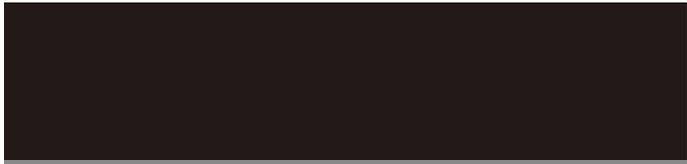


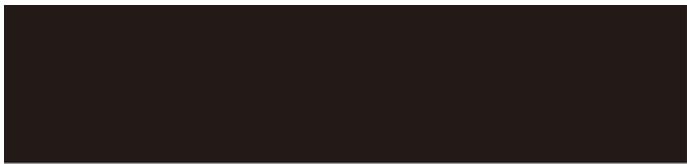
Technical data are subject to change without notice



Smart music player with amplifier



USER MANUAL V1.5



Technical data are subject to change without notice

Smart music player with amplifier



USER MANUAL V1.5

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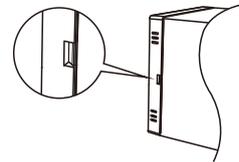
 Dismounting 17

Packing list 17

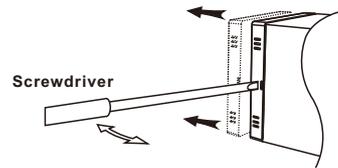
② Please refer to **Concealed installation** of step 3, step 4 and step 5 complete Setup.

• **Dismounting**

① Find the right side of the front panel and the base binding site of gap.



② Slotted screwdriver with buckle part of the alignment gap, carefully pry the clips.



Packing List

Component	Quantity
Smart music player with amplifier	1
Remote controller	1
User manual	1

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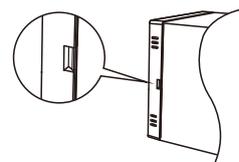
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Packing list 17

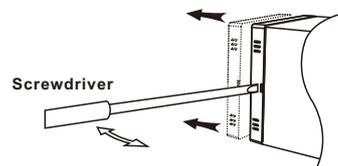
② Please refer to **Concealed installation** of step 3, step 4 and step 5 complete Setup.

• **Dismounting**

① Find the right side of the front panel and the base binding site of gap.



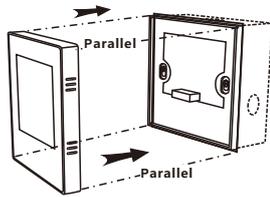
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Packing List

Component	Quantity
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Remote controller	1
User manual	1

- ⑤ Buckle the amplifier front panel on the base on the wall, and check if the front panel buckles the base completely.

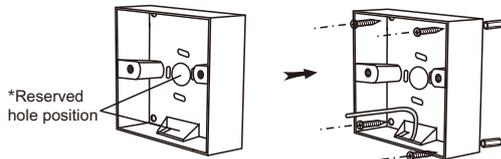


⚠ Caution: When the current panel and fasten the base, where pins are inserted in front panel holes and pins must not be bent or damaged, otherwise it will cause damage to the amplifier seriously.

• **Visible installation**

Note: you buy the box depth of not less than 40mm.

- ⑥ According to the four corners of the bottom surface of the box screws holes, drilled hole in the wall to be installed. the wire connector through the hole of the box reserved bits, using four self-tapping screws to fix the box on the wall.

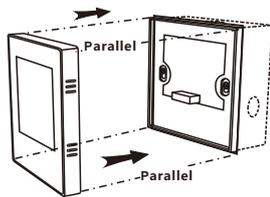


* Please arrange the line connection according to the actual hole position of the purchased box.

Product Features

- Convenient and efficient home music control center.
- Luxurious appearance design, 3.5" TFT LCD display, capacitive touch operation.
- Multiple music connection modes to be selected, including FM, SD, USB, BLUETOOTH, AUX.
- Support MP3, VMA, WAV, FLAC .
- Support adjustable sensitivity of auxiliary input.
- Support FM radio, can automatically or manually receive channels, and can store 20 channels.
- Wide voltage input, suitable for 110~240VAC, 50/60Hz.
- Type D differential output.
- Support the control operation of the infrared remote controller.
- Support RS485 communications.

- ⑤ Buckle the amplifier front panel on the base on the wall, and check if the front panel buckles the base completely.

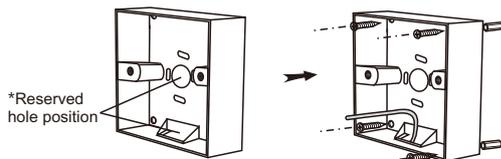


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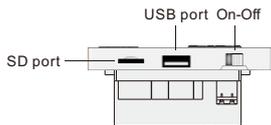
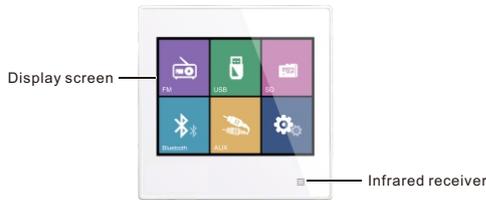
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Basic Functions

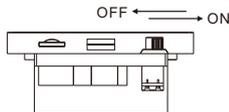
1, Descriptions of music controller



*The appearance of the product should be in kind.

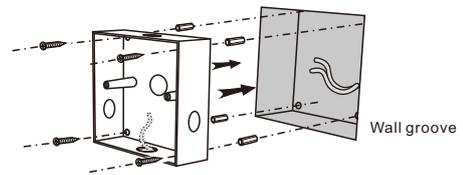
2, On & Off, Standby

On: Turn the on-off key right, it will be powered on.
Off: Turn the on-off key left, it will be powered off.

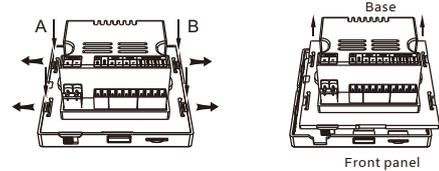


- 2 -

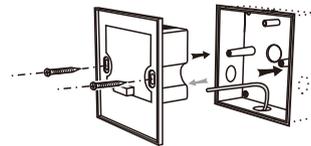
- ② Thread the line end through the reserved hole positions around the box, Put the box in the wall groove, and fix the box in the wall groove securely with four expansion screws.



- ③ As show in the following figure, Select the two clips in the direction of A or B, outer open edge outward, so snap out of and be careful to separate the amplifier front panel and the base.



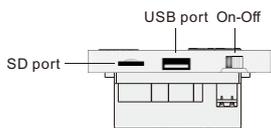
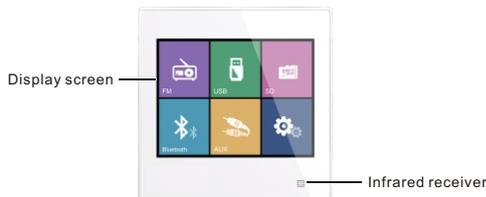
- ④ Connect the line end with the port on the base of the amplifier, and fix the base shell on the two mounting columns with two screws.



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Basic Functions

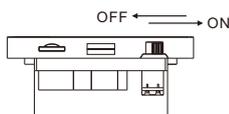
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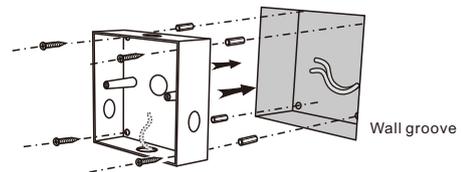
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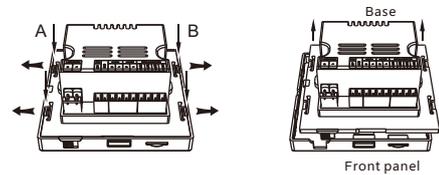


- 2 -

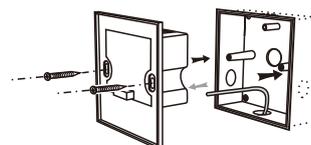
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Functions of connection terminals

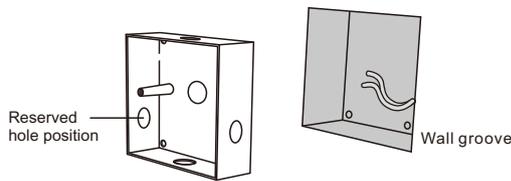
Function	Symbol	Name
Power input	N	Null line
	L	Live wire
FM	ANT	FM antenna
GND		Signal ground
AUX	R	Audio input right
	L	Audio input left
RS485	A	A
	B	B
Power amplifier output 8Ω	OUTL+	Left speaker positive terminal
	OUTL-	Left speaker negative terminal
	OUTR-	Right speaker negative terminal
	OUTR+	Right speaker positive terminal

Installation

• Concealed installation

Note: you buy the box depth of not less than 40mm.

- Open a groove suitable for the box dimension on the wall needing installation, and based on the positions of screw holes at the four corners of the bottom surface of the box, drill holes on the wall groove, and prepare to connect lines.



* Please arrange the line connection according to the actual hole position of the purchased box.

Play Function

1. FM

Double click the "FM" icon on the main screen to enter the radio mode.

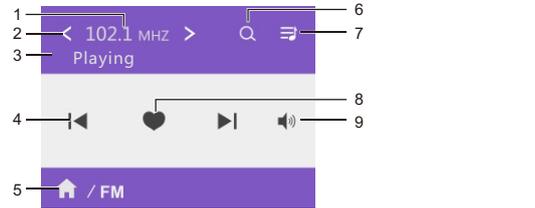


Figure 1

- Displays the current radio frequency.
- Radio frequency spinner button: "<" reduce the current frequency value, ">" increase the current frequency value. Long press "<" or ">" semiautomatic search for radio frequency, search for available channels, stop search.
- Status display.
- Switch the radio button to switch the radio forward or backward.
- Displays the current mode.
- Fully automatic search button, search the available frequency will automatically save to the radio list.
- Radio list button, click enter the radio list interface (Figure 2).
- Save / cancel the radio button, save the current radio channel to the radio list, or front channel cancel save.
- Volume button, click the icon to mute, drag the right volume control "■", you can adjust the volume size.

Functions of connection terminals

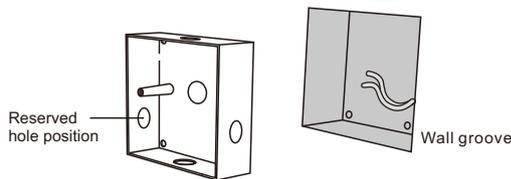
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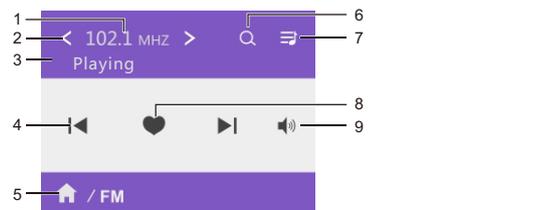


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Figure 2

1. Radio list display area displays the already stored radio station. Increase or decrease the radio in the list by saving / canceling the radio button in the FM main interface.
2. Radio list navigation bar, when you have more than one page, you can turn the page up and down.
3. Return button returns to the FM player interface.

2、USB

Double click the "USB" icon on the main screen to enter the USB play mode.

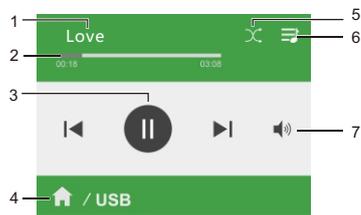
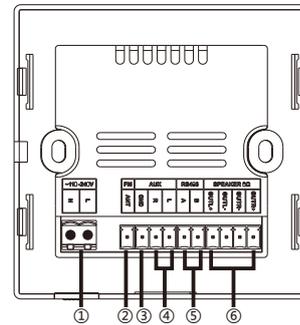


Figure 3

Installation and Wired



Back of the amplifier

Descriptions of the connection port:

- ① Power input: ~110-240V
 - ② FM antenna
 - ③ Signal ground
 - ④ Audio input 1 (2×0.3mm² double-shielded audio cable)
 - ⑤ RS485
 - ⑥ Power amplifier output (Oxygen-free copper speaker cable)
- Note: All wire connections shall not be naked.



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2. Radio list navigation bar, when you have more than one page, you can turn the page up and down.
3. Return button returns to the FM player interface.

2、USB

Double click the "USB" icon on the main screen to enter the USB play mode.

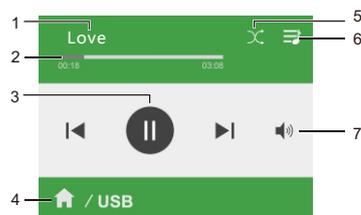
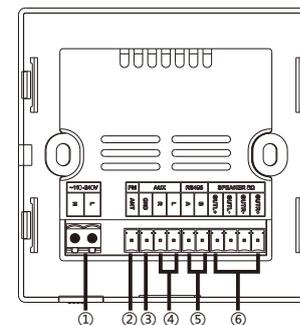


Figure 3

Installation and Wired



Back of the amplifier

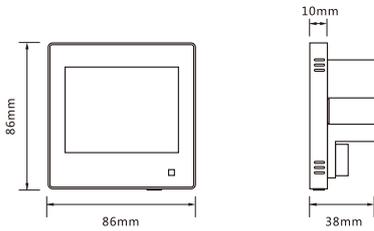
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 - ⑤ RS485
 - ⑥ Power amplifier output (Oxygen-free copper speaker cable)
- Note: All wire connections shall not be naked.

Performance Parameters

Amplifier	Power input	~110-240V/50/60Hz
	Output power	2 × 10W
	Rated impedance	8Ω
	Total harmonic distortion	≤1% (1KHz, 1W, 8Ω)
	Signal-to-noise ratio	>71dB
	Frequency response	50Hz – 18KHz
	Sensitivity of auxiliary input	AUX: 1.0V
	Audio format	MP3, WMA, WAV, FLAC
	Bluetooth	BT4.1
	Control Interface	RS485
	Storage type	SD, USB
Package dimension	150×125×95mm	
Product dimension	86×86×38mm	
Net Weight	0.2kg	
Gross Weight	0.5kg	

Product Dimension



- 12 -

1. play song information.
2. song playback progress bar.
3. play control button, followed by: one song, play / pause, the next song.
4. displays the current mode.
5. play mode button.
6. playlist button, click enter playlist interface (Figure 4)*.
7. volume button, click the icon to mute, drag the right volume control "■", you can adjust the volume size.

* There should be no more than 20 directories in the USB/SD card root directory.



Figure 4

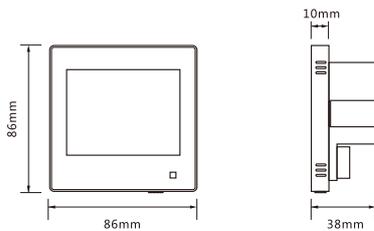
1. return the previous directory.
2. playlist display area displays the tracks in the USB memory.
3. playlist navigation bar, when you have more than one page, you can turn the page up and down.
4. return button, returns to the USB player interface.

- 5 -

Performance Parameters

Amplifier	Power input	~110-240V/50/60Hz
	Output power	2 × 10W
	Rated impedance	8Ω
	Total harmonic distortion	≤1% (1KHz, 1W, 8Ω)
	Signal-to-noise ratio	>71dB
	Frequency response	50Hz – 18KHz
	Sensitivity of auxiliary input	AUX: 1.0V
	Audio format	MP3, WMA, WAV, FLAC
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Figure 4

1. return the previous directory.
2. playlist display area displays the tracks in the USB memory.
3. playlist navigation bar, when you have more than one page, you can turn the page up and down.
4. return button, returns to the USB player interface.

- 5 -

3、SD

Double click the "SD" icon on the main screen to enter the SD play mode.

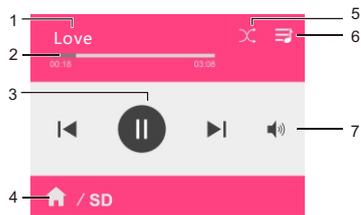


Figure 5

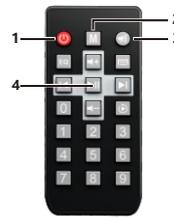
1. Play song information.
2. Song playback progress bar.
3. Play control button, followed by: one song, play / pause, the next song.
4. Play song information.
5. Play mode button.
6. Playlist button, click enter the playlist interface (list interface is the same as in Figure 4)*.
7. Volume button, click the icon to mute, drag the right volume control "  ", you can adjust the volume size.

* There should be no more than 20 directories in the USB/SD card root directory.

4、Bluetooth

Double click the "Bluetooth" icon on the main screen to enter the Bluetooth playback mode.

Descriptions Of Remote Controller



1. Standby switch.
2. Mode selection. Click the key, it will successively and circularly display FM radio receiver, SD card, USB, SD BLUETOOTH, AUX.
3. Mute.
4. Play control area. Able to play/pause, move to previous and next songs, and control the volume.

* The above unlabeled area remote control is temporarily not supported.

3、SD

Double click the "SD" icon on the main screen to enter the SD play mode.

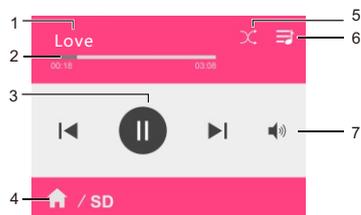


Figure 5

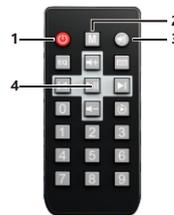
1. Play song information.
2. Song playback progress bar.
3. Play control button, followed by: one song, play / pause, the next song.
4. Play song information.
5. Play mode button.
6. Playlist button, click enter the playlist interface (list interface is the same as in Figure 4)*.
7. Volume button, click the icon to mute, drag the right volume control "  ", you can adjust the volume size.

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4、Bluetooth

Double click the "Bluetooth" icon on the main screen to enter the Bluetooth playback mode.

Descriptions Of Remote Controller

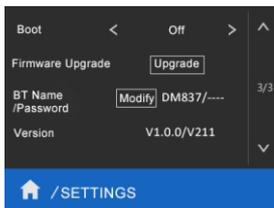


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2. Mode selection. Click the key, it will successively and circularly display FM radio receiver, SD card, USB, SD BLUETOOTH, AUX.
3. Mute.
4. Play control area. Able to play/pause, move to previous and next songs, and control the volume.

* The above unlabeled area remote control is temporarily not supported.

Modify Bluetooth Name & Password

1. Please prepare the device, pc, and USB flash drive before modifying.
2. Insert the USB disk into the USB port of the device, and then unplug it after about 10 seconds to access the computer, at this time find the BT_INFO.txt file in the root directory of the USB disk;
3. Please click the BT_INFO.txt files to modify the Bluetooth name and password in the corresponding location and save it;
Note: The Bluetooth name only supports English and numbers, should be less than 20 digits; The password only supports numbers and fixed to 4 digits, if the password is not 4 digits, it will default to '0000' when modified;
4. Then unplug the USB disk and insert it into the USB port of the device, please wait a few seconds before entering the setting interface of the device, then turns to the third page, and the "Bluetooth name/password" item in the interface will appear "Modify" button as shown in the figure below (the "Modify" button will not appear if there is no modification of the content in the BT_INFO.txt file); At this time, please click the "Modify" button, the system will automatically restart and complete the modification.



Modify Bluetooth Name & Password

1. Please prepare the device, pc, and USB flash drive before modifying.
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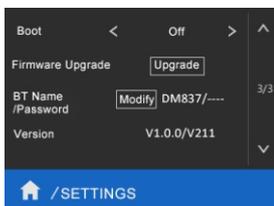


Figure 6

1. Displays Bluetooth connection status.
2. Play song information.
3. Return button, return to the main interface.
4. Volume button, click the icon to mute, drag the right volume control "■", you can adjust the volume size.

5、AUX

Double click the "AUX" icon on the main screen to enter the AUX play mode.



1. Volume button, click the icon to mute, drag the right volume control "■", you can adjust the volume size.
2. Return button, return to the main interface.

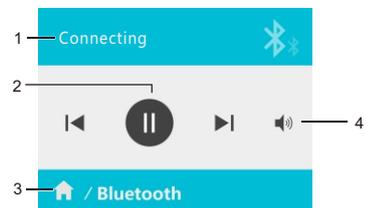
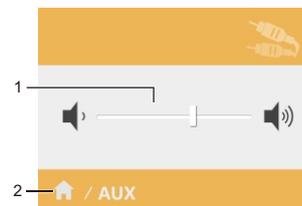


Figure 6

1. Displays Bluetooth connection status.
2. Play song information.
3. Return button, return to the main interface.
4. Volume button, click the icon to mute, drag the right volume control "■", you can adjust the volume size.

5、AUX

Double click the "AUX" icon on the main screen to enter the AUX play mode.

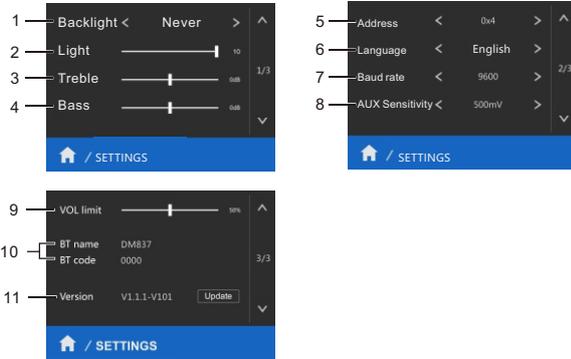


1. Volume button, click the icon to mute, drag the right volume control "■", you can adjust the volume size.
2. Return button, return to the main interface.

settings

System settings

Double click the main interface "⚙️" icon to enter the system settings interface.



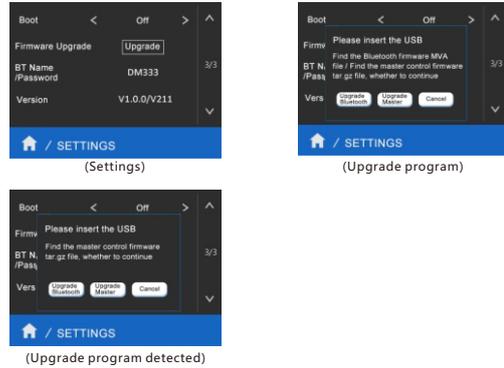
In the settings interface, you have the following options:

1. Backlight, can set how long after the display automatically turn off.
2. Brightness adjustment.
3. Tweeter settings.
4. Bass settings.
5. Set the address of RS485.
6. System Language Set.
7. Baud Rate Set.
8. AUX Sensitivity Set.
9. Maximum volume limit.
10. Display Bluetooth Name and Password. (Default: DM837:0000)
11. System Version Information.

- 8 -

System upgrade

This device supports USB upgrade. Please put the upgrade program file in the root directory.



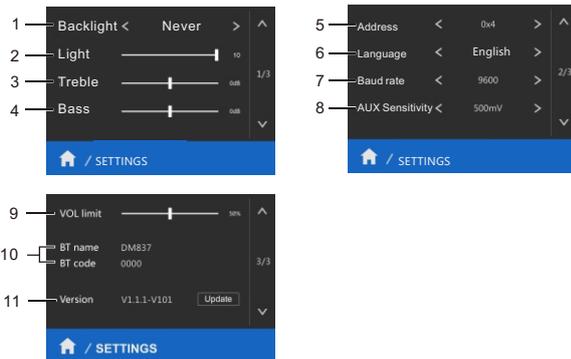
When USB disk is inserted, and master firmware upgrade program file is detected, click the "Upgrade Master" button to upgrade; The upgrade succeeds after the device reboot automatically. When the Bluetooth firmware upgrade program file is detected, please click the "Upgrade Bluetooth" to upgrade, and it is recommended to restart the device manually after the pop-up window disappears automatically. Please do not operate the equipment during the upgrade process.

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settings

System settings

Double click the main interface "⚙️" icon to enter the system settings interface.



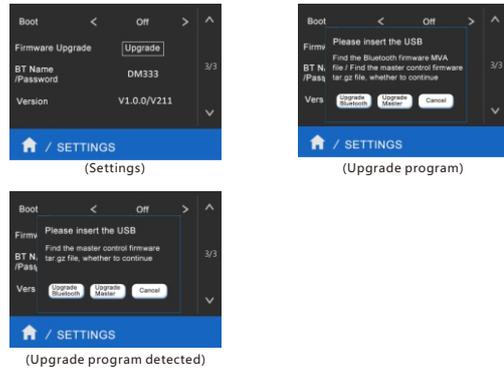
In the settings interface, you have the following options:

1. Backlight, can set how long after the display automatically turn off.
2. Brightness adjustment.
3. Tweeter settings.
4. Bass settings.
5. Set the address of RS485.
6. System Language Set.
7. Baud Rate Set.
8. AUX Sensitivity Set.
9. Maximum volume limit.
10. Display Bluetooth Name and Password. (Default: DM837:0000)
11. System Version Information.

- 8 -

System upgrade

This device supports USB upgrade. Please put the upgrade program file in the root directory.



When USB disk is inserted, and master firmware upgrade program file is detected, click the "Upgrade Master" button to upgrade; The upgrade succeeds after the device reboot automatically. When the Bluetooth firmware upgrade program file is detected, please click the "Upgrade Bluetooth" to upgrade, and it is recommended to restart the device manually after the pop-up window disappears automatically. Please do not operate the equipment during the upgrade process.

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