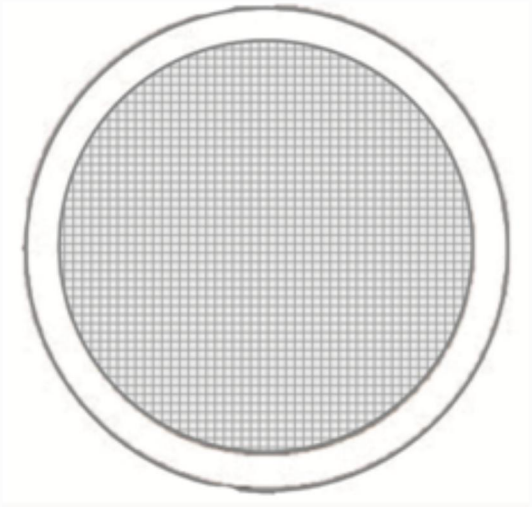
SPON

CEILING SPEAKER
INSTALLATION MANUAL



IP NETWORK PUBLIC ADDRESS SYSTEM

1.Summary

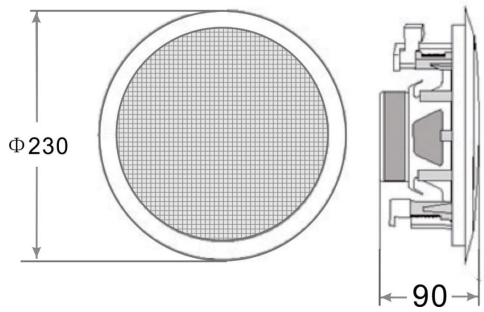
This product is a full frequency ceiling speaker. The 6-inch loudspeaker with coaxial tweeter paper basin has clear sound quality and wide frequency band. Strong moving clamp design, easy to install, compound suspension and damping treatment, longer life.

2.Specifications & Parameters

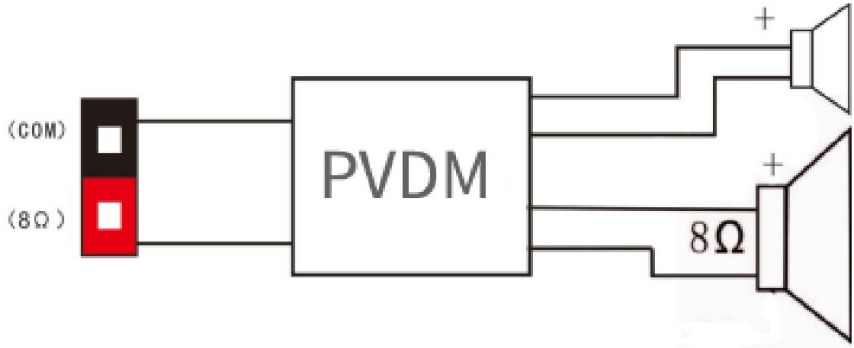
Electric Parameters	Speaker unit	6 inch coaxial treble speaker
	Max power rate	35W
	Rated Power（PHC）	25W
	Frequency（1kHz,1meter）	91dB±3 dB
	Valid Frequency range（-10dB）	80-15kHz
	Rated Impedance	8Ω
	Input port	Connecting bridge
	Color of input port	Red ,Black
Product Information	Product Size	Φ230X 90mm
	Hole size	Φ200mm
	Installation method	Ceiling installation
Raw Material	shell	White ABS
	Net cover material	Iron with white coating
Working Information	Working temperature	-25℃to+55℃
	Working humidity	-40℃to+70℃
	Relative humidity	< 95%

3.Appearance size

Unit: mm



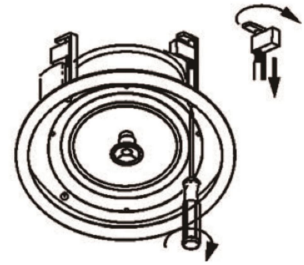
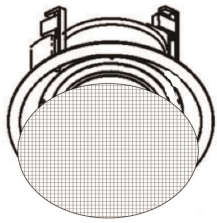
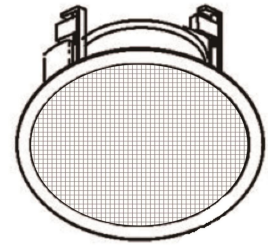
4.Circuit Diagram



Wiring:

The speaker output terminal that can be connected directly to the digital audio terminal is connected to the negative terminal of the digital audio terminal. The red terminal is connected to the speaker output terminal

5.Installation Diagram

1  Cutting a Φ200mm hole in the ceiling	2  Connecting speaker to the ceiling by screw
3  Departing the net cover from speaker	4  Installing the net cover back to speaker

6.Fault excluding

Fault phenomenon	Reason and Methods Of Fault Excluding
Low sound or no sound	1. Check whether wiring are correctly, and no short circuit happens. 2. Amplifier with different power rate should be checked whether choosing correct power rate 3. Wire should be longer slightly to avoid any internal circuit of speaker
Poor sound quality or noise occurring	1. Check the sound resource whether it is with poor sound quality. 2. Check whether you choose correct wire Check whether the speaker is fixed firmly or not. Insufficient fixing may cause vibration, resulting in poor sound quality. 。

7. Packing list



Installation manual 1 pcs



Certification 1pcs



Ceiling speaker 1 pcs

SPON Communications Co., Ltd.
www.sponcomm.com
Service Hotline: 86-731-85570190
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