

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.

Model	DSS1418	
<div>Speaker Parameters</div> <div></div>	Maximum Power	25W
	Harmonic Distortion	0.5%
	Sound Pressure Level	85dB@1kHz/1M
	Transmission Angle	10-15°
	Transmission Distance	<20m
	Dimensions	φ200×30mm
	Inside Dimension	180-190mm
	Net Weight	SR720g/BK372g
<div>Power Driver</div> <div></div>	Power	72W
	THD	≤0.5%
	Power Input	15-24V, 3A
	Dimensions	175×118×45mm
	Audio Input Options	Support Bluetooth Input, USB/TF Playback, 3.5mm Audio Input
	Audio Output	2-Channel Audio Output
	Remote Control	Supported, Compatible with Central Control System
<div>PIR Human Motion Sensor</div> <div></div>	Working Voltage	DC4.5-20V
	Static Current	<60 μA
	Level Output	High 3.3V / Low 0V
	Trigger Method	L: non-retriggerable / H: retriggerable (default)
	Delay Time	Default 5 s (Adjustable 0.1 s-200 s)
	Lockout Time	Default 2.5 s (Adjustable 0.1 s-Several Tens of Seconds)
	PCB Dimensions	32×24 mm
	Housing Dimensions	52 L×36 W×3 H mm (Black), Mounting Holes Ø2.5 mm
	Lead Wire Length	20cm
	Detection Angle	< 110°Cone
	Detection Distance	Up to 7 m
	Operating Temperature	-20 ~ +80 °C
	Detection Lens Size	Ø23 mm (Default)