

Smart Music Controller

User Manual



SP-PW215F

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. The company continuously improves product performance, and design specifications are subject to change without notice.

Web.: www.surpass-audio.com Email: info@surpass-audio.com

Precautions

1. This host is suitable for AC90-250 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

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Functions Description

1. Music

After inserting the TF memory card or U disk, click the music icon and press OK to enter the local music playback mode. On the local music interface, you can select song playback, previous song, next song, playback pause, volume size and other functions through the song list. Audio format: support MP3, WAV, WMA, FLAC, APE, DTS, AAC, AC3, OGG and other audio formats, support LRC lyrics display.

2. Movies

After inserting the TF memory card or U disk, click the movie and press OK to enter the local video mode. In the local video interface, you can select video playback, previous song, next song, playback pause, volume size and other functions through the video list. Video format: support MPEG-1/2/3/4, RM/RMVB, WMV, MOV, MK, VOB, AVI, 3GP, H.264 and other video formats.

3. Bluetooth

Click on the Bluetooth icon to enter Bluetooth mode. Mobile phones and other Bluetooth devices search for the BGM_000 name, pairing password 1234, and connect to this device. When connect successful, the device will send out a prompt tone for successful connection. Connect to the BT function to pass the audio from mobile phone and other Bluetooth devices by Bluetooth transmission to the device for audio playback.

4. FM Radio

Click the icon of the Radio to enter the FM radio mode, click previous key or next key manually search for radio channels.

5. AUX

Connect audio equipment such as TV to this device by audio cables, click AUX icon to enter AUX mode, connect audio output terminals of TV then the audio signal transfer to this device's speakers.

6. Clock and Time calendar

Clock and calendar display function. Click clock icon to enter time display interface.

7. Folder

Click folder icon to enter into folder interface, can view the folders of TF card and U disk.

7. Setting

Default Admin Password 0000, user can change it.

a. Language: Switch between Chinese and English system language, the default English system.

b. Backlight Off: Screensaver setting: 15 seconds, 30 seconds, 45 seconds, 60 seconds, 90 seconds, disable.

c. Backlight: Display brightness setting: level 1-10 (the larger the brighter).

d. AutoPlayMusic: music play automatically after booting, on/off setting. Both using remote control to boot, and using on/off switch of this device to boot can achieve this function.

e. Room_num: Room number setting.

f. Set volume: Default volume after booting, level 01-20 (the larger the louder).

h. Set time: Time setting: Year, Month, Day, Hour, Minute.

i. Blue_name: Bluetooth name setting (four-digit password only).

j. Blue_word: Bluetooth pairing password setting (four-digit password only).

k. AutoPlaySwitch: Four different times automatically color /timed alarm: set start time, repeat time, ringing alarm music, clock cnt (clock times) and clock time(snooze time).

l. AutoPlayTime: Four different times automatically play music: set start time, stop time, repeat and ringing alarm music.

m. Software version: View the current software version information.

n. Factory default: restore the factory default state.

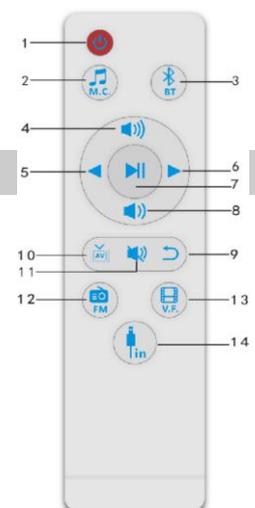
8. Multiple loop play modes: support single play, random play, sequential play, single loop, all loop play modes. Long press the PLAY icon to switch to different modes.

9. Power-off memory function: remember the state of playing before the last power-off.

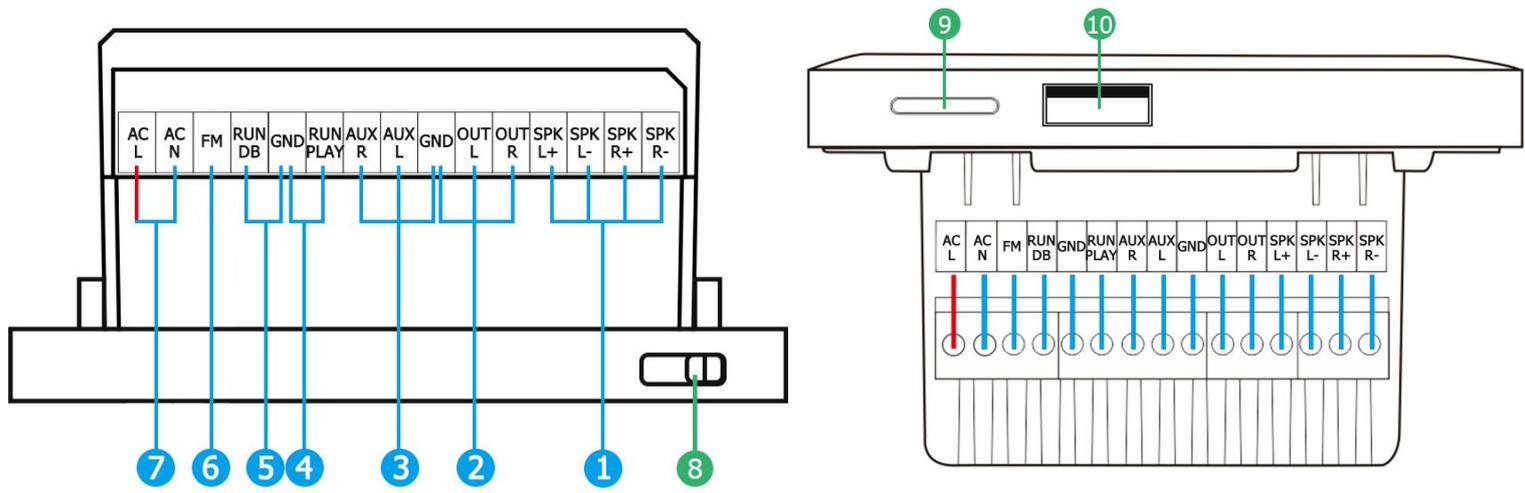
10. Infrared remote control function: provide various shortcut keys and humanized operation.

Remote Control Function Description

- | | |
|-----------------------|---|
| 1. Power key: on/off. | 8. Volume - |
| 2. Music | 9. Mute |
| 3. Bluetooth | 10. Video mode |
| 4. Volume + | 11. Return |
| 5. Pause/Play | 12. FM mode |
| 6. Left click | 13. Video shortcuts(not have this function) |
| 7. Right click | 14. Audio Input |



External Interface Description



1. **SPK R + SPK R-:** Two Speakers(each RMS 2x15W/4-8Ω): Speaker wire (200 cores). RVH2X100, RVH2X200.
2. **OUT R + OUT L + GND:** for an extra amplifier, audio output wire: Audio wire (three core shielded wire: commonly known as microphone wire). RVVP2X0.5, RVVP2X0.75mm².
3. **AUX L + AUX R + GND:** for TV, audio input wire: Audio wire (three core shielded wire: commonly known as microphone wire). RVVP2X0.5, RVVP2X0.75mm². Audio Signal to Noise Ratio: ≥98dB.
4. **RUN PLAY + GND:** (for hotel use only) linkage trigger to play specified music.
5. **DB + GND:** trigger doorbell control line, two strands of copper core wire, single strand copper core over 0.75mm².
6. **FM:** Radio antenna single-strand line, core diameter > 1mm, length > 2 meters. Frequency Range: 87.5-108MHz.
7. **AC Power Supply:** Compatible AC90-250V, 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 Port:** up to 32GB.
10. **USB Port:** USB disk up to 32GB. Audio format: support MP3, WAV, WMA

Installation Instructions

1. Pre-embed attached back cover 80*80mm, depth 57mm.
2. Tighten the bracket with the bracket screw on the back cover. (As shown in Figure 1)
3. 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. (As shown in Figure 2)
4. Wires used in this product: multi-strand copper wire, coaxial cable, audio cable, audio cable.
5. Please consult the supplier when installing this machine. Do not repair the machine without authorization. If you need to repair it, please consult the supplier and have it repaired by qualified personnel.

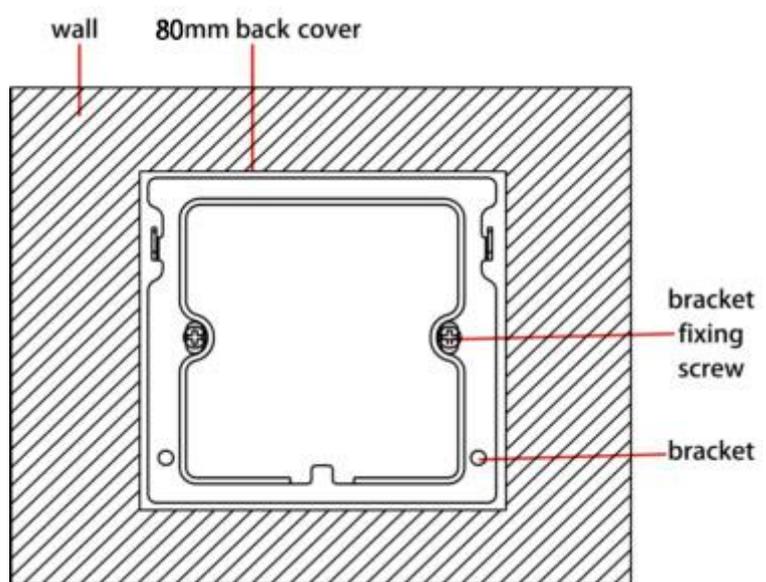


Figure 1

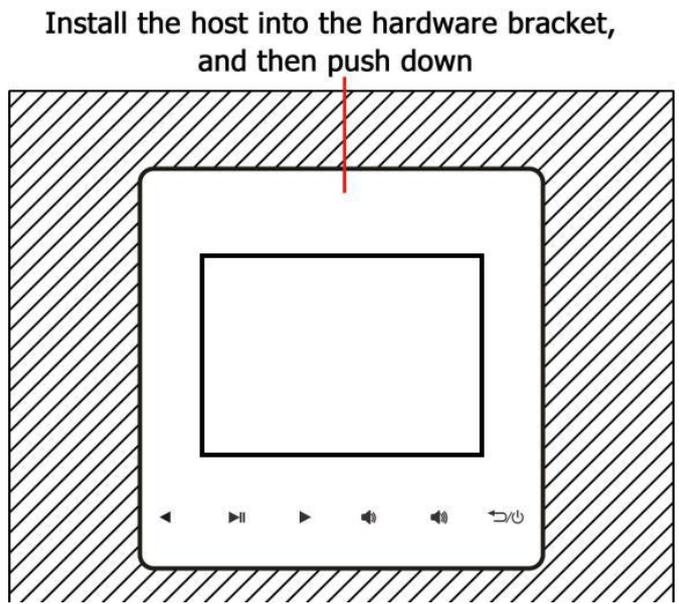


Figure 2

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. 3. Check whether the backlight time is set.
No sound	<ol style="list-style-type: none"> 1. Check if speaker wire is installed correctly. 2. Check if mute is set.
Buttons have no effect	<ol style="list-style-type: none"> 1. Is the panel too dirty? Is there water in the button area? (If there is, please clean it up before you operate) 2. Whether there is water on the hand during operation. 3. Turn off the power and restart.
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.
No sound when playing Bluetooth	<ol style="list-style-type: none"> 1. Whether the mobile phone has been selected for Bluetooth playback. (Apple phones need to choose to play for Bluetooth devices) 2. Whether the mobile terminal is set to mute. 3. Is the mute set on the host side? 4. Whether the song played on the mobile terminal is a lossless format song. (This version of the host does not support lossless playback) 5. The phone is too far away from the host.
FM reception not good	<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)
FM not receive the radio on Tuesday afternoon	On Tuesday afternoon, the major radio stations will stop broadcasting and carry out various maintenance work of the radio stations.
During FM playback, the display is blank	During FM playback, the screen will be automatically blanked after 5 seconds to ensure better closing effect. The user can press any key to brighten the screen.
Can't power off during FM playback	During FM playback, you need to press the second shutdown button to shut down. (Press the first time to brighten the screen, the 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.

If the above method still fails to troubleshoot, please go to a nearby supplier for assistance, please do not disassemble the device yourself.

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