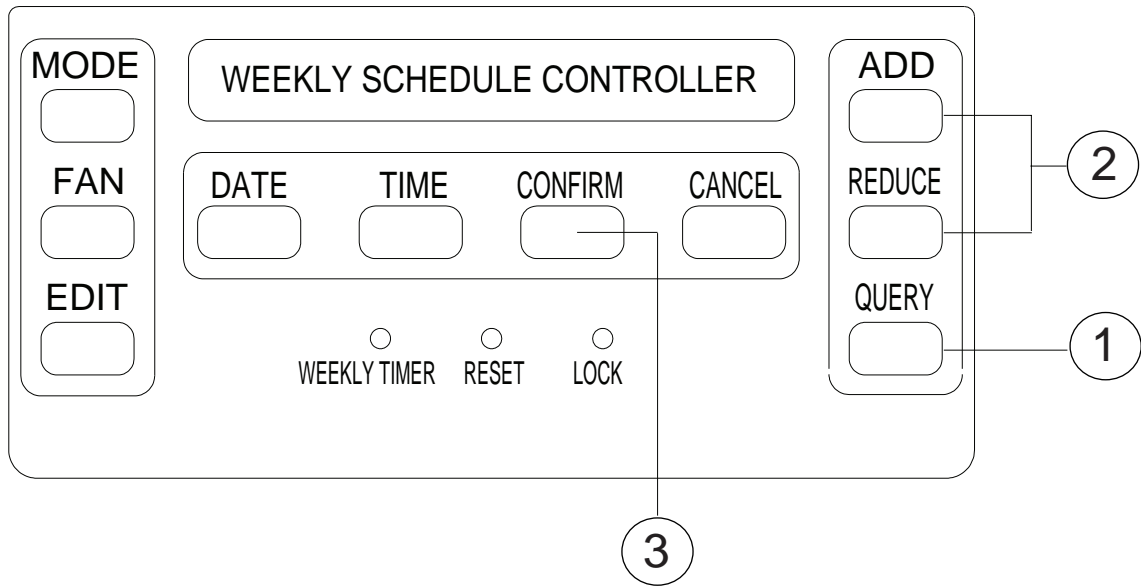
After selecting your desired Operation Mode, press CONFIRM button to complete the setting.

2. Press FAN button to select fan speed by pressing ADD / REDUCE buttons: it is possible to choose among High, Mid, Low or Auto speed. As some Models of air conditioner do not have Middle fan speed, if Middle fan speed is selected, indoor fan will run at High speed. After selecting Fan Speed, press CONFIRM button to complete the selection.

3. Press ADD & REDUCE buttons to select your desired Temperature. Press CONFIRM button to complete the setting.

To exit Temporary Time Setting, press CANCEL button.

## QUERY FUNCTION



### QUERY Function

QUERY function allows to check - and eventually to change - the different parameters of settings carried out by the Weekly Timer.

The Weekly Timer allows **8 Periods for Programmed Time Setting**.

1. Press QUERY button: the first parameter which is displayed is the *Week's Day* (Sun ~ Sat).
2. Press ADD or CONFIRM button if you would like to change the setting.
3. Press CONFIRM button to save the setting and to enter the next parameter.

There are the following parameters in sequence: after the *Week's Day*, the *Period (1 ~ 8) for Programmed Time Setting*, the Hour for Start and the Hour of Stop, the set Operation Mode (Heat, Cool), the Fan Speed (High, Middle, Low, Auto) and the set Temperature.

At each parameter, press ADD or REDUCE button to set your desired selection.

Press CONFIRM button to save the setting and enter the next parameter, until the end of the subsequent 8 Periods for Programmed Time Setting.

*To exit QUERY function:* press CANCEL button.

*To cancel QUERY function:* press RESET button.

## WEEKLY TIMER'S USAGE CONDITIONS & CONNECTION

### USAGE CONDITIONS OF DTWT - IHXR WEEKLY TIMER:

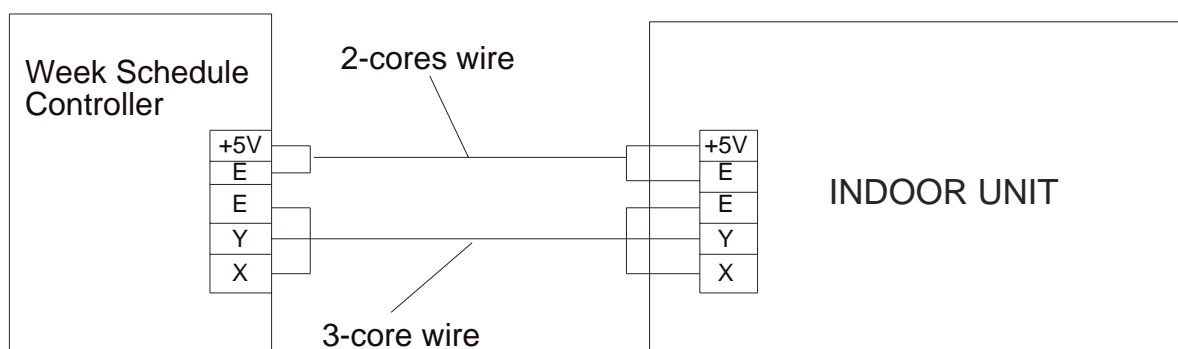
1. Power Supply: 5V DC.
2. Operation Temperature: -15°C ~ +43°C.
3. Operation Humidity: 45% - 90% RH.

### FUNCTIONS' SUMMARIZE:

Main Functions:

1. Connecting to Indoor Unit by +5V, E, X, Y, E terminal.
2. Buttons for setting action modes.
3. LCD Display.
4. TIMER for every week.

### CONNECTING METHOD:



When a Weekly Schedule Controller is needed, a small 2-core wire and 3-cores wire should be added. Connect with same color.

**EC DECLARATION OF CONFORMITY**

We **TERMAL Srl** - 14, Via della Salute - 40132 Bologna - Italy

**DECLARE**

under our sole responsibility that **HOKKAIDO** Product

**Weekly Timer**

• **DTWT - IHXR**

conforms with the following directives:

- *EMC Directive 89/336/EEC and its following 92/31 EEC by L.D. No. 476 dated Decdmbber 4th, 1992.*
- *LV Directive 73/23 EEC and applied Standards EN 60335-2-40.*

President  
Giorgio Giatti











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**Due to on-going technological development of the products by the Manufacturer, we reserve the right to vary the technical specifications at any time without notice.**