

M Series Three-in-One Intelligent Temperature Control Panel

User Manual

KTEX8W-M



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Safety instructions

- Before installation, please read user manual carefully and observe relevant standards, directives, regulations and instructions.
- Electrical equipment must be installed and programmed by qualified technicians only.
- This device is manufactured according to the relevant technical specifications and have CE.
- For more information of this product, please contact the technical engineer of manufacturer.
- Users are not permitted to alter and maintain the product without the authorization of manufacturer.
- Failure to observe the instructions may cause damage to the device and result in fire or other hazards.

Product Overview

The "M series" three-in-one intelligent temperature control panel is a control panel for the KNX system. It has a built-in temperature sensor that can detect the ambient temperature and output the temperature as a standard KNX signal. It can perform functions such as turning on/off, adjusting the wind speed, switching the mode, and setting the temperature for air conditioners, underfloor heating, and fresh air systems. It can control systems such as fan coil air conditioners, central air conditioners, underfloor heating, and fresh air systems. At the same time, it can read the external temperature, humidity, dew point temperature, carbon dioxide, PM2.5, and TVOC and display them on the panel.

The "M series" three-in-one intelligent temperature control panel KTEX8W-M is installed in an embedded manner and can be installed in a standard national 86 bottom box.

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Product Features

- It has a built-in temperature sensor.
- It can control various air conditioning/underfloor heating/fresh air systems.
- It can adjust the air conditioning wind speed.
- It can switch the air conditioning mode.
- It can set the temperature of the air conditioning/underfloor heating.
- It can adjust the fresh air wind speed.
- It can display the external temperature.
- It can display the dew point temperature.
- It can display the humidity.
- It can display the carbon dioxide concentration.
- It can display the PM2.5 value.
- It can display the TVOC value.
- It is programmed and debugged using ETS3/4/5.

Installation instructions

1. Fix the iron plate to the bottom box according to the text and direction markings on the fixing iron plate.
2. Connect the KNX bus terminal.
3. Place the intelligent panel inside the bottom box and fasten it tightly with the fixing iron plate to complete the installation.

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Programming instructions

1. Select the corresponding product database and import it into ETS3/4/5.
2. Add the device to the project created in ETS3/4/5.
3. Press the programming button on the device, and download the physical address via ETS3/4/5. After the download is completed, the red LED indicator will turn off.
4. Open the device database. After setting the parameters and associating the corresponding group objects, perform the application download.
5. After changing the physical address of the device, repeat "Step 3".
5. After modifying the parameter settings or re - associating the "group objects", repeat "Step 4" to implement new functions.

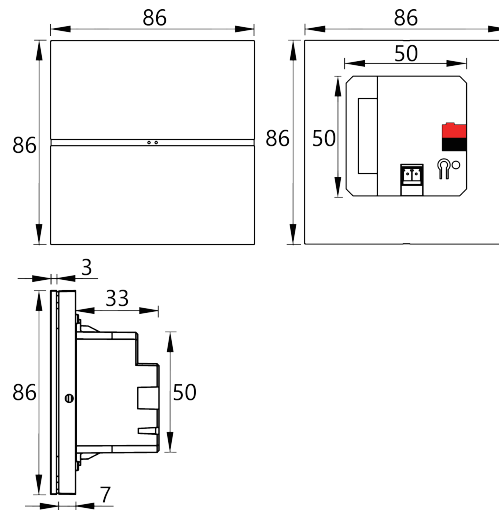
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Product parameters

Parameter	Types	KTEX8W-M
Power		
Power Supply		24V DC
Transmission medium		KNX TP
Product Info		
Dimensions (WxHxT)		86mm×86mm×45mm
Number of buttons		8
Number of indicator lights		8
Coupler		Embedded coupler
Installation method		Embedded 86-type mounting junction box
Type of protection		IP20
Operation		0°C~70°C
Storage		-25°C~70°C
Programming mode		S mode

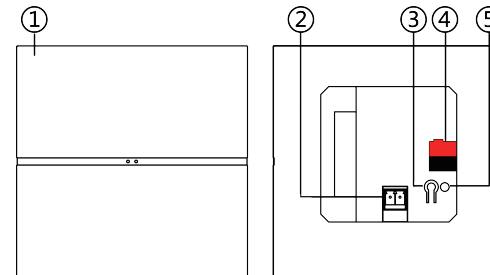
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Product dimensions



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Operating instructions



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Operating instructions

- ① Operation area: The controlled device can be controlled by pressing the buttons.
- ② Power supply interface: Use a DC 24V wide voltage power supply.
- ③ Programming button: After pressing it, the physical address of the device can be programmed.
- ④ KNX bus terminal: Connect to the KNX system.
- ⑤ KNX programming button indicator light: After pressing the programming button, this indicator light will show red. After the physical address is successfully downloaded, it will automatically turn off. This indicator light can also be turned on/off through the ETS software. The programming mode can also be triggered by pressing the combination of buttons. Press the "+" button and the power on/off button simultaneously for three seconds, and the indicator light will be in a flashing state.

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Shanghai Kanontec Electronic Technology Co., Ltd
Room 501, Building 12B, No.1288, Luoning Road
Baoshan District, Shanghai
<http://www.kanontec.com>
E: support@kanontec.com
T: +86-21-56468387