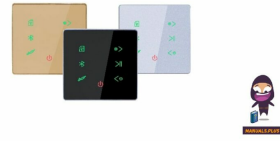**Manuals+** — User Manuals Simplified.

SURPASS PW215H Smart Music Controller

SURPASS PW215H Smart Music Controller User Manual

Contents

SURPASS

SURPASS PW215H Smart Music Controller

Product Information

Specifications

- Input Voltage: AC90-250V
- Back Cover Dimensions: 86mm x 86mm
- Back Cover Depth: 57mm

Product Usage Instructions

1. **Pre-embedding the Back Cover**

   To begin, pre-embed the attached 86mm back cover into the desired location on the wall.

2. **Attaching the Bracket**

   Tighten the bracket with the bracket screw provided on the back cover. Ensure that the bracket is securely fastened.

3. **Connecting the Wires**

   Inside the back cover, locate the wire corresponding to the desired function terminal on the host device. Tighten this wire to the respective function terminal on the host device.

4. **Inserting the Terminal**

   Once the wire is securely connected, insert the terminal into the terminal post on the back cover. Ensure a firm and stable connection.

5. **Mounting the Host Device**

   Place the host device into the bracket and push it down until it is firmly seated.

Frequently Asked Questions (FAQ)

- Q: What is the input voltage range for this product?
- A: The input voltage range is AC90-250V.
- Q: What are the dimensions of the back cover?
- A: The back cover measures 86mm x 86mm with a depth of 57mm.
- Q: How do I ensure a secure connection between the wire and the function terminal?

- A: Make sure to tighten the wire securely to the corresponding function terminal on the host device.
- Q: How do I mount the host device onto the bracket?
- A: Simply insert the host device into the bracket and push it down until it is firmly seated.

Precautions

1. This host is suitable for AC90-250 power supply, please install and debug under theguidance of professionals.
2. Please read this manual carefully and follow the installation instructions strictly.
3. Please check the binding posts carefully for speaker cables, power cables, and audioinput cables.
4. Make sure that all connecting lines are accurate before turning on the computer.
5. Please do not modify, dismantle, repair or upgrade the host by yourself.
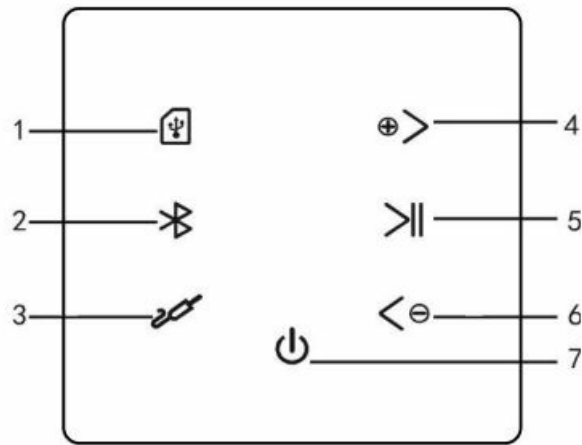6. When not using the main unit for a long time, please turn off the main power switch.

Technical Parameters

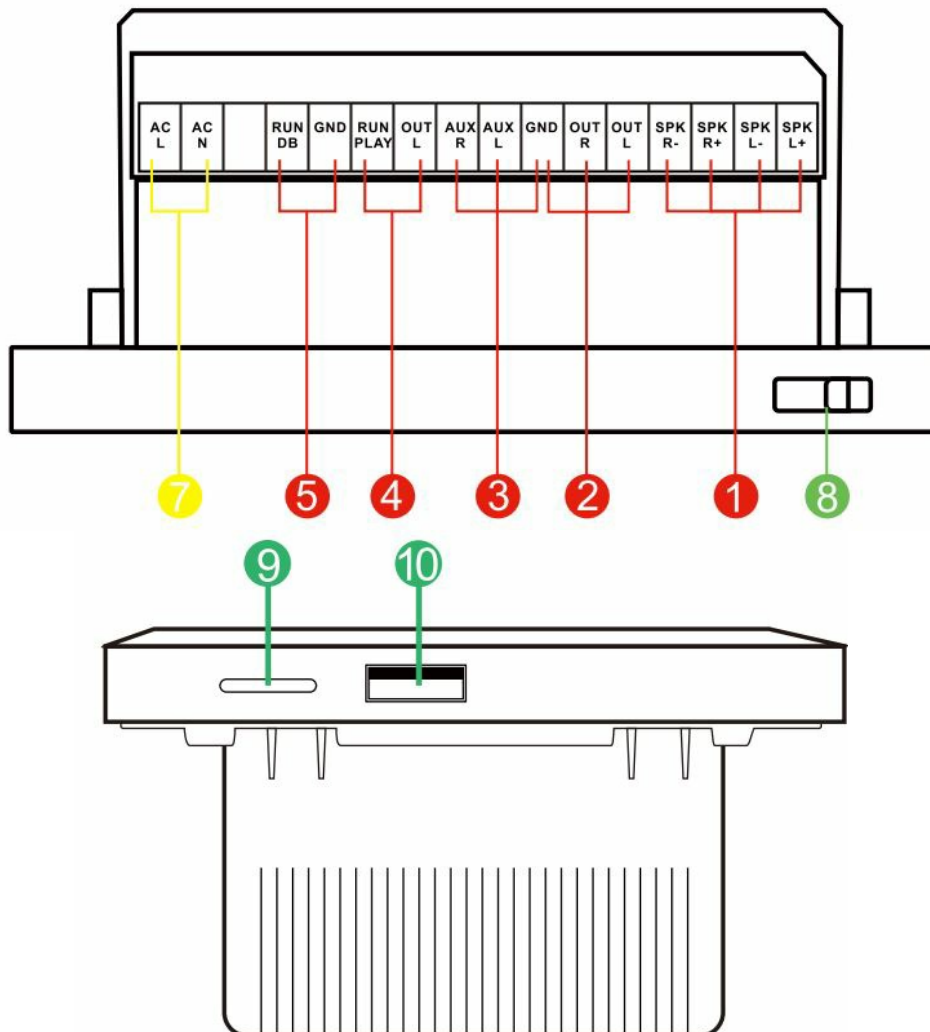| Power Supply	AC 90V-250V/50Hz-60Hz	Load	4-8Ω
Output Power	2x15W	Audio Signal to Noise Ratio	≥98dB
Frequency Range	87.5-108MHz	Infrared Remote Control Distance	8 to 10 meters
Bluetooth Distance	8 to 10 meters	Dimension	86*86*52mm
The company continuously improves product performance, and design specifications are subject to change without notice.			

Functions Description

1. Audio format: support MP3, WAV, APE and other audio formats.
2. Bluetooth function: support pairing of mobile phones and other external Bluetooth devices to achieve audio playback.
3. External sound input: Support external sound source input to this machine, amplified output.
4. Memory card function: externally inserted TF card, maximum support 32GB TF card.
5. U disk storage function: plug-in U disk, maximum support 32GB U disk.
6. Volume adjustment: 15-level electronic volume adjustment function.
7. Power-off memory function: remember the state of playing before the last power-off.
8. Infrared remote control function: provide various shortcut keys and humanized operation.
9. 485: Support the central control device to communicate with the host through 485. (optional)
10. Support power-on playback.
11. Support Bluetooth name and password modification.
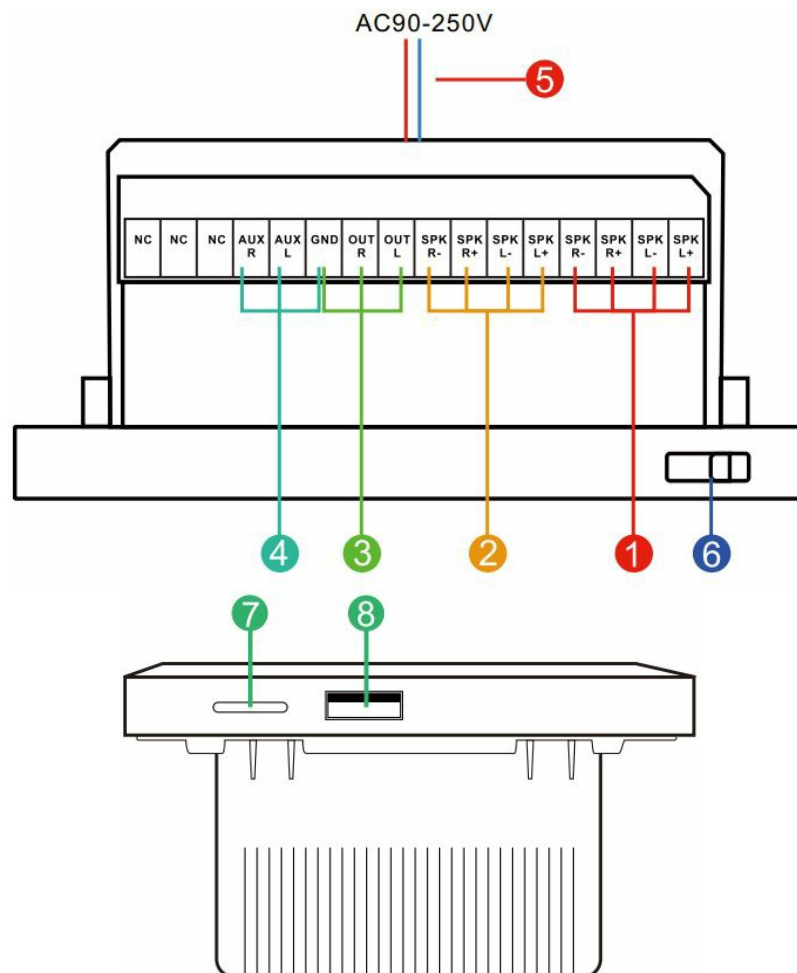
Operating Instructions For Host Functions

1. Play music from TF card or U disk

2. Bluetooth playback

3. AUX External audio source input playback

4. Short press to previous song, long press to volume increase

5. Play/Pause

6. Short press a song, long press to decrease volume

7. Power switch

External Interface Description 2-Channel

1. SPK L+ + SPK L-: One Speakers: Speaker wire (200 cores). RVH2X100, RVH2X200 SPK R+ + SPK R-: One Speakers: Speaker wire (200 cores). RVH2X100, RVH2X200

2. OUT R + OUT L + GND: audio output wire: Audio wire (three core shielded wire: commonly known as microphone wire). RVVP2X0.5, RVVP2X0.75

3. AUX L + AUX R + GND: audio input wire: Audio wire (three core shielded wire: commonly known as microphone wire). RVVP2X0.5, RVVP2X0.75

4. RUN PLAY +GND: triger to play

5. DB: trigger doorbell control line, two strands of copper core wire, single strand copper core over 0.75 square.

6. Power Supply Terminal: Compatible AC90-250V power supply, power cable with two strands of copper core wire, single strand copper core over 0.75mm'

7. Power Switch: turn left to power ON and turn right to power OFF.

8. TF Card: up to 32GB

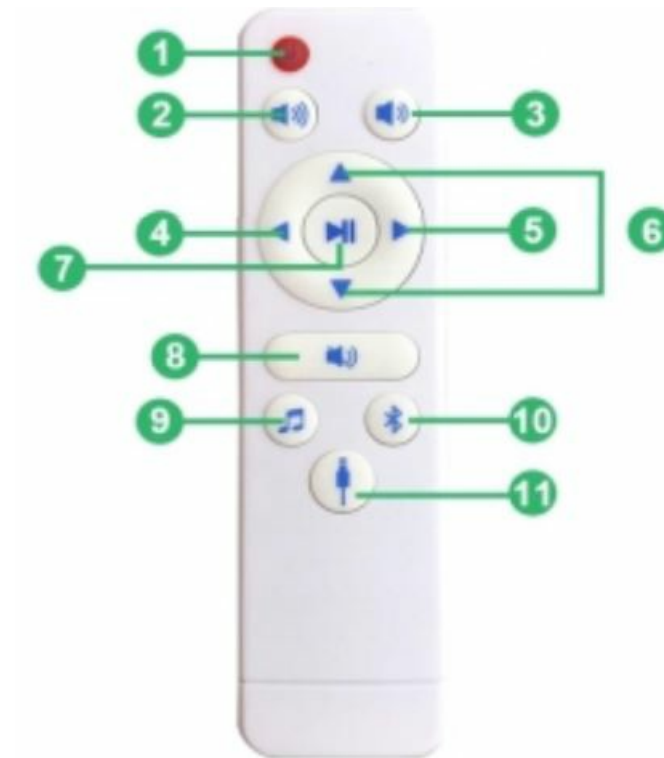9. USB port: USB disk up to 32GB

External Interface Description 4Channel

- SPK L+ +SPK L-: One Speakers: Speaker wire(200 cores).RVH2X100,RVH2X200SPK R+ + SPK R-: One Speakers: Speaker wire(200cores).RVH2X100, RVH2X200

- OUT R + OUT L + GND: audio output wire: Audio wire (three core shieldedwire: commonly known as microphone wire).RVVP2X0.5RVVP2X0.75

- AUXL + AUX R + GND: audio input wire: Audio wire (three core shielded wirecommonly known as microphone wire).RVVP2X0.5RVVP2X0.75

- Power Supply Terminal: Compatible AC90-250V power supply, power cablewithtwo strands of copper core wire, single strand copper core over 0.75mm?|
- Power Switch: turn left to power ON and turn right to power OFF.
- TF Card: up to 32GB
- USB port: USB disk up to 32GB

Remote Control Function Description
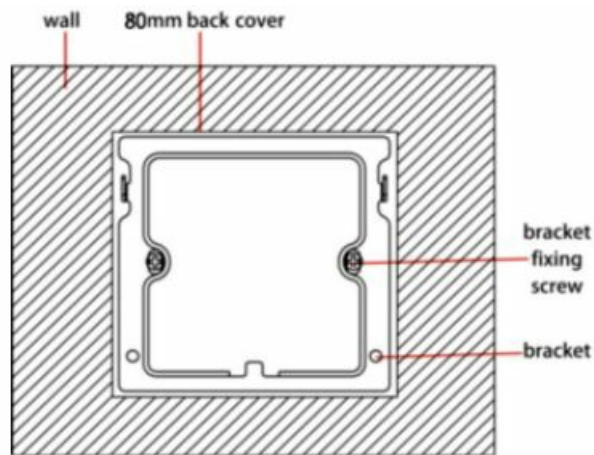

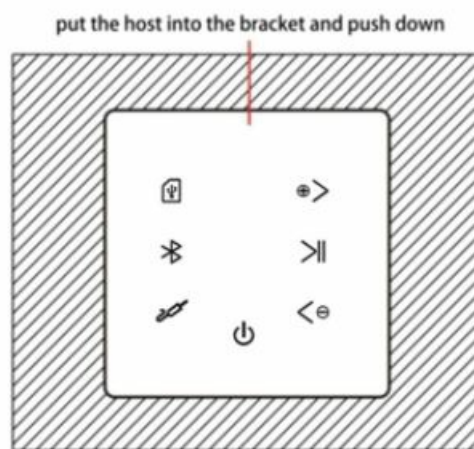## Installation Instructions

Figure 1

Figure 2

- Pre-embed attached 86mm back cover. Back cover depth is 57mm.
- Tighten the bracket with the bracket screw on the back cover.
- Tighten the wire inside the back cover to the corresponding function terminal on the host. Then insert the terminal into the terminal post. Then put the host into the bracket and push down.

FAULT ELIMINATION METHODS

FAULT	REASON AND ELIMINATION METHODS
Turn on failure	1. Check if power wire is installed correctly. 2. Check if power switch is turned on.
No sound	1. Check if speaker wire is installed correctly. 2. Check if mute is set.
T card / U disk abnormal playback	1. T card / U disk are unreadable. Change them to re-read. 2. Check if song format is correct.
Failure connection to bluetooth	1. Check if the host is connected to other device. 2. Check if searching for bluetooth device is opened on the mobile phone.
Poor FM station received or others	1. The length of the radio signal antenna cannot be less than 2 meters. 2. The direction of the radio signal antenna is not the best direction. (Better put the radio signal antenna near outdoor) 3. During FM playback, you need to press shutdown key twice to shut down. (Press first time to bright screen. Press second time to shut down)
System halted	1. Turn off the power switch and restart. 2. Press the reset key to reset.
Remote control is not sensitive	1. The battery of the remote control is out of power. Please replace the battery. 2. Shorten the remote control distance, reduce the remote control angle and avoid obstacles.

Please read this user manual carefully before use the device and keep the manual properly.

Note: Appearance of the device and main interface of system are for reference only. Please refer to the actual product for details. Our company continuously improves product performance, and design specifications are subject to change without notice.

Documents / Resources

SURPASS PW215H Smart Music Controller [pdf] User Manual
PW215H Smart Music Controller, PW215H, Smart Music Controller, Music Controller, Controller

References

- **User Manual**