



## AIR CONDITIONING SYSTEMS

- **USER'S MANUAL**



**MODELS:**  
V4MDI-100/ U4MRT-100



Thank you very much for purchasing our air conditioner,  
Before using your air conditioner, please read this manual carefully and keep it for future reference.



- This manual gives detailed description of the precautions that should be brought to your attention during operation.
- In order to ensure correct service of the wired remote controller please read this manual carefully before using the unit.
- For convenience of future reference, keep this manual after reading it.



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# I. 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 text body and observe the following rules.



## ■ Identifier description

Identifier	Meaning
 <b>Warning</b>	Means improper handling may lead to personal death or severe injury.
 <b>Caution</b>	Means improper handling may lead to personal injury or property loss.


[Note]: 1. "Harm" means injury, burn and electric shock which need long-term treatment but need no hospitalization


2. "Property loss" means loss of properties and materials.

## ■ Icon description

Icon	Meaning
	It indicates forbidding. The forbidden subject-matter is indicated in the icon or by images or characters aside.
	It indicates compulsory implementation. The compulsory subject-matter is indicated in the icon or by images or characters aside.

## ■ Warning

 Warning	Delegate installation	Please entrust the distributor or professionals to install the unit. The installers must have the relevant know-how. Improper installation performed by the user without permission may cause fire, electric, shock, personal injury or water leakage.
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 Usage Warning	Forbid	Do not spray flammable aerosol to the wired remote controller directly. Otherwise, fire may occur.
	Forbid	Do not operate with wet hands or let water enter the wired remote controller. Otherwise, electric shock may occur.

## II. Main parameters and functions

### ● Main parameters

Table 2-1

Input voltage	DC +5V
Ambient temperature	-5~43℃
Ambient humidity	RH40%~RH90%

### ● Functions

Main functions of this wired remote controller as follows:

1. Connect with indoor unit via the four ports of A, B, C, D.
2. Set operation mode via buttons.
3. Provided with LCD display function.
4. Provided with timing function.

### III. Wired remote controller outlook

KJR-29B/BK-E、KJR-29B1/BK-E、KJR-29C/BK-E、KJR-29C1/BK-E

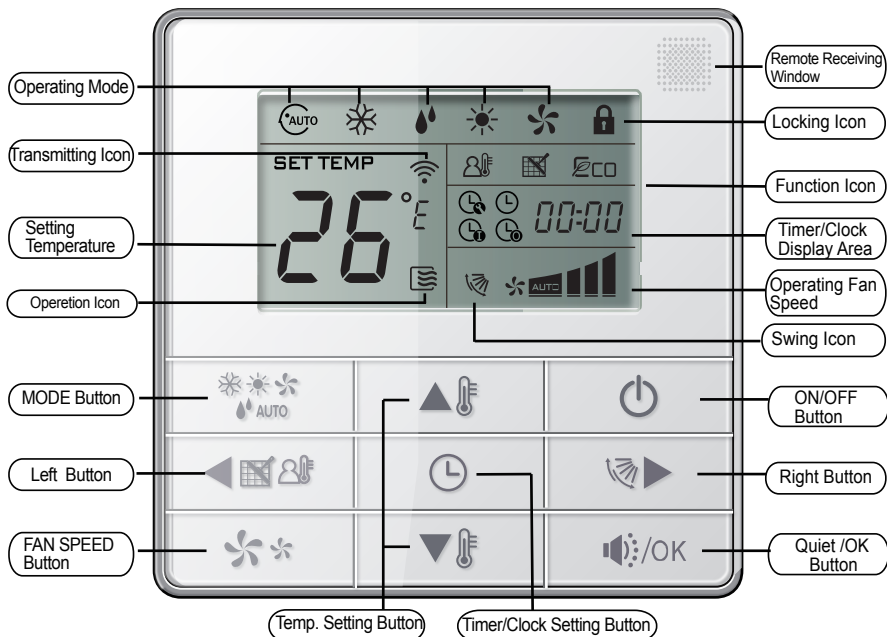


#### CAUTION

This controller has not economic operating function.



# KJR-29A/B-E、KJR-29A1/B-E



## CAUTION

This controller has not economic operating function.

## IV.Operation instructions

### ● Remote signal receiving function

The wired remote controller can be a remote signal receiving device, you can use the wireless remote controller to control the air-conditioner through the wired remote controller when the system have been powered on.




#### CAUTION


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The wired remote controller will not receive the swing controlling instruction. For the indoor unit with swinging function, you can directly use the wireless remote controller to control swinging through the display panel of the indoor unit, or use the swing button on the wired remote controller to control the indoor unit for swinging.

### ● On and Off the air-conditioner

Press the On/Off button to control the indoor unit on and off status.

When the unit is turned off, press the ON/OFF button, the unit will be turned on and the operating icon  lights up.

When the unit is turned on, press the ON/OFF button, the unit will be turned off and the operating icon  lights off.

### ● Set the operating mode

Press the mode button to set the operating mode, after each button press the operation mode will circle as follow:

AUTO→COOL→DRY→HEAT→FAN  
→AUTO

When the controller has been set to cool-only, then there is no HEAT mode.



### ● Fan speed setting

Under COOL, HEAT and FAN modes, press the fan speed button can adjust the fan speed setting.

After each fan speed button press will circle as follow:  
AUTO→LOW→MID→HIGH→AUTO.



Under AUTO and DRY modes the fan speed is not adjustable and the default fan speed is auto.







## ● Temperature setting

Under AUTO, COOL, DRY, HEAT modes, press the temperature setting buttons  and  to set the temperature, the adjusting range is 17°C ~ 30°C (or 62°F ~ 88°F).


The setting temperature cannot be adjusted under FAN mode.



## ● Timer on and Timer off setting

Press the timer/clock setting button, then enter into the timer on setting status, and the screen will display  and .

Press  and  buttons to adjust the timer. when the timer setting is less than 10 hours, each press  or  will increase or decrease 0.5 hour. When the timer setting is more than 10 hours, each press  or  will increase or decrease 1 hour, the

maximum timer setting is 24 hours.

After finish adjusting the timer on setting, press the /OK button or wait for 5 seconds to confirm and exit the timer on setting.

Under the timer on setting status, press the timer/clock setting button, then enter into the timer off setting status, and the screen will display  and .

The setting method of timer off is the same as the timer on.

Under timer setting state, set the timer on and timer off to be 0.0h can cancel timer on and timer off.



### CAUTION



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If the wired remote controller has been set timer on/ off, press the ON/OFF to turn on/ turn off the unit then the timer will be canceled simultaneously.


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## ● Clock setting


Long press the timer/clock setting button for 3 seconds, then enter into the clock setting status.


The hour position of the clock will flash, and can press  and  to adjust the hour value.

After finishing the hour setting, press left button  or right button  to switch to minute position setting, then the minute position will flash, press  and  to adjust the minute value.

After finish the clock setting, press the  button or wait for 5 seconds to confirm and exit the setting state.




## ● Quiet operation

Under COOL, HEAT, FAN modes, press the  button to set into the quiet operation, it is used to reduce the running noise through setting the fan speed to low.



Under AUTO, DRY mode, the fan speed is auto and the  button

doesn't work.

## ● Lock the wired remote controller


Press the temperature adjusting buttons  and  simultaneously, the wired remote controller enters into locking state, and the locking icon  will be lighted up.


Under the locking state, the wired remote controller will not respond to the buttons pressing and the control instruction from the wireless remote controller.

Simultaneously press the temperature adjusting buttons  and  again can cancel the locking state.

## ● Air filter cleaning reminding function

The wired remote controller records the total running time of the indoor unit, when the accumulated running time reaches the pre-setted value,

the air filter cleaning reminding icon  will be lighted up, to remind that the air filter of the indoor unit need to be cleaned.

Long press  for 3 seconds, and reset the reminding icon and the wired remote controller will re-accumulate the total running time of the indoor unit.





### CAUTION

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The default setting value of the reminding function is 2500 hours, and it can change to be 1250 hours, 5000 hours or 10000 hours. The setting methods please refer to the installation manual.


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## ● Swing Function

If the indoor unit supports swing function, press the right button  to adjust the air outlet direction of the indoor unit. Long press this button for 3 seconds can turn on or turn off the auto swing function, the swing icon  will be lighted up when the auto swing function is turned on.

## ● Smart Feel Function

When the system is running and the operating mode is AUTO, COOL or HEAT, press the  button to activate or deactivate the Smart Feel function.

When the Smart Feel function is activated, the icon  will light up, the wired remote controller will display the room temperature read from the sensor located inside the controller, and will transmit the temperature value to the indoor unit every 3 minutes.

The Smart Feel function secures that you will enjoy ideal temperatures inside the room while enjoying absolute comfort.

## **V.TECHNIQUE CERTIFICATION AND REQUIREMENT**

- **EMC should conform to the CCC certification.**

# Activate your Warranty

- Visit our web site and activate your warranty via the below link or by scanning the QR code

<https://www.inventorairconditioner.com/warranty-inventor>



- Fill all the fields as shown below

To activate the warranty card, please fill in the following fields

Owner details	Unit details
<p>Full Name*</p> <input type="text"/>	<p>Unit Type*</p> <input type="text"/>
<p>Address*</p> <input type="text"/>	<p>Serial Number of the indoor unit*</p> <input type="text"/>
<p>Postal Code*</p> <input type="text"/>	<p>Serial Number of the outdoor unit*</p> <input type="text"/>
<p>Phone Number*</p> <input type="text"/>	<p>Date of Purchase*</p> <input type="text"/>
<p>E-mail*</p> <input type="text"/>	<p>Invoice Number*</p> <input type="text"/>
<p>Subscribe to Inventor's Newsletter <input type="checkbox"/></p>	<p>Additional Details</p> <input type="text"/>

\* Required field

With the current warranty card you accept the terms and conditions.

SEND

- ☒ once the warranty submission has been completed a confirmation message will be sent to your email



## AIR CONDITIONING SYSTEMS

### DUCT TYPE



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