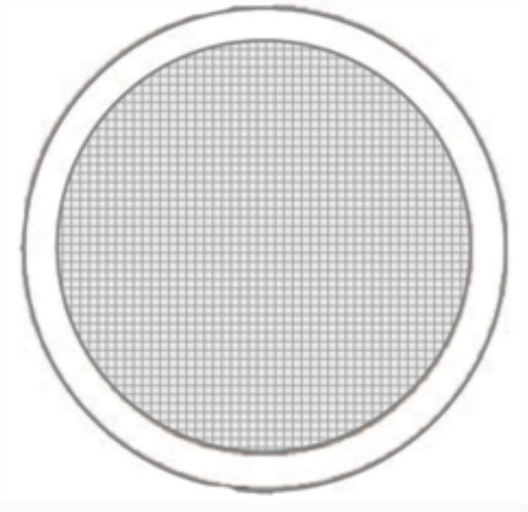
SPON

CEILING SPEAKER

INSTALLATION MANUAL



IP NETWORK PUBLIC ADDRESS SYSTEM

1.Summary

(1)NAC-111 is a full frequency ceiling speaker with 5 inch coaxial treble speaker unit to make sound clear. Besides it is with mounting tab to make installation easier

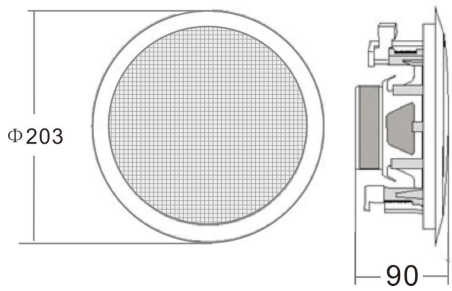
(2)NAC-111 ceiling speaker can connect 100V amplifier directly. Users can realize different power rate options via this speaker.

2.Specifications & Parameters

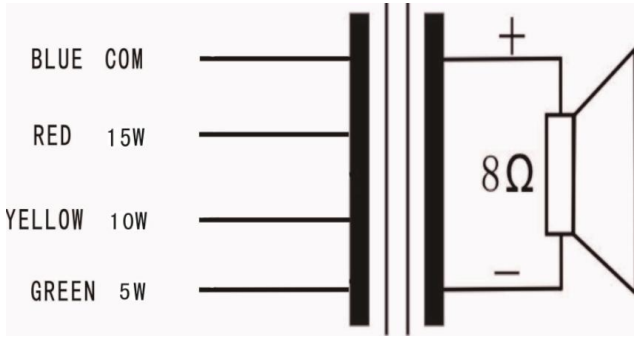
Electric Parameters	Speaker unit	5 inch coaxial treble speaker
	Max power rate	25W
	Rated Power（PHC）	15W
	Frequency（1kHz,1meter）	89dB±3 dB
	Valid Frequency range（-10dB）	80-15kHz
	Rated Voltage	100V
	Input port	Connecting bridge
	Color of input port	Blue, Red , Yellow, Green
Product Information	Product Size	Φ203X 90mm
	Hole size	Φ170mm
	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:

When wiring , user should connect amplifier COM to blue wire.

And amplifier 100V input should connect as follows

Eg:

When using 15W rated power, 100V input should connect red wire,

When using 10W rated power, 100V input should connect yellow wire,

When using 5W rated power, 100V input should connect green wire,

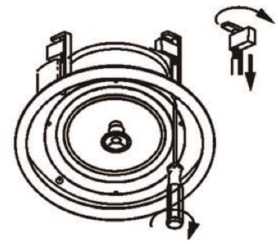
5.Installation Diagram

1



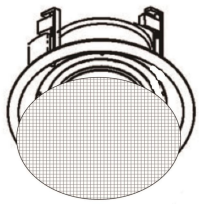
Cutting a Φ200mm hole in the ceiling

2



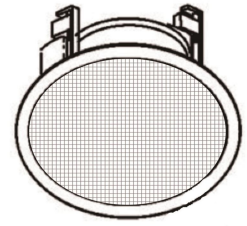
Connecting speaker to the ceiling by screw

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

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