

NAC-152

Voice Tracking Speaker



SPON Voice Tracking Speaker NAC-152 is embedded with SPON's proprietary IP Audio digital network audio technology, enabling high-quality, low-latency audio transmission over the network. It is suitable for guided tours and visitor explanation applications in museums, corporate showrooms, and similar venues.



MAIN FEATURES

▲ Integrated Design

- The antenna and speaker are integrated into a single unit, featuring a clean appearance and easy installation.

▲ High-Quality Sound Performance

- Coaxial speaker with independent high and low frequency crossover delivers clear sound, with bright and transparent highs and powerful, rich lows.

▲ Flexible Power Supply

- Supports PoE power supply.
- Supports AC or DC power input, with a wide voltage range of 24~48V.

▲ Stable Wireless Microphone Connection

- Supports wireless access for 1~4 microphones, ensuring stable connections with no interference between wireless transmission and audio output.

▲ Versatile Installation Options

- Integrated structure supports ceiling embedded installation, as well as mounting via suspension rods or chains.

▲ Status Indicator Display

- LED indicators clearly show device status, including network connectivity, microphone connection, amplification status, and device faults.

SPECIFICATION

POWER PARAMETERS

Power Supply:	DC24V 2A/DC48V 1A/ AC24-36V/POE(802.3at)
Standby Power Consumption:	≤3W
Rated Power Output(DC Power):	20W/8Ω
Rated Power Output(POE Power):	15W/8Ω

AUDIO PARAMETERS

Max.SPL	101dB±3dB
Sensitivity	88dB±3dB/W/M
Frequency Response:	80Hz~20KHz
Audio Sampling:	48KHz

NETWORK PARAMETERS

Network Transmission Rate:	10/100M(Self-Adaptive)
Network Protocols:	UDP,ARP,ICMP,HTTP,IGMP
Configuration Method:	Web Interface

MECHANICAL&ENVIRONMENT PROPERTIES

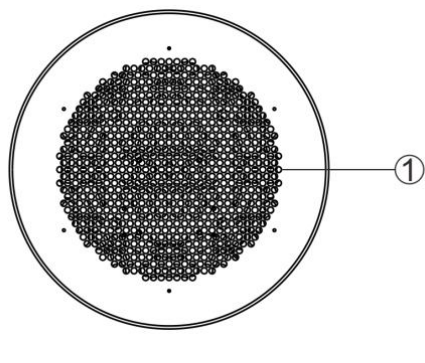
Mounting Method:	Ceiling, Hangers ,Chains
Installation Environment:	Dry Indoor Locations Only
Operating Temperature:	-20°C~+50°C
Operating Humidity:	10%~90%RH (No Condensation)
Body Material:	Metal Plate
Color:	Gray
Product Dimensions:	Φ268x182mm
Product Warranty:	2 Years

STANDARD ACCESSORIES

1× Power Adaptor DC24V,2A(Optional)
1× Connection Terminal(3.81-2P)
1× Connection Terminal(3.81-6P)
1×Quick Installation Guide
1×Warranty Card&Quality Certificate

CONNECTION DIAGRAM

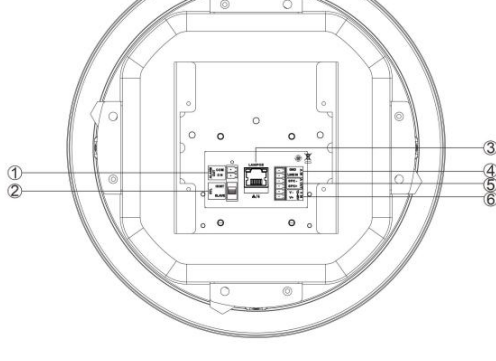
[Front Panel]



① Status Indicators

- Host Mode: Green light flashes slowly upon power-on. After successful network setup, it enters standby mode with a faint red light. A green light illuminates when a microphone is connected, and the light goes out when the microphone is disconnected.
- Slave Mode: Red light remains constantly on upon power-on. After successful network setup, it enters standby mode with a faint red light. A green light illuminates when a microphone is connected, and the light goes out when the microphone is disconnected.

[Rear Panel]



①Alarm Output Interface

②DIP Switch (Host/Slave): For switching between Host Mode and SlaveMode.

Note: The device defaults to Slave Mode at factory.

③Network Interface: Insert an Ethernet cable to connect to a switch or PoEswitch.

④Line Input Interface: Enabled by default.

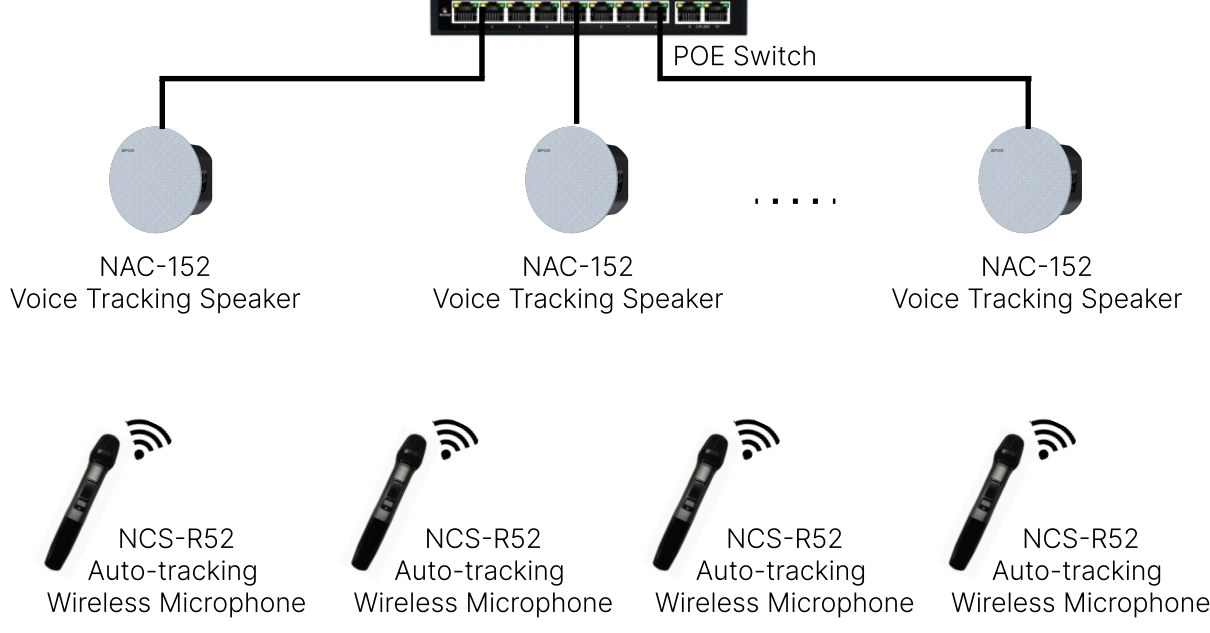
⑤Power Output Interface

⑥Power Interface: Supplies power to the voice tracking speaker. (This devicesupportsPoE power supply. If the network interface is connected to a PoE switch, anadditionalpower connection is not required.)

APPLICATION

■ Application 1

The XC-9825A supports a one-master, multiple-slave speaker setup. The presenter's wireless microphone NCS-R52 automatically connects to the nearest speaker, providing instant local amplification.



DIMENSIONAL DRAWING

