

DSP9110

Standalone IP Network Intercom & Paging Console



Description

The Standalone IP Network Intercom & Paging Console is a high-fidelity network-based visual intercom paging device built on multiple transmission protocols such as TCP/IP, SIP, and UDP. It supports integration with external SIP-based video intercom devices within the system. It enables visual communication, intercom, paging, and control operations. With the high stability of traditional paging stations, it operates reliably with a low failure rate. The system adopts full digital signal transmission with intelligent control as its core.

Features

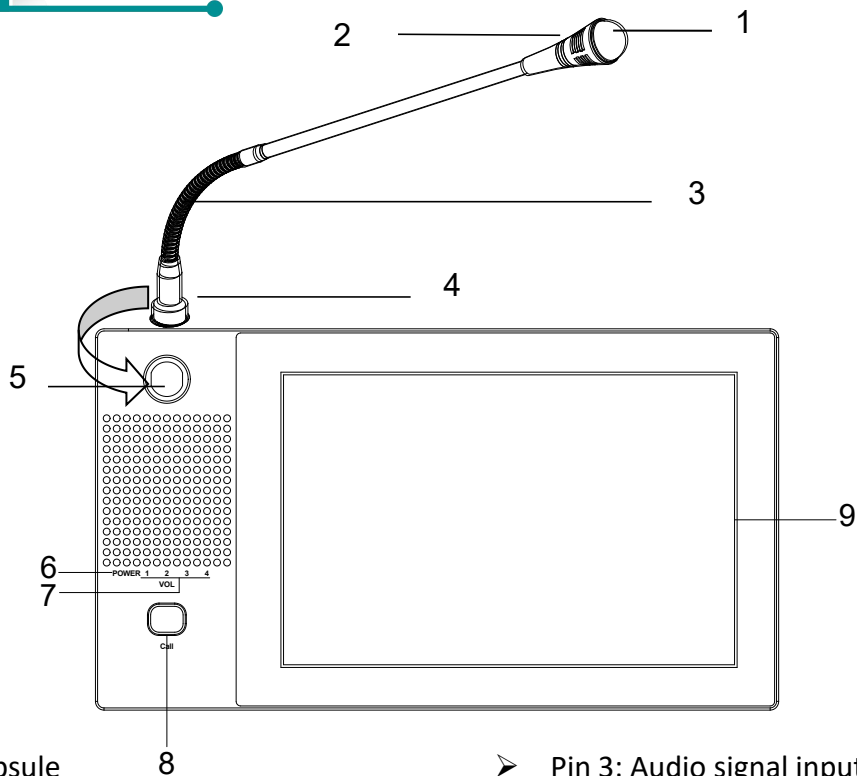
- 10.1-inch full-color LCD display with capacitive touch screen, supporting manual touch operation.
- Supports zone/group selection: single selection, multi-selection, and one-key select all.
- Supports multiple operations for zones: intercom, broadcast, monitoring, surveillance, and music playback.
- Displays zone status information and allows filtering of focused zones; supports zone monitoring access.
- Supports incoming call reminders from terminals.
- Multi-level signal level indication for intuitive paging volume monitoring.
- Adjustable screen backlight time and brightness for energy-saving operation.
- User password and permission management.
- Language switching supported: Simplified Chinese / English.

- Desktop design structure.
- High-fidelity capacitive gooseneck microphone design.
- One-key all-zone paging for emergency use.
- Supports intercom communication between intelligent paging consoles.
- Supports playback of local media library music.

Specifications

Model	DSP9110	
System MIC Input, Decoder Terminal Line Output	Maximum Undistorted	≥ 1V
	Input Sensitivity	15 ± 1 mV
	Effective Frequency	200 Hz – 4 kHz
	Signal-to-Noise Ratio	≥ 58 dB
	Total Harmonic Distortion	≤ 1%
System Line Input, Decoder Terminal Line Output	Maximum Undistorted	≥ 1V
	Input Sensitivity	130 – 1000 mV
	Effective Frequency	200 Hz – 4 kHz
	Signal-to-Noise Ratio	≥ 58 dB
	Total Harmonic Distortion	≤ 1%
Intercom Panel MIC Input, System Line Output	Maximum Undistorted	≥ 1V
	Input Sensitivity	15 ± 1 mV
	Effective Frequency	500 Hz – 2 kHz
	Signal-to-Noise Ratio	≥ 58 dB
	Total Harmonic Distortion	≤ 3%
Intercom Panel Input, Monitoring Speaker Output	Maximum Undistorted	≥ 2V
	Input Sensitivity	15 ± 1 mV
	Effective Frequency	500 Hz – 2 kHz
	Signal-to-Noise Ratio	≥ 58 dB
	Total Harmonic Distortion	≤ 3%
Package Dimensions (L × W × H)	425 × 355 × 150 mm	
Product Dimensions (L × W × H)	320 × 174 × 77 mm	
Gross Weight	3 kg	
Net Weight	2.05 kg	

Front Panel



1. Microphone Capsule

Do not tap or impact the microphone head during use.

2. Microphone Indicator Ring

- Lights up when the microphone is active for paging.
- Synchronizes with the microphone button indicator during zone paging.

3. Microphone Gooseneck

Allows flexible adjustment of the microphone angle.

4. Microphone Connector (5-pin XLR)

- Pin 1: Microphone red indicator light.
- Pin 2: Not connected.

➤ Pin 3: Audio signal input.

➤ Pin 4: Signal ground.

➤ Pin 5: Indicator power supply.

5. Microphone Socket

5-pin XLR socket corresponding to the microphone connector.

6. Power Indicator

7. Volume Level Indicator

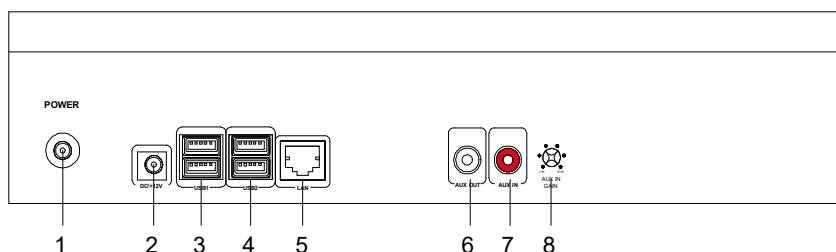
8. Paging Button

Used for all-zone paging.

9. LCD Display

Displays system status and operation interface; supports touch operation.

Rear Panel



1. Power Switch

2. Power Input Interface

3. USB Port 1

3. USB Port 2

5. Network Port (LAN)

6. Line Audio Output

7. Line Audio Input

8. Line Input Gain Control Knob