QUICK START GUIDE

Shenzhen Waytronic Electronics Co.,Ltd.

MicroSound II V3.00

Infrared Sensor Audio Player

Note:

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1. Brief introduction

This infrared sensor player adopts the technology of infrared pyroelectric induction principle. When someone enters the induction range, it will play sound. It looks like a cat's eyes, not depending on light. Even in the dark environment, it can work stably and reliably, overcoming the shortcomings of light induction.

It is small and exquisite, easy to carry, good sound quality. Human body induction triggering, large induction range, sensitive. Intelligent triggering, no need to have manual operation. One of the main characteristics is using our company's mature technology of human body induction. When detecting the human body passing, it will give voice prompt, voice alarm, welcome alarm, greeting voice etc.. According to the different applications, different audio files can be replaced freely.

2. Product features

- MP3 audio format, excellent sound quality.
- Pyroelectric infrared sensor induction.
- Built in flash memory.
- Micro USB interface. Available to replace voice content by USB cable on computer.
- 3 AAA batteries or microUSB power supply.
- Built-in 29mm 8Ω1 watt speaker.

3. Electrical parameters

Power supply mode	External DC 5V power supply or 3pcs dry batteries(DC4.5V)		
Working Current	Sleep standby mode		≤120uA
	Playing mode		≤200mA
Audio Format	MP3	Sample Rate: 44.1Khz/320Kbps	
Audio Output Power	8Ω/1W		
Infrared Induction Range	≤4m(45°angle)		
Working temperature	-10~35℃		
Working humidity	10~85%RH		
Playing sound	90dB		

4. Operation introduction

This product is easy to use. Can replace audio files by USB cable, connected to computer through USB interface, but not support to read micro SD card. It includes a micro USB interface, two buttons A and B, a slide switch.

Slide Switch	Left	Switch off
	Middle	First level volume and switch on
	Right	Second level volume(max volume)
Button A	Short press	Play the previous audio
	Long press	Flashing once means it switches to A mode, all loop playback. Flashing twice means it switches to B mode, single play; it will repeat playing one audio.
Button B	Short press	Play the next audio
Indicator light	Light on	Playing
	Light off	Switch off or stop playing
micro USB interface	Insert DC5V power plug	Supply power to the device
	Connect to computer	Replace audio by USB cable
Induction range	≤ 4 meters	

Note:

1. Support MicroUSB power supply, can copy audio audio through micro USB interface.
2. It has single cycle play mode and power-off memory function.

5. Notes

- Environment temperature too high(≥35℃) will affect the induction distance and sensitivity.
- Air conditioner or electric fan right to the sensor, that will affect the induction distance and sensitivity.
- When use batteries for power supply, if the battery power is too low, there may be false alarm or no sound play or other abnormal phenomenon.

6. Installation instruction

◆ **Side wall mounted**

Installation weight is about 1.5 meters above the ground. It is the best for the sensor to make 45° angle with the ground.

◆ **Ceiling mounted**

About 3 meters above the ground is the best. Sensor should be parallel with the ceiling.

Indemnification

Shenzhen Waytronic Electronics Co., Ltd reserves the right to modify and use information without prior notice to customers. New product specifications will be subject to the latest version.

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