**Shenzhen Waytronic Electronics Co.,Ltd.** WT®

# PowerSound OD
## V1.03

**Note:**

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# 1. Introduction

    This product uses mature microwave human body induction technology. When detecting human body passing by, it can play voice at the first time; can also change different voice at any time according to different occasions, to achieve different playing effect. It is suitable for harsh environment, not affected by temperature, humidity, noise, air, dust, light. It has three proofing functions, windproof, dust-proof, and rainproof.

    PowerSound OD V1.0 is a member of human body induction voice prompt devices. All these series support powerful DIY function, using MP3 source and high-power speaker, and support offline download.

    For your better understanding of the installation and configuration of this product, please read the instructions carefully.

# 2. Product feature

➢ Adopt microwave human body induction technology.

➢ Sensor has wide induction range.

➢ Can change the voice via USB flash disk directly.

➢ Power-off memory function.

➢ Standard version without the relay control function(support to customize relay output control function).

➢ Built-in the most competitive MP3 module with high sound quality, supporting MP3 audio file.

➢ Built-in SPI-Flash, can store voice of 5-30 minutes.

➢ Support two playing modes: order cycle mode, single mode.

➢ 10-level volume control. Support to adjust the volume on different occasions.

➢ Built-in10W power amplifier, loud and beautiful sound.

➢ Support 433M remote control to control playing. Optional function: the previous, the next, volume up, volume down, single cycle, all cycle.
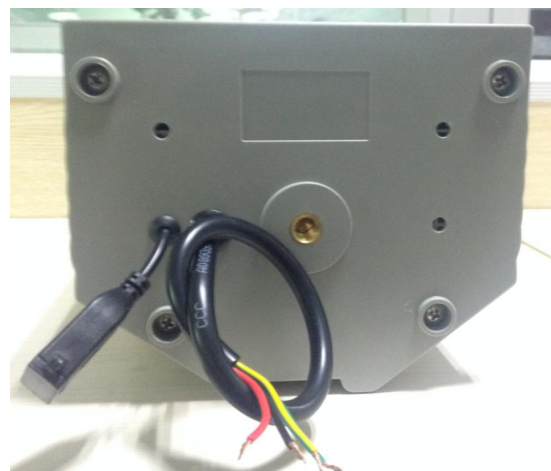
# 3. Electrical parameters

| Power supply mode | DC12Vstabilized voltage supply | |
|---|---|---|
| Working current | Standby state | ≤60MA |

| | | Playing state | ≤600mA(DC12V) |
|---|---|---|---|
| Audio format | MP3 | Bit rate: 8~320Kbps | |
| Audio output power | | 8Ω/10W(typical value) | |
| Induction range | | ≤8 meters(fan-shaped 120°) | |
| Wireless remote control distance | | ≤ 200m | |
| Alarm decibels | | ≤ 100dB | |
| Environment Temp. | | -20℃~70℃ | |
| RH | | 10%~95% | |

# 4. Product appearance

4.1 Main body:

4.2 Remote controller



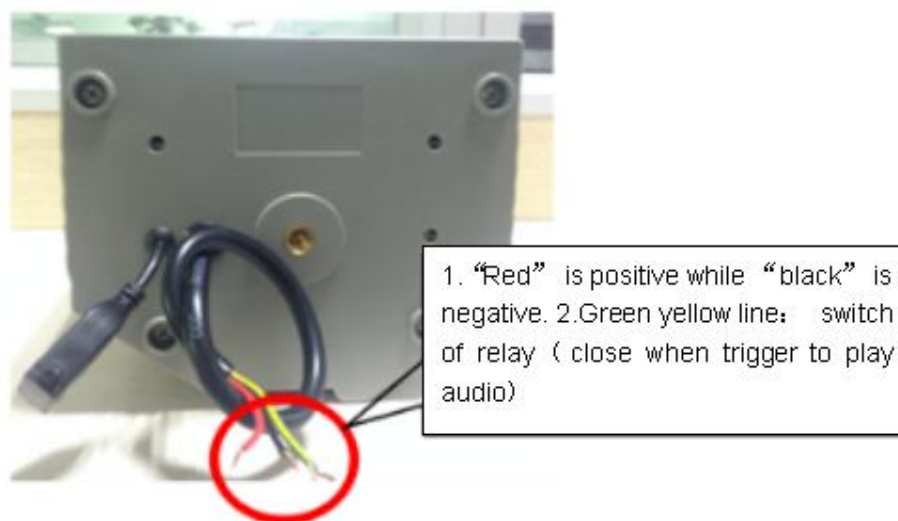| | |
|---|---|
| 1 | All Cycle |
| 2 | Single Cycle |
| 3 | Previous |
| 4 | Next |
| 5 | Volume + |
| 6 | Volume - |

# 5. Quick Start Guide
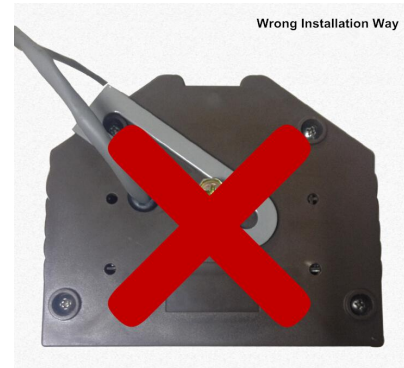
1. Access to DC12Vstabilized voltage supply(pay attention to the positive and negative. "Red" is positive while "black" is negative).



1. "Red" is positive while "black" is negative. 2.Green yellow line： switch of relay （close when trigger to play audio）

2. Use matched remote controller to control (the previous, the next, volume up, volume down, single cycle, all cycle).

# 6. Installation attention

1. Height: 2.5m--5.5m.
2. The base bracket position: should be vertical with the base, otherwise, the bracket will block the sensing module to affect normal use. As shown below:

Correct Installation Way     Wrong Installation Way     Wrong Installation Way

## 7. Download audio



USB interface

Only the audio files that need to be changed can be stored in U disk where can not have any other files or folders, otherwise, unable to copy. There are two steps.

1) Put the edited audio files into U disk root directory. The audio file is not required for a special name, will be copied to the built-in Flash in the order of storage. If customers have special requirements for the order, please copy the file to U disk one by one.

2) Insert U disk into USB interface. Long press "V+" button; not release the button until the indicator light is flashing. When the copy is completed, the indicator light will automatically go out.

⚠️ **Note:**

   **1) Audio file size of U disk can not exceed built-in flash capacity, or will cause incomplete copy or copy failure.**

   **2) USB interface is not supported to connect with computer, but only supporting U disk connection.**

**Indemnification**

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