DSP6114VF

Outdoor AI SNR Self-adaptive POE Column Speaker

Description

The Outdoor AI SNR Self-adaptive POE Column Speaker system features high-sensitivity, wide dynamic range drivers for powerful bass output. Integrated with third-party SIP servers, it seamlessly connects to mainstream network cameras and video management platforms. The device automatically detects ambient noise levels through AI technology to dynamically adjust volume settings. With built-in thermal protection and short-circuit safeguards, this versatile solution is ideal for public address systems across diverse applications.
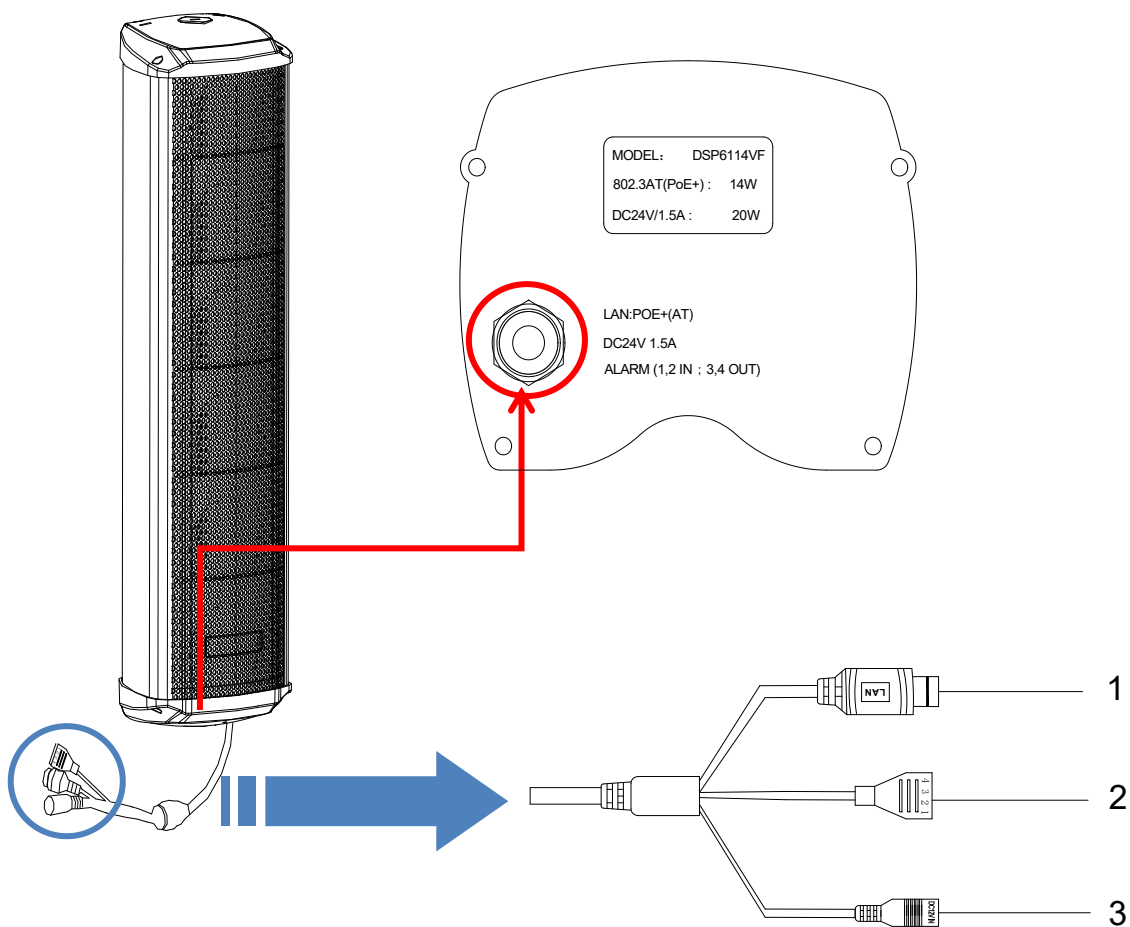
Features

- The product features a high-sensitivity, wide dynamic range speaker unit with a two-way crossover design.
- It delivers powerful bass and clear, refined treble for excellent audio reproduction.
- Equipped with an integrated digital amplifier that ensures minimal distortion, low noise, and extended dynamic range.
- It is ideal for long-term outdoor use.
- It supports standard SIP connectivity to third-party SIP servers.
- It incorporates environmental noise detection technology that automatically adjusts the speaker's volume.
- The system also includes alarm input trigger interfaces and output indicator light interfaces.
- Protection Rating: IP56.
- The front panel is made of polymer thermo-injection molding, featuring waterproof and mildew-resistant properties.
- The aluminum housing, aluminum cover, and aluminum grille are made of aluminum alloy with a UV-resistant baked-paint finish, ensuring long-term outdoor durability.

Specifications

Model			DSP6114VF
Sound System		Speaker Unit	4"×2, 1"×1
		Sensitivity (1m,1W)	88±2dB
		Max.SPL (1m)	101±2dB
		Frequency Response	160Hz-16kHz
		Rated Power (RMS)	802.3at (POE+) 14W, DC24V 20W
		Impedance	8Ω
PA System	NET Play Built-in Amplifier	Frequency Response	160Hz-16kHz (±3dB)
		Distortion	≤1%
		SNR	≥76dB
Power Supply			POE+, DC24V
Outer Package Size (H×W×D mm) (two pieces)			475×310×190mm
Product Size (H×W×D mm)			418×137×117mm
Gross Weight			7.5kg (2PCS/CN)
Net Weight			2.95kg

Front / Rear Panel

MODEL： DSP6114VF
802.3AT(PoE+)： 14W
DC24V/1.5A： 20W

LAN:POE+(AT)
DC24V 1.5A
ALARM (1,2 IN；3,4 OUT)

1

2

3

1. Network Interface

2. Pins 1 and 2: High/Low Level Input

Configure the input mode on the web interface under "Basic Information" (High level: 5–24V, Low level: 0V). When the corresponding level signal is input, the horn speaker alarm will be triggered.

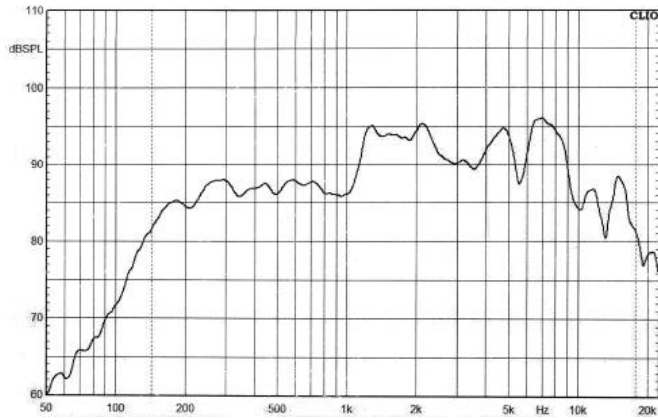**Pins 3 and 4: Short-Circuit Signal Output During Alarm**

To enable short-circuit signal output, the "Output Control" option must be checked in the alarm settings on the web interface.

3. DC24V Power Input Cable

Performance Specification Diagram

Frequency Response
(dBSPL, 1W, 1m)

Distortion
(THD< 1.5%   1W, 1m, 200Hz~10kHz)

The specifications will be subject to change without prior notice.