

Algo 1198 Ceiling Speaker



Product Name: Algo 1198 Ceiling Speaker

Manufacturer: Algo

Model Number: Algo-1198

Algo 1198 Ceiling Speaker

The Algo 1198 Ceiling Speaker can bring about significant cost savings when combined with one or more 8198 SIP PoE+ Ceiling Speakers for extensive IP ceiling speaker deployments in locations like schools, retail stores, airports, and offices. Satellite speakers are linked to the 8198 in a daisy chain fashion using standard CAT5/CAT6 patch cables. The 8198 IP Speaker automatically identifies and monitors each attached 1198 Satellite Speaker for connectivity. The 8198 web GUI displays the number of connected satellite speakers, and this information is also visible in the 8300 Supervision Controller when it's in use.

Algo 1198 Ceiling Speaker Key Features:

17:1/2 SIP Compliance and Multicast Capability

� Daisy Chain Connection

� Automatic Satellite Speaker Integration

� Speaker Supervision and Compatibility

The satellite speakers, which closely resemble the 8198 IP speaker in both appearance and acoustic output, can respond to ambient noise based on the 8198 microphone's noise detection. By default, they also adopt the zone and volume settings of the 8198 speaker.

Algo 1198 Ceiling Speaker Technical Specifications Power

ï¿1/2 PoE / PoE+ 48 V PoE IEEE 802.3af/at

ï¿1/2 Max 25.5 W - Idle nominal 2.5 W

SIP

ī¿1/2 Extensions: 50 Page & Damp; 10 Alerting/Ring extensions with multicast scalability

ï¿1/2 Transport Protocols: UDP, RTP, TCP

ï¿1/2 Security: TLS, MTLS, SRTP

Multicast Compatibility

ï¿⅓ Multicast: RTP Multicast (Send & Deceive 50 zones)

เช้น Third Party Multicast: PolycomTM Group Page, SinglewireTM InformaCast, Syn-AppsTM Revolution

API

� API: RESTful API

Digital IO

าั¿½ Relay Input Normally open or normally closed dry contact supervision.

تزير Compatible with Algo 1202, 1203, and 1204 Accessories.

Satellite Speakers

12/2 Quantity: Up to 3 x 1198 Satellite Ceiling Speaker

ī¿½ Speaker Connections: Patch cable 4 Pair UTP 24 AWG RJ45 plug terminated T568A or



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T568B "Straight-Through". Maximum recommended patch cable length 50 feet (13m) between each speaker.

12.1/2 Supervision: Auto-detection and monitoring of up to three satellite speakers

าั¿½ Configuration: Via host 8198 IP Speaker web interface

Audio

آزار Audio Codecs: G.711 A-law, G.711 u-law, G.722, Opus 48 kHz

� Driver: 6.5" (16.5 cm) Coaxial UV stabilized

آذِ 12 Driver Response: 55 – 18,000 Hz (- 10 dB)

تز1/2 Driver Sensitivity: 88 dBA 1m/1W (1 kHz)

آذِ½ Max Audio Power: 16 Watts (shared equally between 8198 and up to 3 x 1198)

� Dispersion Angle: 140° (2 kHz -6 dB)

ï¿1/2 Audio Memory: 1 GB

าั¿½ Microphone: Omni-directional, talkback and ambient noise monitoring

า๊¿1/2 Audio Controls: Volume, AGC, Latency, LF Cut

า๊¿½ Anti-Feedback Delay: Cache to memory and release

Network

ï¿1/2 Network: IPv4, IPv6, DHCP, VLAN, MDNS

ï¿1/2 Secure SIP: TLS, MTLS, SRTP

ï¿1/2 Link Layer: LLDP, CDP

� QoS: DSCP (SIP, RTP, RTCP)

� Web Interface: HTTP, HTTPS

تز½ Provisioning: TFTP, FTP, HTTP, HTTPS

� DHCP Options 66, 150, 160

� Reboot via SIP Check-sync

آذِيً NAT: STUN, TURN, CRLF Keep Alive, SIP Outbound

ï¿⅓ Address Resolution: DNS, SRV Record

تز½ Supervision: SNMP V1.3, RTCP, Algo 8300

า๊¿½ Redundancy: Secondary & Tertiary SIP Servers

Environmental & amp; Mechanical

า๊¿½ Satellite Speaker Connector: 1 x RJ45 output connector

� Environmental: 32 to 104 deg F (0 to + 40 degC); 10-95% RH non-condensing. Dry indoor locations only. (Contact Algo for extreme environments)

Ti₂½ Dimensions: 8” (20.5cm) Diameter without trim ring, 9.8” (24.9cm) with trim ring, Total height 7.0” (17.8cm)

آذِيًّ Mounting: Blind mounts into 8" hole. Certified for Air Handling Spaces. Clearance requirement of 5.5" (14.0cm) above ½" (1.27cm) gypsum board ceiling آذِيًّ Weight: 6 lb (2.7 Kg)

Certified Compliance

� IEC 62368-1, IEEE 802.3-2018, RoHS, CE, FCC Class A, CISPR 32 Class A, CISPR 24, CSA/UL (USA & Damp; Canada) & Damp; UL2043

Price: £221.50