Algo 1196 Satellite Horn Speaker

Product Name: Algo 1196 Satellite Horn Speaker
Manufacturer: Algo
Model Number: Algo-1196

Algo 1196 Satellite Horn Speaker
The Algo 1196 Satellite Horn Speaker is designed for use with the Algo 8196 (sold separately), this product allows you to connect up to three Algo 1196 satellite speakers to extend coverage. The satellite speakers are daisy-chained using CAT5/CAT6 patch cables and automatically detected by the 8196 IP Speaker for monitoring. The number of connected satellite speakers is displayed in the 8196 web GUI and the 8300 Supervision Controller (sold separately).
Algo 1196 Key Features:

ï¿½ SIP, Multicast, Polycom Group Page, InformaCast, Revolution
ï¿½ 16W audio output power from PoE+
ï¿½ Web GUI configurable + centralized provisioning
ï¿½ TLS, MTLS, SRTP security
ï¿½ Near limitless zoning options
ï¿½ Multicast scalable
ï¿½ Ambient noise responsive
ï¿½ Codec support for G.711, G.722, OPUS 48 kHz

The satellite speakers resemble the 8196 IP speaker and respond to ambient noise based on its microphone detection. They adopt the 8196 speaker's zone and volume settings by default. Installers should have knowledge of Voice over IP configuration and programming via a web interface. Power over Ethernet is required, and a PoE Injector can be used if unavailable. The controller is for indoor use, while the door station is suitable for indoor/outdoor deployment. Basic computer networking and Voice over IP experience is necessary.

Algo 1196 Technical Specifications
Power

ï¿½ PoE / PoE+ 48 V PoE IEEE 802.3af/at
ï¿½ Max 25.5 W - Idle nominal 2.5 W

SIP

ï¿½ Extensions: 50 Page & 10 Alerting/Ring extensions with multicast scalability
ï¿½ Transport Protocols: UDP, RTP, TCP
ï¿½ Security: TLS, MTLS, SRTP

Multicast Compatibility

ï¿½ Multicast: RTP Multicast (Send & Receive 50 zones)
ï¿½ Third Party Multicast: PolycomTM Group Page, SinglewireTM InformaCast, Syn-AppsTM Revolution

API

ï¿½ API: RESTful API

Digital IO

ï¿½ Relay Input Normally open or normally closed dry contact supervision.
ï¿½ Compatible with Algo 1202 and 1203 Accessories.

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Satellite Speakers

ï¿½ Quantity: Up to 3 x 1196 Satellite Ceiling Speaker
ï¿½ Speaker Connections: Patch cable 4 Pair UTP 24 AWG RJ45 plug terminated T568A or T568B "Straight-Through". Maximum recommended patch cable length 50 feet (13m) between each speaker.
ï¿½ Supervision: Auto-detection and monitoring of up to three satellite speakers
ï¿½ Configuration: Via host 8196 IP Speaker web interface

Audio

ï¿½ Audio Codecs: G.711 A-law, G.711 u-law, G.722, Opus 48 kHz
ï¿½ Driver Response: 350 – 8,300 Hz (- 10 dB)
ï¿½ Driver Sensitivity: 108 dBA 1m/1W (1kHz)
ï¿½ Max Audio Power: 16 Watts (shared equally between 8196 and up to 3 x 1196)
ï¿½ Dispersion Angle: 80 degH x 50 degV (2 kHz -6 dB)
ï¿½ Audio Memory: 1 GB
ï¿½ Microphone: Omni-directional, talkback and ambient noise monitoring
ï¿½ Audio Controls: Volume, AGC, Latency, LF Cut
ï¿½ Anti-Feedback Delay: Cache to memory and release

Network

ï¿½ Network: IPv4, IPv6, DHCP, VLAN, MDNS
ï¿½ Secure SIP: TLS, MTLS, SRTP
ï¿½ Link Layer: LLDP, CDP
ï¿½ QoS: DSCP (SIP, RTP, RTCP)
ï¿½ Web Interface: HTTP, HTTPS
ï¿½ Provisioning: TFTP, FTP, HTTP, HTTPS
ï¿½ DHCP Options 66, 150, 160
ï¿½ Reboot via SIP Check-sync
ï¿½ NAT: STUN, TURN, CRLF Keep Alive, SIP Outbound
ï¿½ Address Resolution: DNS, SRV Record
ï¿½ Supervision: SNMP V1.3, RTCP, Algo 8300
ï¿½ Redundancy: Secondary & Tertiary SIP Servers

Environmental & Mechanical

ï¿½ Satellite Speaker Connector: 1 x RJ45 output connector
ï¿½ Environmental: -40 to 122 deg F (-40 to + 50 degC). Designed to meet IP66 requirements. Suitable for outdoor and wet environments when properly installed.
ï¿½ Horn & Enclosure UV stabilized outdoor rated plastic with stainless steel mounting hardware.
ï¿½ Horn Mouth Dimensions 11” x 6.6” (28cm x 16.8cm)
ï¿½ Mounting: Wall, ceiling or double gang electrical box. Pole mount bracket available.
ï¿½ Aim Adjustment: Three axis
ï¿½ Weight: 6 lb (2.7 Kg)

Compliance

ï¿½ IEC 62368-1, IEEE 802.3-2018, RoHS, CE, FCC Class A, CISPR 32 Class A, CISPR 24, CSA/UL (USA & Canada)

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Price: $348.25