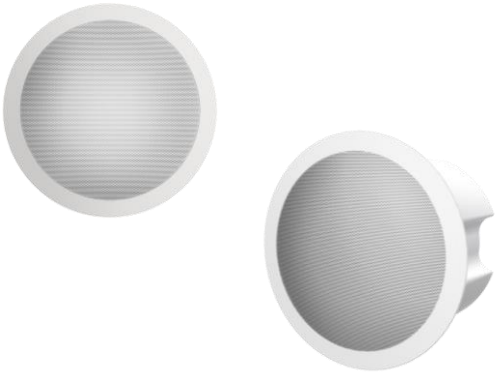


FH-S01 SIP Ceiling Speaker

FH-S01 is a SIP ceiling speaker featuring paging, multicasting, broadcasting and talkback functionalities. It supports up to 10 multicast zones with prioritization. It delivers high-intelligibility performance with G.722&Opus codecs. Adopted standard SIP 2.0(RFC3261) and related RFC protocols, it has strong compatibility and scalability.



Highlights

- ☑ All in one functionalities with audio codec, digital amplifier and speaker
- ☑ High-intelligibility performance with G.722&Opus codecs
- ☑ Support up to 10 multicast zones with prioritization
- ☑ Audio power up to 20W with built-in class D amplifier
- ☑ Support talkback with built-in microphone
- ☑ Customize the WAV file for emergency notification and alarming
- ☑ Linkage with security alarming devices
- ☑ Support remote configuration via web page and auto-provisioning
- ☑ 10/100 Mbps Ethernet, Integrated PoE(IEEE 802.3af, class 0)
- ☑ Ideal for school, office, station, retail, factory, etc.



Generic

- 2 SIP lines
- Ceiling installation
- MP3 broadcasting
- 10 multicast zones
- Talkback application
- Link with security alarm device
- PoE enabled
- Support DC power supply

Device Functions

- Auto-answering
- Network time synchronization
- Web page volume adjustment
- Dynamic multicast function
- Support recording (through server)
- Action URL / Active URI

Audio

- Audio codecs: G.711A/U, G.729A/B, iLBC, G.723, G.726-32K,G.722, Opus
- Speaker:
  - Frequency response：100-20KHz
  - Sensitivity:89dB±3dB 1m/1W
  - Impedance:8Ω
  - MAX SPL:96 dB
  - Audio Power: PoE/10W,12V/10W,18V/15W,24V/20W ; related to power supply voltage.
- Mic:
  - Omni-Directional
  - Sensitivity:-36±3dB, impedance 2.2k ohm, bias voltage 2V

Network

- 10/100 Mbps
- Network mode:IPv4/IPv6/IPv4&IPv6
- IP Setting:Static IP / DHCP / PPPoE
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- PPPoE
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

Deployment & Management

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PnP/TR-069
- Web management portal
- Web-based Packet-dump
- Configuration export / import
- Firmware upgrade
- Syslog

Physical Specifications

- DC port x1: DC power input
  - Port:2 Pin terminal socket
- RJ45 port x1: connect the network
  - Power over Ethernet(IEEE 802.3af, class 0)
- Short circuit input and output port x1(built in relay)
  - Relay:MAX DC30V/2A
  - Port:terminal socket
- Blue LED x1:Power status
- DC power input: DC 12~24V/2A
- Power Consumption (PoE): 1.31~11.82W
- Power Consumption (Adapter): 0.76~14.71W
- Qty/CTN: 20pcs
- N.W/CTN: 7.66 kg
- G.W/CTN : 10.88 kg
- Working temperature: -20℃~ 50℃
- Storage temperature: -30℃~ 60℃
- Working humidity: 10~95%
- Installation: Ceiling-mounted
- Color: White
- Device overall dimensions: 238.5mm x 238.5mm x 148.3mm
- Device back box dimensions: 202.5mm x 202.5mm x 139mm
- Gift box dimensions: 270mm x 270mm x 188mm
- Outer CTN dimensions: 560mm x 283mm x 410mm(4 PCS)

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.

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