

DSP9337

Emergency Intercom Speaker



Description

The Emergency Intercom Speaker is equipped with a high-sensitivity microphone and noise reduction algorithms, enabling long-distance voice pickup and clear audio capture in noisy environments. It supports integrated speech recognition and voice-controlled dialing. In addition, SIP targets can be flexibly configured via a web interface, improving operational convenience. It also provides reserved IO ports for external call buttons, allowing users to expand functionality according to on-site requirements. When specific keyword voice input is detected, the system can automatically trigger an alarm. The device supports traditional network speaker functions, including SIP/VoIP protocol support, two-way intercom, and basic voice control capabilities, offering differentiated advantages over conventional IP speakers and enhancing market competitiveness.

Features

- Supports standard SIP protocol.
- Supports two-way intercom.
- Supports audible and visual alarm functions.
- Supports broadcasting, intercom, and remote voice paging.
- Supports intelligent keyword-based alarm detection with real-time alerts.
- Optional alarm notification methods: phone call, SMS, and IP call.
- Automatically records alarm events for traceability and analysis.
- Alarm keywords can be customized, up to 200 groups.
- Alarm keyword sensitivity and trigger count can be customized based on the on-site environment.
- Supports distributed mode, allowing standalone operation without a server.
- Built-in mounting holes for easy installation.
- Durable injection-molded engineering plastic housing; anti-deformation and anti-fading.
- Speaker suspension damping design for long lifespan, high sensitivity, and clear sound reproduction.
- High-sensitivity microphone with noise reduction algorithm for long-distance and noisy-environment

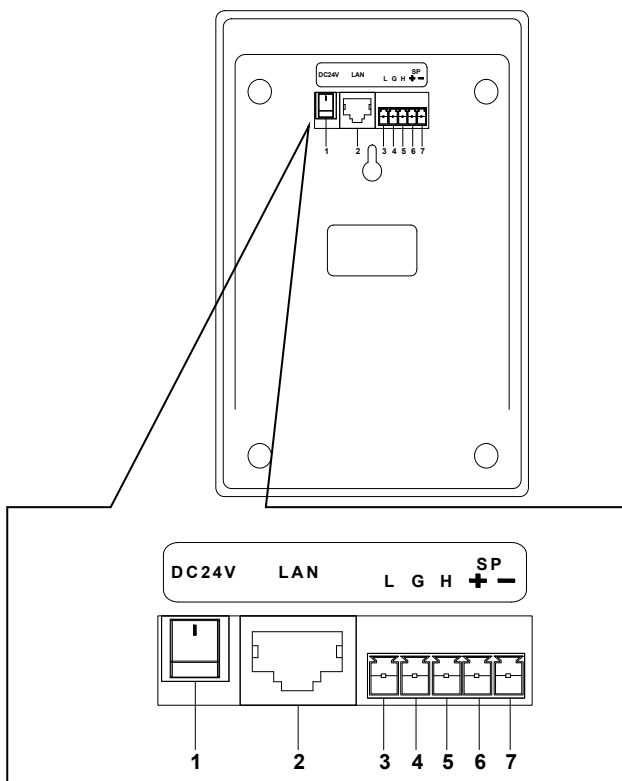
voice pickup.

- Integrated speech recognition with voice-controlled dialing; flexible SIP target configuration via web interface for improved usability.
- Reserved IO interface for external call buttons, enabling functional expansion based on user needs.

Specifications

	Model	DSP9337
Acoustic System	Speaker Unit	4.5" × 1
	Sensitivity	92 ± 2 dB
	Maximum SPL	102 ± 3 dB
	Frequency Response	150 Hz – 6 kHz
	Rated Impedance	8 Ω
	Total Harmonic Distortion	≤ 7%
Amplifier	Frequency Response	80 Hz – 16 kHz ±3 dB
	Signal-to-Noise Ratio	≥ 76 dB (A-weighted)
	Distortion	≤ 1%
	Rated Power	10 W × 2
	Playback Sensitivity	-10 dB
Other Specifications	Network Interface	RJ45 (10/100M)
	Supported Protocols	DHCP, UDP, ICMP, IGMP (multicast)
	Power Input	DC24V
	Package Dimensions (L × W × H)	280 × 195 × 125 mm
	Product Dimensions (L × W × H)	274 × 183 × 113 mm
	Gross Weight	2 kg
	Net Weight	1.7 kg

Front / Rear Panel



1. DC 24V Power Input
2. Network Interface (LAN)
3. Low-Level Trigger
4. GND (Common Ground)
5. High-Level Trigger
6. External Speaker Output (+)
7. External Speaker Output (-)