Algo 8190 IP Speaker Array with LED Clock

Product Name: Algo 8190 IP Speaker Array with LED Clock
Manufacturer: Algo
Model Number: Algo-8190

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The Algo 8190 SIP Speaker serves as an IP paging speaker designed for various applications, including classrooms and commercial public address (PA) systems. This speaker functions as a fully compliant 3rd party SIP endpoint, making it compatible with a wide range of hosted/cloud and premise-based VoIP telephone systems.
Algo 8190 IP Speaker Array with LED Clock:

ï¿½ High visibility clock.
ï¿½ Public address (PA) IP speaker.
ï¿½ Configuration via user friendly web interface or auto-provisioning.
ï¿½ Secure SIP using TLS and SRTP.

The PoE 8190 SIP Speaker – Clock offers wideband HD voice, dynamic volume control, and talkback capability with an integrated call button. It supports custom WAV files for emergency notifications and loud ringing. Ideal for schools, hospitals, government offices, transport terminals, and workplaces. Cost-effective and easy to install with PoE+ (IEEE 802.3at) support. Enhance communication in various settings.

Algo-8190 Technical Specifications
Power Input

ï¿½ PoE IEEE 802.3af or 802.3at (PoE+ recommended)
ï¿½ (Max 30W) - Idle nominal 2.0W without clock active

SIP

ï¿½ Paging extension (with or without hands-free talkback)
ï¿½ 10 Audible/Visual alerting extensions
ï¿½ UDP, TCP, TLS, RTP, SRTP
ï¿½ Multicast: Receive 50 zones
ï¿½ IGMP, RTP, Polycom Group Page, InformaCast

Audio Codecs

ï¿½ G.711 A-law, G.711 u-law, G.722 Wideband.

Configuration

ï¿½ Web interface or provisioning server
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.

Networking

ï¿½ IPv4, DHCP, VLAN, MDNS
ï¿½ Link Layer: LLDP, CDP
ï¿½ QoS: DSCP
ï¿½ Supervision: SNMP

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ï¿½ NAT: STUN, TURN, CRLF Keep Alive
ï¿½ SIP Outbound
ï¿½ Address Resolution: DNS, SRV Record
ï¿½ Redundancy: Secondary and tertiary SIP server
ï¿½ Time: NTP Server (up to four)

Enclosure

ï¿½ High impact UV stabilized flame retardant plastic - light grey with concealed metal mounting bracket.

Button Functions

ï¿½ Call SIP Extension.

Speaker

ï¿½ 4 Element wideband array Neodymium.

Audio

ï¿½ SPL: 98 dB SPL @ 1m
ï¿½ Freq Response: 100 - 15,000 Hz +/- 3dB
ï¿½ Dispersion Angle: 140 deg H x 25 deg V (-6dB 2 kHz)
ï¿½ Microphone: Omnidirectional
ï¿½ Talkback & ambient noise monitoring
ï¿½ Audio Memory: 1 GByte audio storage

Relay Output

ï¿½ Normally open or normally closed dry contact 50mA 30V
ï¿½ Max. Activation event configurable.

Relay Input

ï¿½ Max 6.5 kOhm external resistance. Compatible with 1202 & 1203 Call Buttons and 1204 10-Step Volume Control

Visual Alerting

ï¿½ Optional - 24 Cree LED per side RGBW

Clock

ï¿½ White LED 2.25” (57.2 mm)

Door Relay

ï¿½ Max 5A 30V. Relay input monitors door position

Environmental

ï¿½ Indoor 32 to +104 deg F (0 to +40 deg C)

Dimensions

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ï¿½ 8.25” W x 16'' H x 3'' D
ï¿½ 21.0 cm W x 40.6 cm H x 7.6 cm D

Mounting

ï¿½ Wall mount metal bracket included. Concealed wiring or surface conduit (1/2”).
Includes anti-tamper screws.

Weight

ï¿½ 9.2 lb (4.2Kg)

Regulatory<>

ï¿½ Compliance EN60950:2001, IEEE 802.3-2008, RoHS, CE, FCC Class A, CISPR 22 Class A,
CISPR 24, CSA/UL (USA & Canada)

Price: £875.00