

Discreet Design for Indoor IP Solutions

Based on open standards, the IP-A1PC238 IP Ceiling Speaker plug right into standard IP networks and can be easily integrated into your video management system (VMS) or SIP-based communication system. A single standard network cable provides both power and connectivity with your network. The IP-A1PC238 IP Ceiling Speaker comes with a built-in 8 W power amplifier and spring clamps for easy and quick installation. Its light weight and universal applicable diameter enable a variety of indoor applications.

Easy to customize over API (Application Programming Interface): Adapt the individual volume to the environmental noise level and optimize it to time of day, distance, and degree of emergency.

Flexible group paging: The IP-A1PC238 IP Ceiling Speaker can be addressed via multicast enabling audio paging into groups of IP devices simultaneously.

Application examples:

Audio calls and paging into indoor areas like offices, conference areas, doctor's offices, educational facilities, hotels or malls.



Article number:IP-A1PC238

Specifications

Indicator	LAN: LINK/ACT (green), STATUS (orange)
Internal Messages	<p>Max. 20 messages (Max. recording capacity: 80 MB)</p> <p>Supported file formats:</p> <ul style="list-style-type: none"> WAV file: 8/16/44.1/48 kHz sampling frequency, 8/16 bit, monoaural/stereo MP3 file: 32/44.1/48 kHz sampling frequency, 64 - 320 kbps, CBR/VBR, monoaural/stereo <p>Repeat playback: Playcount (1 - 10 times), Duration (5 - 3600 s) or Timer (from start time to end time)</p> <p>Interval time: 0 - 60 s, Delay time: 0 - 30 s</p> <p>Trigger: Control Input or Remote API (HTTP)</p>
Audio Codec	PCMU (G.711u), PCMA (G.711a), G.722
Power source	PoE (IEEE802.3af Class 3)
Rated output	8 W
Sensitivity (1#V, 1#m)	94 dB (500 Hz - 5 kHz, pink noise)
Broadcasting Mode	<p>SIP Broadcasting Mode: PCMU/PCMA/G.722, P2P/SIP Server Connection</p> <p>Multicast Broadcasting Mode: PCMU/PCMA/G.722, Auto codec recognition, 20 ports</p> <p>VMS Broadcasting Mode: ONVIF Audio Backchannel, PCMU</p> <p>Internal Message Broadcasting Mode</p> <p>Note: Each broadcast mode can be assigned an order of priority using the Priority Setting function.</p> <p>ONVIF is a registered trademark of ONVIF Inc.</p>
Control input	2 channels, no-voltage make contact inputs, open voltage: 5 V DC, short-circuit current: 2 mA or less, removable terminal block (6 pins)
Frequency response	60 Hz - 20 kHz (peak -20 dB)
Power consumption	12.95 W (rated output) 5 W (IEC62368-1)
Control output	1 channel, open collector output, withstand voltage: 30 V DC, control current: 10 mA or less, removable terminal block (6 pins)
Digital control I/F	Remote API (HTTP commands)
Max. SPL (1 m)	103 dB (8 W)
Network I/F	100BASE-TX, Auto MDI/MDI-X, RJ-45 connector
Network protocol	TCP/IP, UDR, HTTP, RTP, RTSP, RTCP, ARP, ICMP, IGMPv3, NTP, SIP (RFC3261)
Speaker component	16 cm cone-type
Mounting hole	# 200 ± 2 mm
Ceiling thickness	5 - 25 mm
Speaker mounting method	Spring clamp
Clock Accuracy	±13 s per month, Power outage protection period: 24 h (RTC time retention, at 40 °C)
Time Adjustment	Manual time setting, Time adjustment by NTP server
Finish	paint, traffic white (RAL 9016 or equivalent), frame: steel plate / grill: steel net
Operating humidity	90% RH or less (no condensation)
Operating temperature	0 °C to +50 °C



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Appearance