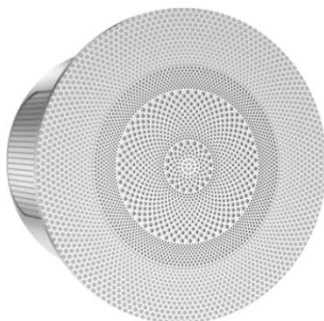


DSP2011BT

20W Bluetooth Ceiling Speaker with Passive Radiator



Description

Featuring a clean matte finish and understated design, the speaker integrates naturally into contemporary interiors. A side-mounted passive radiator works with the sealed metal acoustic chamber to reinforce low-frequency performance while providing a solid and stable enclosure structure. The 15° angled design helps direct sound toward the listening area, making it suitable for home theater applications, including overhead and surround sound.

With built-in Bluetooth connectivity, the speaker supports convenient wireless music playback. Its compact design makes it well suited to studies, tea rooms, bedrooms, and other small spaces, as well as applications where synchronized playback between multiple speakers is not required.

Features

- 20W × 2 Bluetooth ceiling speaker supporting convenient wireless music playback.
- Equipped with a 2.5-inch driver for clear and well-balanced audio.
- Side-mounted passive radiator helps reinforce low-frequency output.
- Enclosed metal acoustic chamber ensures a solid and stable enclosure structure.
- 15° angled construction helps project sound toward the listening area.
- Compact form factor makes it suitable for studies, bedrooms, tea rooms, and home theater setups.

Specifications

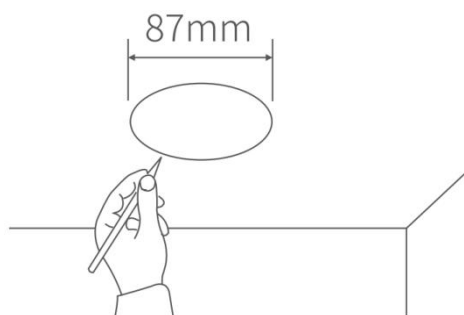
Model		DSP2011BT
Electronic Section	Output Power	20W×2
	Frequency Response	50Hz-20kHz
	Power Input	DC19V, 2.5A
Electroacoustic Section	Speaker Unit	2.5" Driver

	Rated Impedance	8Ω
	Frequency Response	180Hz-20kHz
	Sensitivity	87dB
	Max. SPL	100dB
Bluetooth Version		5.3
Product Interfaces	Power Input / Speaker Output	
Radiator	45×50mm Passive Radiator	
Product Dimensions	φ104×95mm	
Cutout Diameter	Φ87mm	

Product Installation

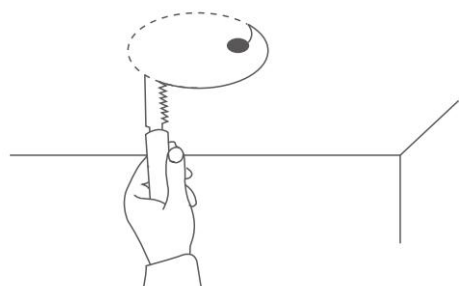
● Cut the Speaker Opening

1. The recommended cutout diameter is 87 mm. Openings from 85 mm to 92 mm are also suitable for installation. Please mark a circular outline at the desired speaker installation location.



Note: When marking and cutting, do not cut too deeply into the ceiling surface to avoid damaging electrical wires or pipes behind the ceiling and causing safety hazards. It is recommended to contact professional installers for installation.

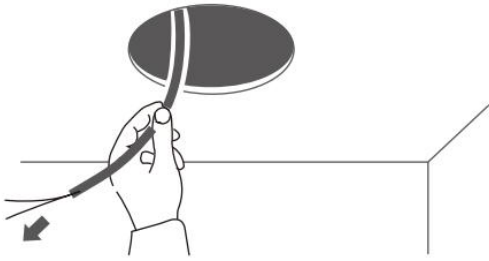
2. Drill a hole within the marked area large enough to insert the cutting tool.
3. Cut along the marked outline.



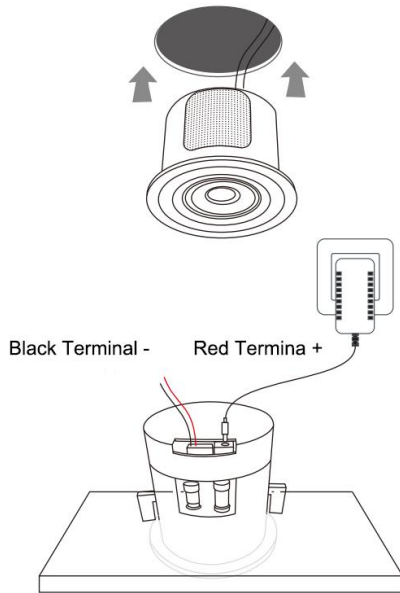
4. Remove the cut-out section.
5. Remove any torn or rough material around the cutout.

● Connect the Speaker Wires

1. Pull the speaker wires through the cutout. From your standing position, pull out enough wire to connect the speaker.



2. Connect the speaker's red terminal to the positive (+) output terminal of the playback device.



3. Connect the speaker's black terminal to the negative (-) output terminal of the playback device.

4. Connect the speaker's power adapter.

● Install the Speaker

1. Remove the speaker grille. Hold the speaker on both sides and insert it into the cutout.
2. Extend the two mounting tabs to secure the speaker against the ceiling. Tighten the screws and reinstall the grille.