

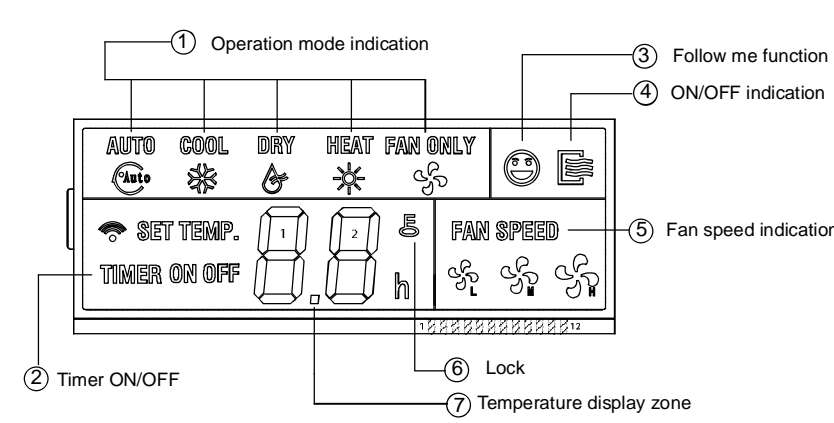
# OWNER'S MANUAL

## WIRE CONTROLLER OF AIR CONDITIONER

MODEL: KJR-12B(DP)T/E  
KJR-12B(DP)T/E(C)  
KJR-12B(DP)T/E(H)  
KJR-12B(DP)T/E  
KJR-12B(DP)T/E  
RCW5P(N)7ACEL1706

Thank you very much for purchasing our product.  
Before using your unit, please read the manual carefully and keep for future reference.

### 4. NAME AND FUNCTION OF INDICATORS ON THE CONTROLLER

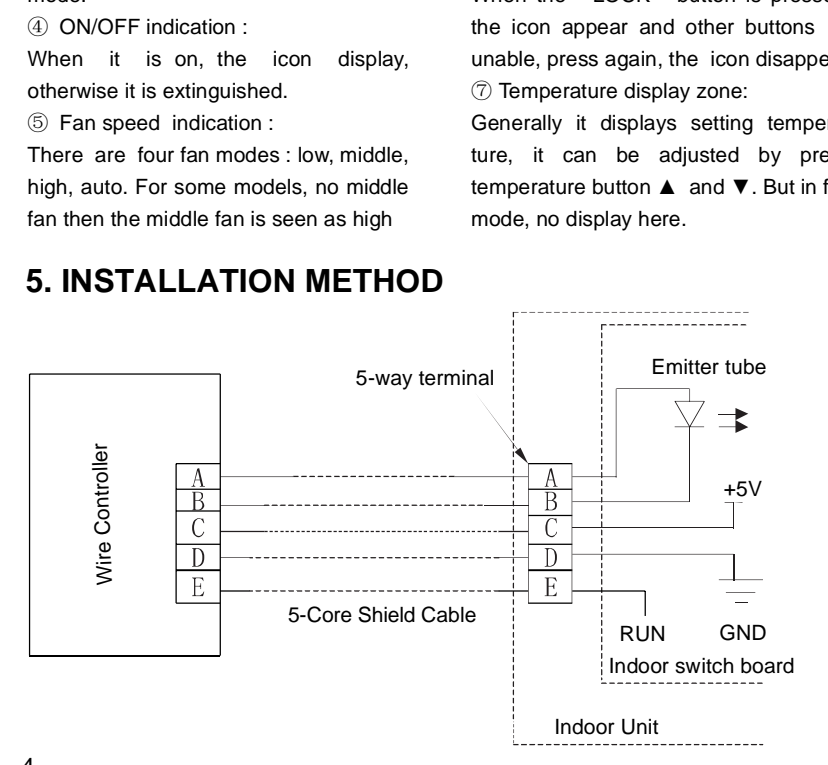


① Operation mode indicator:  
When press "MODE" button, the following mode can be selected in circle. Auto—Cool—Dry—Heat—Fan only—Auto.  
For cooling only model/heat mode is skipped.  
② Timer:  
When adjust setting on time or only on time is set, the "ON" is lighted.

③ Lock:  
When adjust setting of time or only off time is set, the "OFF" is lighted. If on and off timer are both set, the "ON" and "OFF" are both lighted.

④ Follow the function:  
There is a temperature sensor inside the wire controller, after setting temperature, it will compare the two temperatures, and the space of wire controller will be

### 5. INSTALLATION METHOD



same as setting temperature. It is available under cooling, heating, auto mode.

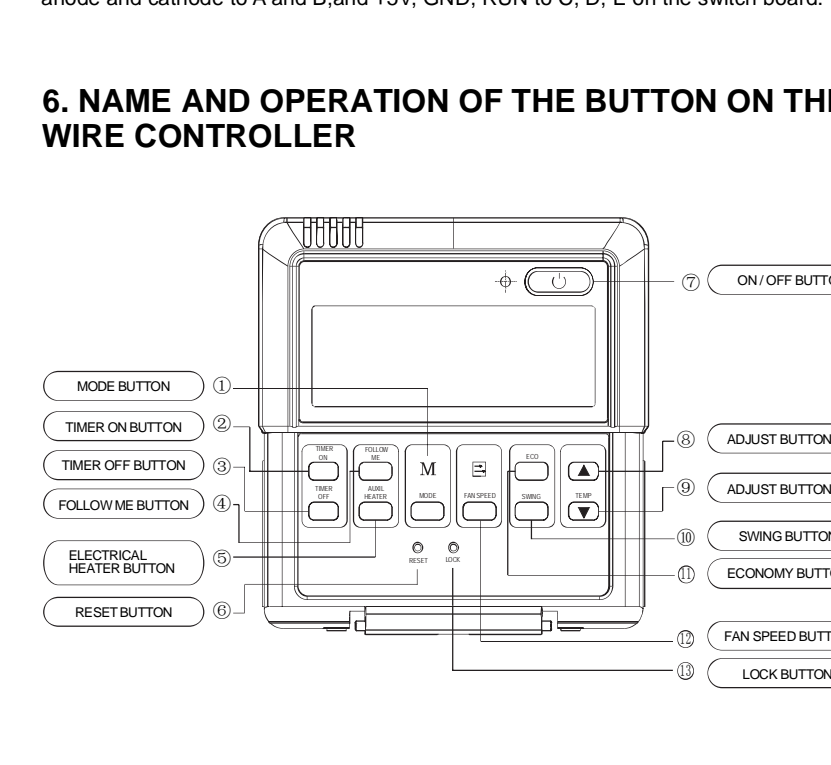
⑤ ON/OFF indication:  
When "L" is on, the icon display, otherwise it is extinguished.

⑥ Fan speed indication:  
There are four fan modes: low, middle, high, auto. For some models, no middle fan then the middle fan is seen as high speed.

⑦ Lock:  
When the "LOCK" button is pressed, the icon appear and other buttons is unable, press again, the icon disappear.

⑧ Temperature display zone:  
Generally it displays setting temperature, it can be adjusted by press temperature button ▲ and ▼. But in fan mode, no display here.

### 6. NAME AND OPERATION OF THE BUTTON ON THE WIRE CONTROLLER



When a wire controller is needed, a small 5-way terminal should be added, fix an attached similar with terminal near the receiver on the switch board. Connect its ends and outside to A, N, L, and 5V, OND, RUN, L, C, D, E on the switch board.

### 8. TECHNICAL INDICATION AND REQUIREMENT

EMC and EMI comply with the CE certification requirements.

## CONTENTS

1. SAFETY PRECAUTION	1
2. SUMMARIZE	2
3. FUNCTION SUMMARY	2
4. NAME AND FUNCTION OF INDICATORS ON THE WIRE CONTROLLER	3
5. INSTALLATION METHOD	4
6. NAME AND OPERATION OF THE BUTTON ON THE WIRE CONTROLLER	4
7. USING METHOD	8
AUTOMATIC OPERATION	8
COOL/HEATING/FAN ONLY OPERATION	8
DRY OPERATION	9
TIMER SETTING	9
TIMER ON AND TIMER OFF BOTH	9
CHANGE TIMER	10
8. TECHNICAL INDICATION AND REQUIREMENT	10

## 1. SAFETY PRECAUTIONS

The following contents are stated on the product and the operation manual, including usage, precautions against personal harm and property loss, and the methods of using the product correctly and safely. After fully understanding the following contents (identifiers and icons), read the next body and observe the following rules.

# Identifier description	
Identifier	Meaning
	Warning Means improper handling may lead to personal death or serious injury.
	Caution Means improper handling may lead to personal injury or property loss.
# Note description	
	Note Indicates forbidding. The forbidden subject-matter is indicated in the icon or by images or characters aside.
	Mandatory Indicates compulsory implementation. The compulsory subject-matter is indicated in the icon or by images or characters aside.

## Warning

	Deenergize equipment Please entrust the distributor or professionals to install the unit. The installers must have the relevant knowledge. Improper installation performed by the user without permission may cause fire, electric shock, personal injury or water leakage.
	Do not spray flammable aerosol to the wire controller directly. Otherwise, fire may occur.
	Do not operate with wet hands or let water enter the wire controller. Otherwise, electric shock may occur.

## 2. SUMMARIZE

Usage condition:  
1. Power supply: 5V DC.  
2. Operation temperature:  
-15°C (5°F) ~ +43°C (109°F).  
3. Operation humidity: 40%~90% RH.

## 3. FUNCTION SUMMARY

Main function:  
1. Connecting to indoor unit by A, B, C.  
2. Remote control.  
3. Button setting action mode.  
4. LCD display.  
5. Timer for rest time.

### 3. Press "FAN SPEED" button to select high/medium/low/auto.

4. Press "ON/OFF" button, indoor unit operation lamp on, it works in selected mode. Press "ON/OFF" button again, it stops to work.  
Remark: When in fan mode, no temperature can be set.

### DRY OPERATION

1. Press "MODE" button, select "DRY" mode.  
2. Press temperature adjust button to select setting temp.  
3. Press "ON/OFF" button, indoor unit operation lamp on, it works in dry mode. Press "ON/OFF" button again, it stops to work.  
4. In dry mode, economy operation and fan speed are ineffective.

### TIMER SETTING

Timer on only:  
1. Press "TIME ON" button, it display "SET" on LCD, and display "1H" and "ON". It is waiting for timer on setting.

### 2. Press "timer" on button repeatedly to adjust time setting.

3. If press this button and hold on, the time will increase at 0.5h, after 10h, it increase at 1h.  
4. After setting 0.5 second, the wire controller send timer off information, it is finished.

### Timer off only:

1. Press "TIME OFF" button, it display "SET" on LCD, and display "1H" and "ON". It is waiting for timer on setting.  
2. Press "TIME OFF" button repeatedly to adjust time setting.  
3. If press this button and hold on, the time will increase at 0.5h, after 10h, it increase at 1h.  
4. After setting 0.5 second, the wire controller send timer off information, it is finished.

### TIMER ON AND TIMER OFF BOTH

1. Set timer on time as the corresponding step 1 and 2.  
2. Set timer off time as the corresponding step 1 and 2.

### 3. Timer off time must be longer than timer on time.

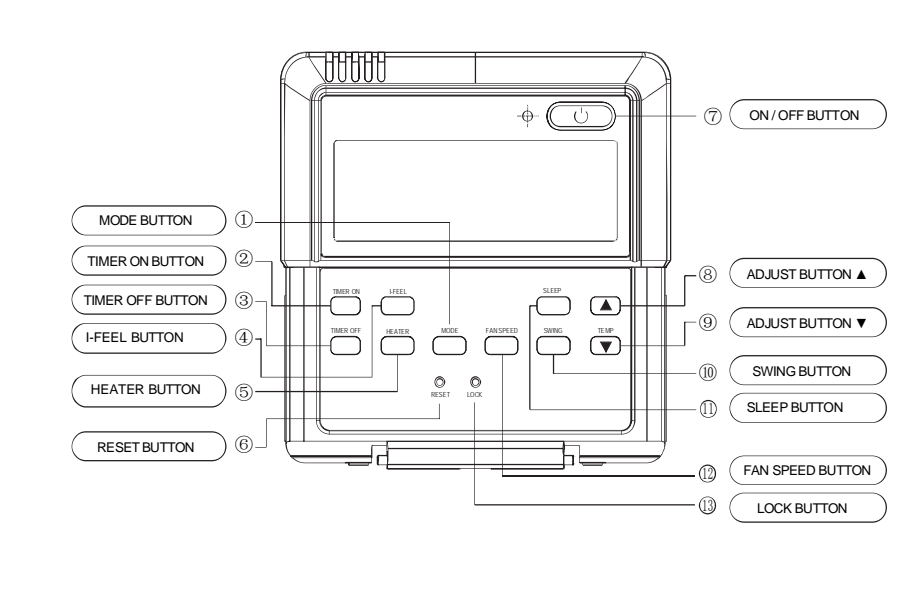
4. 0.5 second after setting, the wire controller send information the setting is finished.

### CHANGE TIMER

If there is a need of changing timer time, press corresponding button to repeat it. If cancel timer, change timer time to 0.0.

### NOTE

The timer time is relative time, that is delay after setting time (i.e. setting time is 0.5 h, so when timer is set, the standard time can not be adjusted).



NOTE  
All the pictures in this manual are for explanation purpose only. There may be slightly different from the wire controller you purchased (depend on model). The actual shape shall prevail.

### ① Mode button:

When press this button the operation mode change as the following sequence:  
Auto—Cool—Dry—Heat—Fan—Auto.  
Remark: For the cooling only mode, the heating mode is skipped.

### ② Timer on button:

Press this button, timer on function is active. Then every press, the time increase 0.5h, after 10h, 1h increase. After each press, if cancel this function, just see it to "0.0".

### ③ Time off button:

Press this button, timer off function is active. Then every press, the time increase 0.5h, after 10h, 1h increase. After each press, if cancel this function, just see it to "0.0".

### ④ Follow me button / FEEL button:

When under cool, heat and auto mode, press this button, follow me function is active. Press again, this function is ineffective.

### ⑤ Electrical heater button/heater button:

If press this button in heat mode, electrical heater function become ineffective. (Reset button/hidden).

### ⑥ Reset button/hidden:

Use a thin stick to press in the hole hole, then the current setting is canceled. The wire controller enter into original state.

### ⑦ ON/OFF button:

When in off state, press this button, the indicator is on, the wire controller enter into on state, and send setting information to indoor unit. When in on state press this button, the indicator is off, and send instruction. If timer on or timer off has been set, it cancel this setting then send instruction to stop the machine.

### ⑧ Adjust button ▲:

Set indoor temperature up, if press and hold on, it will increase at 1°C(2°F) per 0.5 second.

### ⑨ Adjust button ▼:

Set indoor temperature down, if press and hold on, it will decrease at 1°C(2°F) per 0.5 second.

### ⑩ Swing button:

First press, start swing function(second press, stop swing. (Main to some model with swing function).  
(1) Economy operation button / Sleep button:  
press this button, the indoor unit operates in economy mode, press again, exit this mode (it may be ineffective for some models).  
(2) Fan speed button:  
press this button consecutively, the fan speed will change as follow:

### (3) Lock button/hidden:

When you push the LOCK button, all current settings are locked in and the wire controller does not accept any operation except that of the LOCK button. Use the lock mode when you want to prevent setting from being changed accidentally or playfully. Push the LOCK button again when you want to cancel the LOCK mode.

### 7. USING METHOD

#### AUTOMATIC OPERATION

Connect to power indoor operation lamp.  
1. Press "MODE" button, select "AUTO" mode.  
2. Press the button "▲" and "▼", set temperature you want, generally it is among 17°C(63°F)~30°C(86°F).  
3. Press "ON/OFF" button, operation lamp is on, the air conditioner work in auto mode, indoor fan is auto, and can not be changed. Auto is displayed on LCD. Press ON/OFF button again to stop.  
4. Economy operation is valid in auto mode.

#### COOL/HEAT/FAN MODE OPERATION

1. Press "MODE" button, select "COOL", "HEAT" or "FAN ONLY" mode.  
2. Press temperature adjust button to select setting temp.