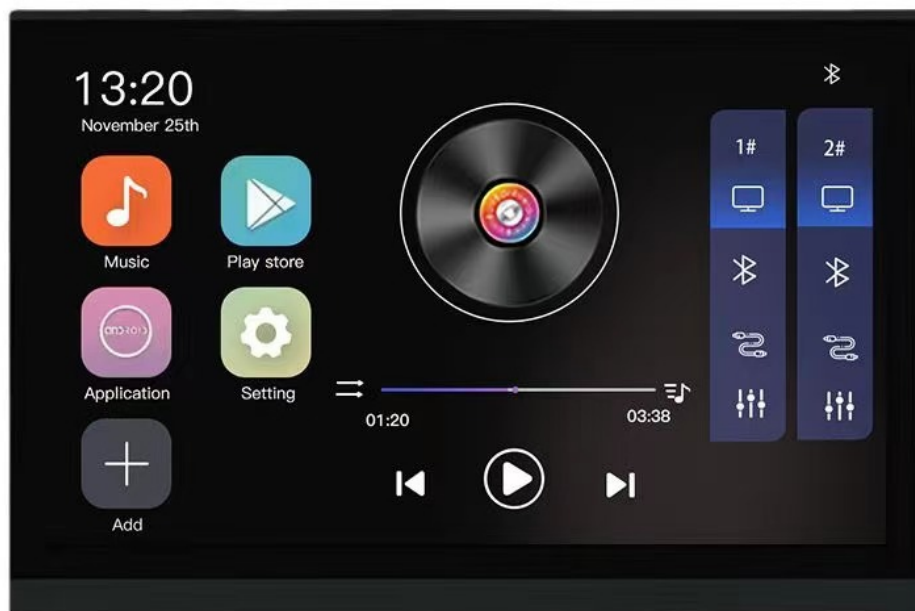


INSTALLATION AND OPERATION MANUAL

Smart Android background music controller



Foreword

Thanks to choose the CMX smart Android background music controller host, all of our products have been rigorously tested before leaving the factory, keeping the quality commitment, the smart Android background music controller host is widely used in high-end residential houses, villas, high-end clubs, high-end hotels, etc The music venue is the ideal first choice for you to choose an intelligent Android background music controller host. In order to facilitate your installation, debugging and use of this product, please read this manual carefully before installation and debugging.

Description of host function introduction:

1. Cortex1.2G quad-core CPU, 7-inch multi-touch capacitive screen, 1024 * 600 IPS HD resolution display.
2. Android 7.1 system.
3. The APK software supports remote control of mobile devices such as mobile phones and pads.
4. Installing the AP on the mobile device can turn the mobile device into a wireless mouse, flying squirrel, wireless touchpad, remote control, wireless keyboard, wireless camera, wireless microphone, and the same screen mirroring.(Optional function)
5. Support DLNA, Airplay, Qplay and other protocols, you can push mobile phone music, videos, pictures, files, APK to the host for playback or installation.
6. Support for pairing with external Bluetooth devices such as mobile phones to achieve audio playback, you can control the playback of music from external Bluetooth devices in two directions, and you can set Bluetooth to turn on or off.
7. Support external equipment to control the machine through 485 (optional function).
8. Eight-channel speaker output, support two-zone volume adjustment, two-zone treble and bass adjustment separately.
9. Support two-zone audio source to play separately (such as one zone to play local audio source, and two zones to play Bluetooth audio source)
10. Support audio input function.
11. Support audio output function.
12. Support subwoofer access.
13. Support the function of network set-top box, and watch online movies and TV programs at will.
14. Support TF card playback.
15. Support WIFI connection, support wired network cable connection (optional function)
- 16 Support various types of Android software installation.

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- 17. Support voice control playback function. (Optional function)
 - 18. Support voice-controlled smart home function through bonding smart home. (Optional function)
 - 19. Support infrared remote control.
 - 20. Support the function of two wireless microphones, through the wireless microphone to achieve singing, shouting, sound reinforcement and other functions (optional function)

Product List:

List	Quantity	Remark
Background music host	1	√
Instructions	1	√
Warranty Card	1	√
Mounting screws	1	√
Mounting brackets	1	√
Infrared remote control	1	√
Install cable box	1	√
Hi-Fi Ceiling Speaker	8	Optional
TF memory card	1	Optional
Tuning switch	4	Optional
Audio Line	1	Optional
Audio cable	1	Optional

Host parameters:

power supply	AC220V(50HZ) ,110V-250V	load	4-8 ohms
Output Power	8x30W (MAX)	Audio signal-to-noise ratio	≥98dB
Sound source	Support 2 groups of audio	Partition	Support 2 groups of

partition	source partitions	volume control	individual volume control
WIFI	2.4G distance 20 meters	Infrared remote control distance	10 m
Bluetooth distance	10m	Bluetooth version	5.0
Running memory	1GB / 2GB	Body memory	8GB / 16GB
Display	7 inch HD display	Resolution	1024 * 600
Audio input	Support 1 group	Audio output	Support 1 group
Wire box size	181*114*70mm	Product Size	186.5*122*48.8mm

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

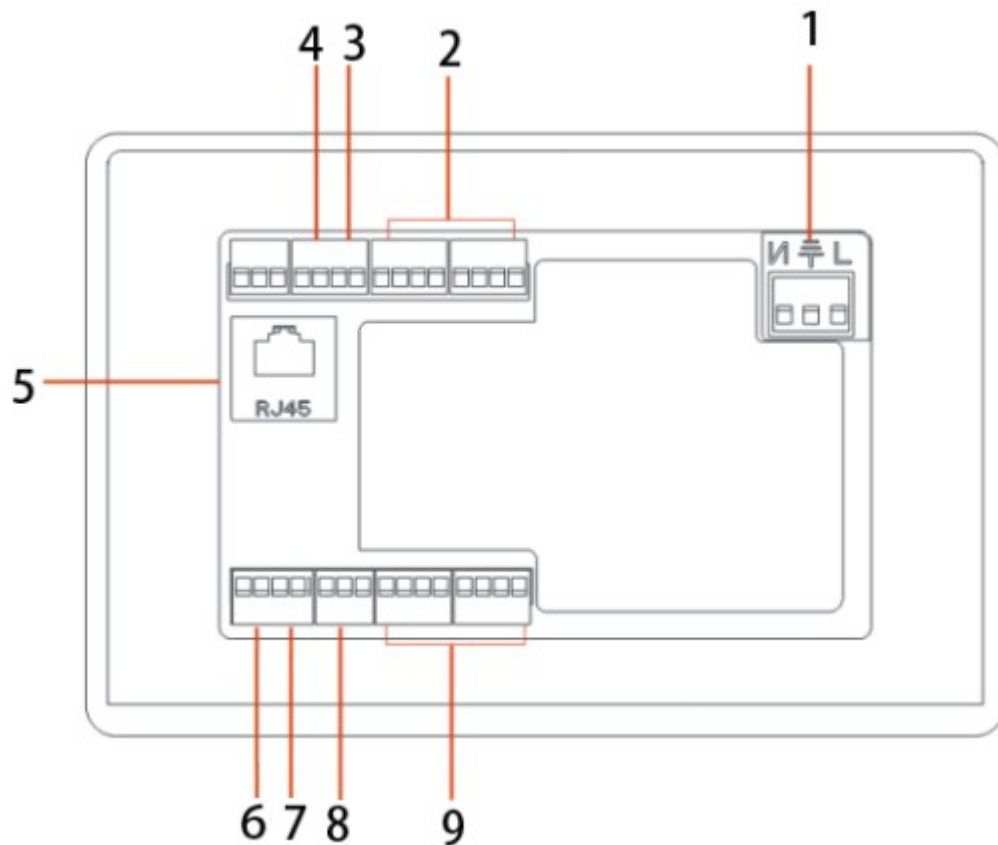
Precautions:

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. Please turn off the computer when the host will not be used for a long time.

Installation and disassembly instructions:

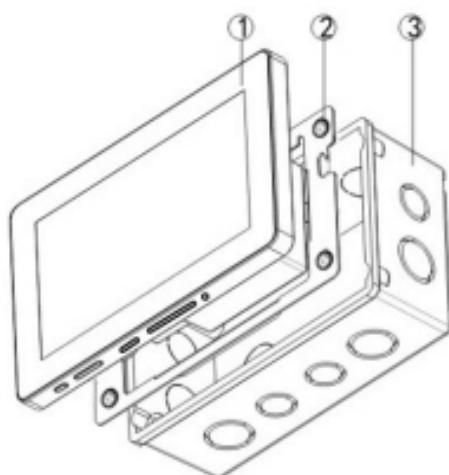
1. Dedicated bottom box provided by the embedded company, bottom box depth 70MM.
2. Wires used in this product: multi-strand copper core wire, coaxial wire, audio wire, audio wire.
3. Please consult the supplier when installing this machine.
4. Don't repair the machine without authorization. If you need to repair it, please consult the supplier and have it repaired by professionals.

Operating instructions for host wiring:



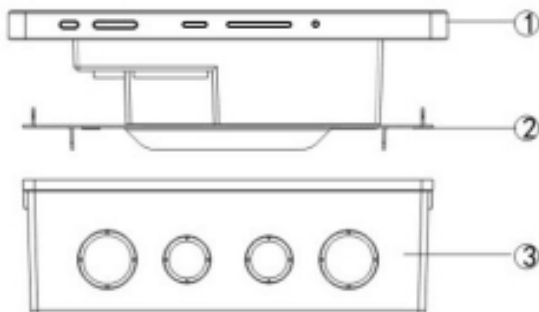
1. Power input: two strands of copper core wire, single strand copper core over 0.75 square.
2. Second zone four-channel speaker output: speaker cable (commonly known as gold and silver wire) RVH2X100, RVH2X200.
3. Audio output: audio cable (two-core shielded cable: commonly known as microphone cable), RVVP2X0.5, RVVP2X0.75.
4. Bass output: audio cable, RVVP2X0.5, RVVP2X0.75.
5. Wired network port: Cat5e network cable (optional function).
6. AUX audio input: audio cable (two-core shielded cable: commonly known as microphone cable), RVVP2X0.5, RVVP2X0.75.
7. Bass output: audio cable, RVVP2X0.5, RVVP2X0.75.
8. Audio output: audio cable (two-core shielded cable: commonly known as microphone cable), RVVP2X0.5, RVVP2X0.75.
9. First zone four-channel speaker output: speaker cable (commonly known as gold and silver wire) RVH2X100.

Machine Installation Instructions:



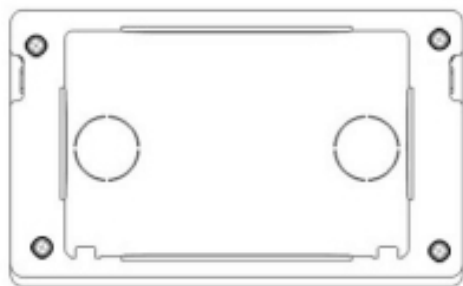
1. Install side view

- ① Background music host
- ② Metal pendant
- ③ Base box



2. Install Bottom View

- ① Background music host
- ② Metal pendant
- ③ Base box



3. Bury the bottom box in the wall and fix the metal in the bottom box



4. After wiring, install the main unit vertically into the bottom box and hang it down firmly on the metal pendant

Infrared remote control operating instructions :



1. Power-on / off key: short press the screen, long-press to enter power-on / off mode
2. Application center key: press to enter more application center interface
3. First zone local audio source: Press to switch to first zone local audio source mode
4. Local audio source in the second division: Press to switch to local audio source mode in the second division
5. Direction, confirm key: left, right, up, down key, confirm play key
6. Setting key: press to enter the setting interface
7. Back key: press to return to the previous level
8. Home button: Press to return to the main interface
9. Mute button of first zone: press to enter a partition mute mode
10. Volume down key for first zone: press one to decrease volume

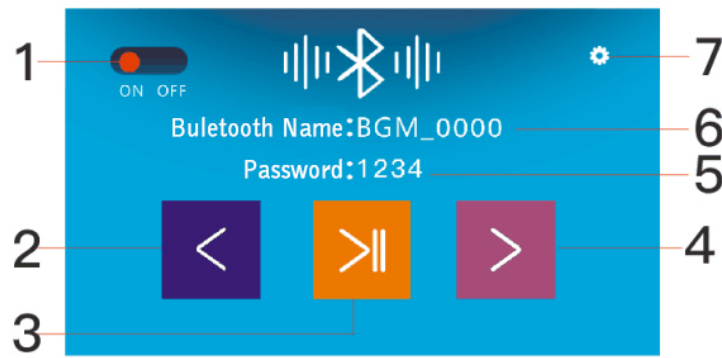
11. Volume up key for first zone: press one zone to increase volume
12. Volume down key of the second zone: press the volume down of the second zone
13. Mute key of second zone: press to enter the second zone mute mode
14. Volume up key of the second zone: press the second zone to increase the volume
15. First zone audio input key: press to enter first zone audio input mode
16. First zone Bluetooth key: press to enter first zone Bluetooth sound source mode
17. First zone microphone key: press to enter first zone microphone mode (microphone mode is mixing mode, ie all sound sources are on)
18. Second zone audio input key: press to enter the second zone audio input mode
19. Second zone Bluetooth key: press to enter the second zone Bluetooth audio source mode
20. Second zone microphone button: press to enter the second zone microphone mode (microphone mode is mixing mode, ie all sound sources are on)

Detailed description of host functions :



1. Time display: display the current time, if there is no network, you need to manually set the time, after the network is connected to the current time automatically
2. Online music app: The default built-in Spotify app allows users to long press the icon to replace other apps

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3. Online video app: YouTube app, users can long press the icon to replace other apps
 4. More applications: Click to open more application interfaces
 5. System settings: open the settings to enable WIFI settings and other functions
 6. Add application: Long press the add icon to add an application
 7. Play mode: Click to switch the play mode. There are five play modes to choose from, which are single loop play, all loop play, sequential play, random play, and loop play.
 8. Previous song button on local player: click once to switch to the previous song playback
 9. Play/stop button of local player: click once to play or stop the current song
 10. Next song button of local player: click once to switch to next song playback
 - 11.. Local player song list: Click once to open the song list, you can select the source of the song, there are three sources of local player song, namely TF card, U disk, local
 12. Bluetooth icon: When the main interface displays the Bluetooth icon is white, it means that the Bluetooth has been turned on, and you can connect to the Bluetooth through the mobile phone. When the mobile phone is successfully connected, the Bluetooth icon will turn blue (for example, the main interface does not display the Bluetooth icon Please click on the Bluetooth audio source icon in the first or second partition first, and turn on the Bluetooth in the upper left corner of the Bluetooth interface)
 - 13.The second zone local audio source: Click this icon to switch to the second zone local audio source mode
 14. First zone local audio source: Click this icon to switch to first zone local audio source mode
 15. Second zone Bluetooth audio source: Click this icon to switch to first zone Bluetooth audio source mode.
- The detailed description of the Bluetooth audio source interface is as follows:



1) Bluetooth switch: ON turns on Bluetooth, at this time Bluetooth can be connected by other devices, OFF turns off Bluetooth, at this time Bluetooth cannot be connected by other devices

2) Previous song: Click to switch to the previous song

3) Play stop: click to play or stop current status

4) Next song: Click to switch to the next song

5) Bluetooth pairing password: display the current Bluetooth pairing password

6) Bluetooth name: display the current Bluetooth name

7) Settings: Click Settings to modify the Bluetooth name and Bluetooth pairing password

16. First zone Bluetooth audio source: Click this icon to switch to Second zone Bluetooth audio source mode

(Bluetooth interface operation is the same as that of first zone)

17. Second zone external audio source: Click this icon to switch to Second zone external audio source mode

(connect the audio source of the TV or other equipment to the host via audio cable for playback)

18. First zone external audio source: Click this icon to switch to first zone external audio source mode (connect

the audio source of the TV or other equipment to the host via audio cable for playback)

19. 2-zone volume mixer: Click to open the zone volume mixer to debug the second zone, volume, treble and

bass volume

20.1 Zone Volume Mixer: Click to open the Zone Volume Mixer, which allows you to debug the first zone,

volume, high and low volume

Common troubleshooting:

The host does not turn on

1》 Whether the 220V power cord is connected

2》 No touch

1》 Whether there is water or dirt on the screen (clean the water or dirt on the screen)

2》 Whether you carry water or oil on your hands during operation (if you wipe or clean the oil on your hands)

3》 Whether there is interference of high-power machines next to the host

3》 No sound from the speaker

1》 Whether the speaker cable is well connected

2》 Whether the host is muted

3》 Whether the volume of the host partition 1 or partition 2 is too low

4》 Whether the host audio source is switched to another audio source state (when the host is playing, is the audio source switched to Bluetooth audio source or AUX audio source)

4》 No sound or quite low sound during Bluetooth playback

1》 Whether the phone sound is not turned on

2》 Whether the volume of the power amplifier on the host is turned up (adjusting the volume of the host is invalid for the Bluetooth volume, you need to adjust the volume of the power amplifier on the audio interface)

1》 Whether the distance between the mobile phone and the host is too far, causing the Bluetooth connection between the mobile phone and the host

5》 No sound or quite low sound during AUX playback

1》 AUX audio cable is not connected properly

2》 Whether the volume of the power amplifier on the host is turned on (adjusting the volume of the host is invalid for the AUX volume, and the volume of the power amplifier on the sound interface needs to be adjusted)

6》 No network

1》 Is the WIFI signal too bad?

2》 Whether the WIFI signal is disconnected