

7 Day Programmable Wired Controller KJR-120X

Air conditioner unit management for mini split systems



Introduction

The KJR-120X wired controller offers customizable features, specialized functions, & user-friendly design to create a unified climate management system.

- Management Convenience
- Energy-Saving
- Comfortable Experience
- Easy Installation



Operation Mode Locking

You can lock in the operation mode for the best energy efficiency.

It ensures you can control operation modes users can set, whether heating & cooling, cooling only, heating only or AUTO. Even when using this, it allows to you to change the operation mode of units by remote control.

Cooling



Cooling



Dehumidify



FAN

Heating



Heating



FAN

Cooling/Heating



Cooling



Heating



FAN



Dehumidify

Auto



Auto



Dehumidify



Heating



FAN

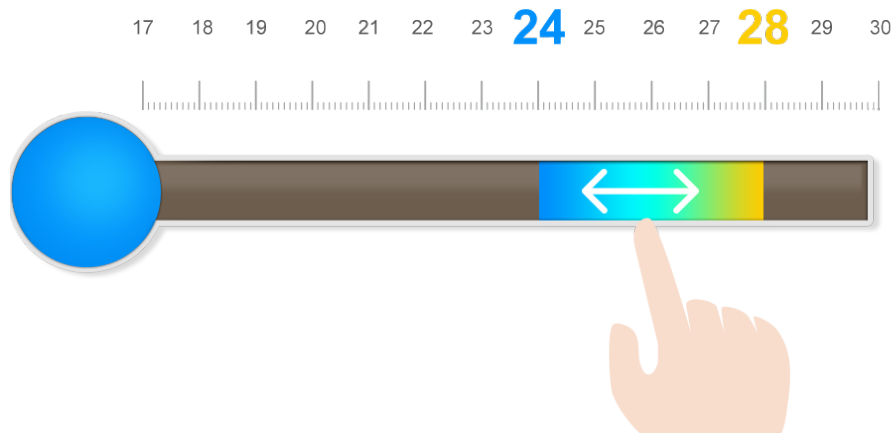


Cooling

Temperature Setting Range



It allows to restrict the available temperature setting range of wired controller, for example, 24° to 28°C. The room always remains comfortable with lowest energy consumption, which is useful in hotel, office, hospital and school. But you can still adjust cooling or heating temperature by remote control from 17° to 30° as always.



External Static Pressure Adjustment

Auto Airflow Volume Match can be initiated on 120X wired controller. This exclusive technology automatically adjusts the static air pressure of units for best comfort, installation, & convenience. This function from the 120X wired controller is much superior to manual adjustment of static air pressure (when available for compatible units).

- Only for A6 inverter duct



- Press the button of MODE and Fan SPEED together until the "AF" appears in display.



- Then press the button of MODE and the "AF" stars to flicker.



- "AF" disappears and the adjustment finishes.





Operation Information Query

The 120X wired controller can display room temp, evaporator temp, condenser temp, ambient temp & display error codes.



°C & °F interconversion

The 120X wired controller allows the interconversion the temperature display between Celsius and Fahrenheit and automatically recognizes the factory setting of units.



Individual Louver Control

It allows individually. control the every louver of super slim cassette(24K-48K) and for best comfortable experience on 120X wired controller.



Power-off Memory

120X wired controller can order the machine to restore the setting before power-off, including temperature, fan speed, operation mode, weekly timer, louver position and Follow-Me.



Remote Control Compatible

With Infrared Receiver built-in, 120X wired control can receive the signals from remote controller and realize conventional functions. Convenient and compatible.

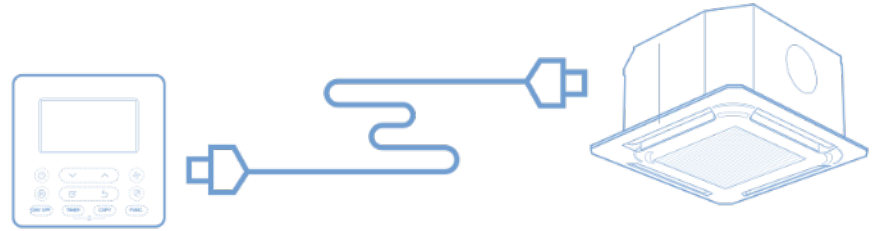


Child Lock

This function can lock the 120X wired controller and prevent erroneous or mischievous setting change. It will save energy consumption, especially in shops, restaurants and offices.

Easy Installation

120X wired controller is connected to indoor units via two wires without polarity. It simplifies the application and saves the efforts of installation installers.



- 4 Connection Holes on Back

- 25m Max. Wiring Length

4

25_M

Modern White Appearance

Simple & powerful panel design will fit in different kinds of decoration. Classic white always bring the atmosphere of peace and elegance.

- White Backlight

It shows the information in the dark clearly and in the day moderately for 15 seconds by once touch.

- Touch-to-press

The soft lines reminds of where to touch, and the soft touch gets fast response.





10 Scenario-specialized Functions

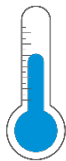
- ✓ Follow-Me
- ✓ Individual Louver Control
- ✓ Child Lock
- ✓ Mode Selection Setting
- ✓ US CLOCK
- ✓ Turbo
- ✓ Weekly Timer
- ✓ Remote Control Compatible
- ✓ Power-off Memory
- ✓ Reset Factory Default Setting
- ✓ Temp. Calibration

Follow-Me

The wired controller also realizes the Follow-Me comfort, as the remote control can do. The 120X has a temperature sensor built-in to sense its surrounding temperature. And the unit can accurately adjust the room temperature, according to the feedback from 120X, to ensure the best comfortable feeling.



Sensed Temp 26°C

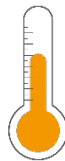


Actual Temp 26°C

With Follow-Me



Sensed Temp 26°C



Actual Temp 29°C

Without Follow-Me

(*Factory default setting with Follow me until push the cancel button

Remark: Auto-restart ,even power off and on, keep the previous setting)



| Sun | | | | | Mon | | Fri | Sat | | | |
|---------|---|---|---|---|-------|-------|-----|-------|---|---|---|
| Session | 1 | 2 | 3 | 4 | | | | 1 | 2 | 3 | 4 |
| Setting | 4 different session for 1 day Only switch on/off Setting | | | | | | | | | | |

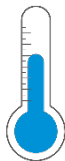
| Sun | | | | | | | | | Mon | | Fri | Sat | | | | | | | |
|---------|---|---|---|---|---|---|---|---|-------|-------|-----|-------|---|---|---|---|---|---|---|
| Session | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Setting | 8 different session for 1 day Every session can have different setting mode, temperature, fan speed, switch on/off | | | | | | | | | | | | | | | | | | |

Temp. Calibration

In cases need to precise display temperature , it may be caused with the sensor or components tolerance or other situation. The temp. available adjust from -5 °C to 5 °C.



Set Temp 26°C



Display Temp 26°C







Mode Selection Setting

The 120X wired controller can choose to set cooling mode only, heating mode only or NA(no auto mode) and cancel other relevant function.

Reset Factory Default Setting

The 120X wired controller allows to reset the factory default setting and back to the original setting.



Functions & Features

| Content | Description | 120X2(12V) 7 day programmable Wired Controller | 120X1(5V) 7 day programmable Wired Controller |
|---------------------|--------------------------|---|---|
| | Picture |  |  |
| | Compatible model | Duct, Cassette, Floor ceiling | Console/Wall mounted(Optional, need to customized from factory) |
| Basic Configuration | Infrared signal receiver | ✓ | ✓ |
| | Backlight | ✓ | ✓ |
| | Buzzer | ✓ | ✗ |
| | Touch Button | ✓ | ✓ |
| | Wiring Method | PCB CN40 | PCB CN40 + Adaptor Board |
| Basic Functions | ON/OFF | ✓ | ✓ |
| | Mode | ✓ | ✓ |
| | Temp Adjustment | ✓ | ✓ |
| | Fan speed | ✓ | ✓ |

Remark——

* **Infrared signal receiver:** The 120X wired controller only can realize existing functions, such as switch, mode, temp, fan speed, Follow-Me, turbo, swing. But it can't response other functions and the unit will not open these functions.

Functions & Features

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|--------------------|-------------------------------|---|---|
| | Picture |  |  |
| | Compatible model | Duct, Cassette, Floor ceiling | Console/Wall mounted(Optional, need to be customized from factory) |
| Extended Functions | Turbo | ✓ | ✓ |
| | Follow Me | ✓ | ✓ |
| | 24-hour System | ✓ | ✓ |
| | US CLOCK (12-hour System) | ✓ | ✓ |
| | Weekly Timer | ✓ | ✓ |
| | 0-24h/12h Timer ON/OFF | ✓ | ✓ |
| | Auto-restart | ✓ | ✓ |
| | Individual louver control | ✓ | ✓ |
| | Automatic airflow test | ✓ | ✓ |
| | Child Lock | ✓ | ✓ |
| | Temp. Calibration | ✓ | ✓ |
| | Mode Selection Setting | ✓ | ✓ |
| | Reset factory default setting | ✓ | ✓ |
| Project Mode | Setting Temp Limit | ✓ | ✓ |

Remark—

* **Follow Me:** Use the Follow-Me function on remote control after turn off this function on wired controller. The Follow-Me on wired controller should be turned off by wired controller, not by remote control.

* **Individual louver control:** Only for Cassette.

* **Setting Temp Limit:** Only lock the temp setting range of 120X wired controller, not the machine itself. The remote control can adjust the temp from 17° C to 30° C.

