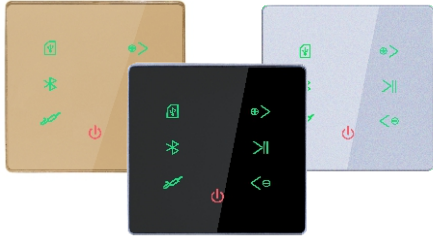


Smart Music Controller

User Manual



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.

Precautions

1. This host is suitable for AC90V-250V power supply, please install and debug under the guidance 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 audio input 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.

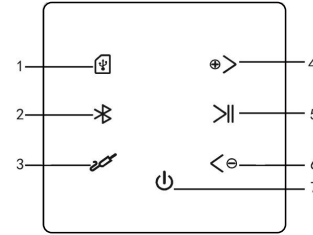
Technical Parameters

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

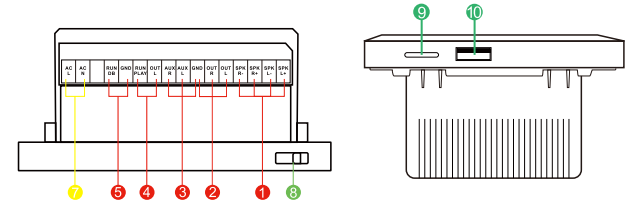
1. Audio format: support MP3, WAV, APE and other audio formats.
2. Bluetooth function: support pairing of mobile phones and other external Bluetooth devices to achieve audio playback.
3. External sound input: Support external sound source input to this machine, amplified output.
4. Memory card function: 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.
10. 485: Support the central control device to communicate with the host through 485.(optional)
11. Support power-on playback.
12. 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

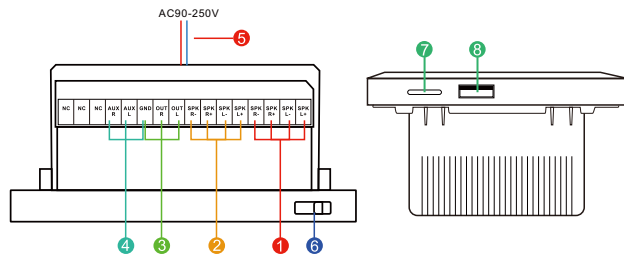
External Interface Description - 2Channel



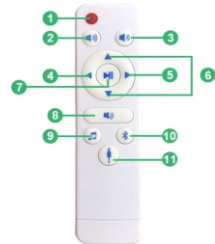
1. SPK L+ + SPK L-: One Speakers: Speaker wire (200 cores). RVH2X100, RVH2X200
2. SPK R+ + SPK R-: One Speakers: Speaker wire (200 cores). RVH2X100, RVH2X200
3. OUT R + OUT L + GND: audio output wire: Audio wire (three core shielded wire: commonly known as microphone wire). RVVP2X0.5, RVVP2X0.75
4. AUX L + AUX R + GND: audio input wire: Audio wire (three core shielded wire: commonly known as microphone wire). RVVP2X0.5, RVVP2X0.75
5. RUN PLAY+GND: trigger to play
6. DB: trigger doorbell control line, two strands of copper core wire, single strand copper core over 0.75 square.
7. Power Supply Terminal: Compatible AC90-250V power supply, power cable with two strands of copper core wire, single strand copper core over 0.75mm²
8. Power Switch: turn left to power ON and turn right to power OFF.
9. TF Card: up to 32GB
10. USB port: USB disk up to 32GB

External Interface Description - 4Channel

- 1,2.SPK L+ +SPK L-: One Speakers: Speaker wire(200 cores).RVH2X100,RVH2X200SPK R+ + SPK R-: One Speakers: Speaker wire(200cores).RVH2X100, RVH2X200
- 3.OUT R + OUT L + GND: audio output wire: Audio wire (three core shieldedwire:commonly known as microphone wire).RVVP2X0.5RVVP2X0.75
- 4.AUXL + AUX R + GND: audio input wire: Audio wire (three core shielded wirecommonly known as microphone wire).RVVP2X0.5RVVP2X0.75
5. Power Supply Terminal: Compatible AC90-250V power supply, power cablewithtwo strands of copper core wire, single strand copper core over 0.75mm²
6. Power Switch: turn left to power ON and turn right to power OFF.
- 7.TF Card: up to 32GB
- 8.USB port: USB disk up to 32GB



Remote Control Function Description



1. Power key: on/off.
2. Volume +
3. Volume -
4. Previous song
5. Next song
6. AUX
7. Pause/Play
8. Mute
9. USB Music
10. Bluetooth
11. AUX Audio Input

Installation Instructions

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.

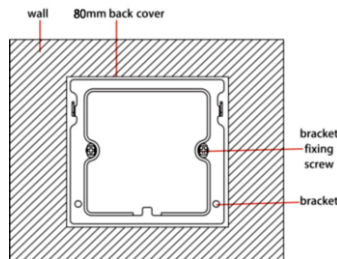


Figure 1

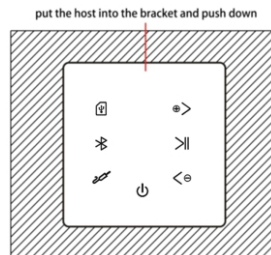


Figure 2

FAULT ELIMINATION METHODS

FAULT	REASON AND ELIMINATION METHODS
Turn on failure	<ol style="list-style-type: none"> 1. Check if power wire is installed correctly. 2. Check if power switch is turned on.
No sound	<ol style="list-style-type: none"> 1. Check if speaker wire is installed correctly. 2. Check if mute is set.
T card / U disk abnormal playback	<ol style="list-style-type: none"> 1. T card / U disk are unreadable. Change them to re-read. 2. Check if song format is correct.
Failure connection to bluetooth	<ol style="list-style-type: none"> 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	<ol style="list-style-type: none"> 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	<ol style="list-style-type: none"> 1. Turn off the power switch and restart. 2. Press the reset key to reset.
Remote control is not sensitive	<ol style="list-style-type: none"> 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.