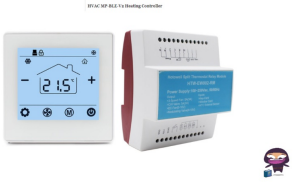


HVAC MP-BLE-V2 Heating Controller Instructions

Contents

HVAC

HVAC MP-BLE-V2 Heating Controller

Specifications

- Heating controller discharge voltage: 7.4V
- Standard charging power supply: 5V/2A (recommended)
- Heating controller charging current: 2A
- Sleep power consumption (connected to the battery after shutdown): 7uA
- Output power consumption: maximum peak 1.35A (according to the external connected heating element mode determined)

General Operations
In the standby state

1. Short press the power button to check remaining power (4 LED lights, each representing 25% power).
2. Double-click the power button to enter Bluetooth pairing mode.

Bluetooth Connection:2
After connecting the Bluetooth device:

- All 4 LED lights will be on, indicating successful Bluetooth connection.
- If Bluetooth connection fails within 30 seconds, LED lights will automatically turn off.

FAQ:
Q: What type of plug is used for charging?
A: The product uses a TYPE-C plug for charging, which is inserted into the USB port.

MP-BLE-V2 Heating controller instruction

Instruction

The following operations are valid regardless of whether the USB port is connected to the load, and are not valid when charging:
In the standby state, short press the power button, and the LED light shows the remaining power (4 LED lights, each light represents 25% of the power).

The following operations are valid regardless of whether the USB port is connected to the load, and are valid when charging:

1. In the standby stage, double-click the power button to enter the Bluetooth pairing mode. At this time the 4 LED lights are in a group of two, beating around and flashing.
2. After connecting the Bluetooth device, the 4 LED lights are all on, indicating that the Bluetooth connection is successful.
3. if the Bluetooth connection is not successful within 30 seconds, the LED lights will be automatically extinguished.

The following operations are valid only when the USB port is connected to the load, not when charging:

1. in the standby state, often press the power button 3S to enter the heating mode, the default setting is Mode 1 and the LED 1 light will on.
2. after entering the heating mode, short press the power button to switch the heating mode in the following order:

Mode 1 (LED1 ON) → (short press) → Mode 2 (LED2 ON) →(short press)→ Mode 3 (LED3 ON) (short press) →Mode 4 (LED4 ON) (short press)→Mode 1 (LED1 ON)…… .Circulate in this order.

3. in any heating mode, long press the power button for 3S, heating controller turn off.
4. After Bluetooth connected, it can send specific instructions through the APP to perform the following actions:
    1. Start output heating
    2. Turn off output heating
    3. Switch the heating mode

Parameters

1. Heating controller discharge voltage: 7.4V
2. Standard charging power supply 5V/2A (recommended)
3. Heating controller charging current: 2A
4. Sleep power consumption (connected to the battery after shutdown) : 7uA
5. output power consumption: maximum peak 1.35A (according to the external connected heating element mode determined)

Charging
The charging power socket and the socket connected to the load are the same USB port, and use the TYPE-C plug to plug into the USB port for charging.

FCC statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions

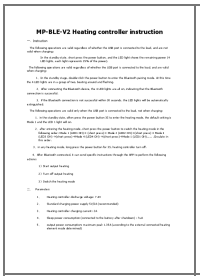
1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Documents / Resources

	**HVAC MP-BLE-V2 Heating Controller** [pdf] Instructions MP-BLE-V2, 2AYT6-MP-BLE-V2, 2AYT6MPBLEV2, MP-BLE-V2 Heating Controller, MP-BLE-V2 , MP-BLE-V2 Controller, Heating Controller, Controller

References

- **User Manual**