

## DSS1418

## Directional Speaker System



## Description

DSS1418 is a directional active speaker system. As the ultrasonic wavelength is only a few millimeters, much smaller than that of the speaker, it can produce a nearly linear, narrow beam. Ultrasonic wave directional loudspeaker can realize directional spreading of sound in the air just like a flashlight beam, and control the sound waves spreading in a specified area, so that the area has a large sound, while other areas have smaller sound or even no sound.

## Features

- With strong directivity and ultra-narrow beam angle to avoid mutual interference of different sounds.
- With built-in audio sources, including USB flash disk/TF card/Bluetooth 5.0 play.
- Adopt pre-processing algorithm for low distortion.
- Support virtual sound source, with high-quality stereo sound.
- Support remote control for efficient volume control.
- Support infrared control mode (Silent/Pause/Play/Normal mode).
- Easy and flexible to install, can be installed at any angle.

# Specifications

Model	DSS1418	
Speaker Parameters	Maximum Power Harmonic Distortion Sound Pressure Level Transmission Angle Transmission Distance Dimensions Inside Dimension Net Weight	25W 0.5% 85dB@1kHz/1M 10-15° <20m Φ200×30mm 180-190mm SR720g/BK372g
Power Driver	Power THD Power Input Dimensions Audio Input Options Audio Output Remote Control	72W ≤0.5% 15-24V, 3A 175×118×45mm Support Bluetooth Input, USB/TF Playback, 3.5mm Audio Input 2-Channel Audio Output Supported, Compatible with Central Control System
PIR Human Motion Sensor	Working Voltage Static Current Level Output Trigger Method Delay Time Lockout Time PCB Dimensions Housing Dimensions Lead Wire Length Detection Angle Detection Distance Operating Temperature Detection Lens Size	DC4.5-20V <60 μA High 3.3V / Low 0V L: non-retriggerable / H: retriggerable (default) Default 5 s (Adjustable 0.1 s-200 s) Default 2.5 s (Adjustable 0.1 s- Several Tens of Seconds) 32×24 mm 52 L×36 W×3 H mm (Black), Mounting Holes Ø2.5 mm 20cm < 110°Cone Up to 7 m -20 ~ +80 °C Ø23 mm (Default)