

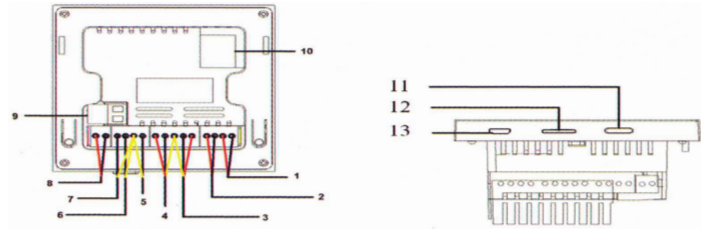
# Smart Touch Control Panel

Installation and User Manual



Please make sure to turn off the main power switch before installation.

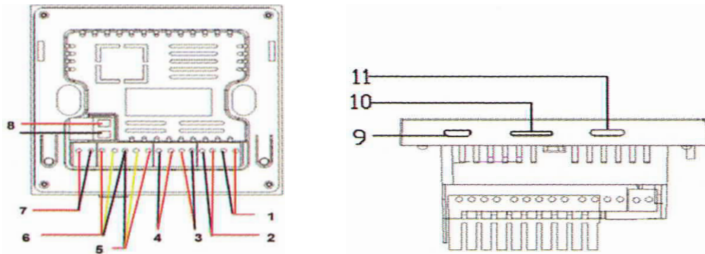
## 2-way amplifier External Interface Diagram



### External Interface

- 1, 2. Speaker: speaker cable (200 cores), RVH2X100, RVH2X200 connected to SPK R+ and SPK R-.
3. Audio output: audio cable (three-core shielded cable, commonly known as microphone cable), RVVP2X0.5, RVVP2X0.75, connect to OUT R + OUT L + GND, can be connected to other amplifier.
4. Audio input: audio cable (three-core shielded line, commonly known as microphone line), RVVP2X0.5, RVVP2X0.75, connect AUX L + AUX R + GND.
5. Trigger doorbell: connect GND + DB to trigger the doorbell.
6. Spare
7. Spare
8. RS485 interface (optional): 485 cable, connected to 485A + 485B + GND.
9. Power supply terminal: connect AC 90V-240V power supply.
10. Ethernet
11. On/off key: long press 3-5 seconds to shut down
12. TF card interface
13. USB: external USB interface

## 4-way amplifier External Interface Diagram



### External Interface

- 1, 2, 3, 4. Speaker: speaker cable (200 cores), RVH2X100, RVH2X200 connected to SPK R+ and SPK R-.
5. Audio output: audio cable (three-core shielded cable, commonly known as microphone cable), RVVP2X0.5, RVVP2X0.75, connect to OUT R + OUT L + GND, can be connected to other amplifier.
6. Audio input: audio cable (three-core shielded line, commonly known as microphone line), RVVP2X0.5, RVVP2X0.75, connect AUX L + AUX R + GND.
7. Trigger doorbell: connect GND + DB to trigger the doorbell.
8. Power supply terminal: connect AC 90V-240V power supply.
9. USB: external USB interface
10. TF card interface
11. On/off key: long press 3-5 seconds to shut down

## Parameters

Power Input	AC 90V-240V	Bluetooth Audio	Supported
Output Power	2/4 × (10-25W)	Wi-Fi Audio Push	Supported
Output Impedance	4-8 Ω	CPU	Quad-core Cortex 1.5G
Total Harmonic Distortion	0.03% (1W, 1KHz)	Operating System	Android 11
Frequency Response	20Hz-20KHz	Display	4-inch
Signal-to-Noise Ratio	98dB	Resolution	480×480 (IPS full view)
Audio Input (AUX)	1	System Memory	1 GB
Audio Output	1	Storage	8 GB
IoT	Tuya (optional function)	Wire Box Opening Size	75×75×50 mm
Wi-Fi	Supported	Dimensions	86×86×10 mm

## Accessories

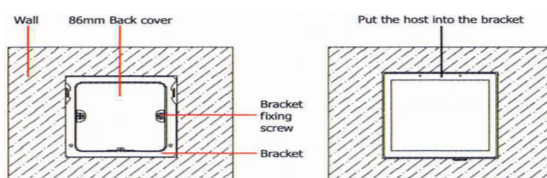
- Bottom box ×1
- User manual ×1
- Mounting bracket ×1
- Fixing screws ×2

## Function Introduction

1. Supports Tuya app QR code binding (connect to network first). Confirm with buyer when purchasing.
2. Cortex 1.5G quad-core CPU with 4-inch multi-touch capacitive screen and 480×480 IPS HD display.
3. Runs on Android 11 system.
4. Supports external Bluetooth devices (e.g., mobile phones) for audio playback with two-way control. Bluetooth can be turned on or off.
5. Supports audio input function.
6. Supports audio output function.
7. Supports TF card and USB 2.0 interface (USB can connect to hard disk).
8. Supports TF card firmware.

## Installation Instructions

1. Pre-embed the attached 86mm back cover. Back cover depth is 57mm.
2. Fix and tighten the bracket on the 86 cassette using bracket screws.
3. Connect wires inside the back cover to the corresponding terminals on the device. Insert terminals into the binding post. Place the device into the bracket and push down to secure it.



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