Powersound-HIFI
User Instruction Manual

V1.0

1. Product Features

1) Infrared induction technology adopted.

2) PIR sensor has a wide range of detection.

3) Easy to change the sound, no need any extra computer-assisted software.

4) Support power-down memory function.

5) Built in a high quality MP3 player unit.

6) Support MP3 format sound files.

7) Support SPI-Flash(max.64Mbit) and SD card(max.32GB) as the storage media to store sound files.

   Support playback from SPI-Flash and SD card(If there is no SD card, plays back from SPI-Flash).

8) Support hot plugging of SD card.

9) Support two playback modes: all repeat one by one in a loop and single repeat.

10) 10-level sound volume control.

11) Built in a 10W amplifier, to ensure beautiful and loud sound output.

12) PIR activated or not is optional according to your requirement.

13) Equipped with a remote control that is able to control PRE, NEXT, VOL+ and VOL-. The remote-controlled radius distance is up to 15 meters.

14) Dimension: 217*172*150mm

2.Technical Parameters

Power Supply	DC12V Power Adapter	
Working Current	at standby status	≤70MA
	at playing status	≤1200mA(DC12V)
Audio Format	MP3	code rate: 32~320Kbps
Audio Output	8Ω/10W(typical value)	
Detection Range	≤5 meters(120°angle of view)	

3.Quick User Guide

3.1 Operation and Use on the Host

It's very easy to operate and use this device. As you can see there are 4 functional buttons on the operational panel. See the photo as below.

Button	Action	Functions Realized
◀/A	Short Press	Switched to previous
	Long press for 3 sec	When the red indicator flashes once, it means you have switched it to work mode A with PIR function, i.e. the mode all repeat one by one in a loop after each triggering.
▶/B	Short Press	Switched to next
	Long press for 3 sec	When the red indicator flashes twice, it means you have switched it to work mode B with PIR function, i.e. the mode single repeat after each triggering.
V+/C	Short Press	Volume up
	Long press for 3 sec	When the red indicator flashes continuously, it means the device is working at copy mode. Before long press this button If a USB drive is inserted, the MP3 sound files in the USB drive will be copied into the internal flash memory.
V-/L	Short Press	Volume down
	Long press for 3 sec	For remote control code learning

3.2. Operation and Use on the Remote Control

Button	Function Realized
1	Switched to PIR function mode
2	Switched to MP3 repeat mode without PIR function
3	Previous
4	Next
5	Volume up
6	Volume down

⚠ **Notes:**

1. As there are two buttons differing from the other 4 buttons on the remote control not only in appearance but also in the coding rules, it decides you need to do remote control coding learning three times at least till the remote control can be used normally.(Normally users don't need to do remote control coding learning job again, since it is paired with the host well before delivery, unless when the battery in the remote control runs out of power and you need to replace it).

2.The functions for the buttons can be customized according to customers' needs.

4. Sound Files Uploading

Reminder: When you upload sound files(MP3 format only) into the internal flash memory using a USB drive, you can only put the sound files needed in the USB drive via computer and you can't put other files, otherwise the uploading or copying from the USB drive to the internal flash memory can not be done.

Operational Steps:

1. Put the prepared sound files in the root directory of your USB drive on computer. Normally it is not required to rename the sound files on computer, which will be copied into the internal flash memory of the host device in the way of original storage order. If you are strict to the order, you can copy your sound files one by one from computer to your USB drive according to the order you want.

2. Insert the USB drive to the USB port of the device, and long press the button V+/C till the indicator flashes continuously. When the copying is done, the indicator turns off automatically.

⚠ **Notes:**

1. The total capacity of the sound files can not be larger than the internal flash memory, otherwise the copying will fail.

2. The USB port on the host device doesn't support connecting with computer for sound loading.