

Algo 8190S IP Speaker Clock & Visual Alerter



Product Name: Algo 8190S IP Speaker Clock & Visual Alerter

Manufacturer: Algo

Model Number: Algo-8190S

Algo 8190S IP Speaker – Clock & Visual Alerter

The Algo PoE+ 8190S SIP Speaker – Clock & Discussion of the Signed to serve as an ideal IP paging speaker for various settings, including classrooms and commercial public address (PA) systems. Notably, this speaker functions as a fully compliant 3rd party SIP endpoint, ensuring seamless compatibility with a wide range of hosted/cloud and premise-based VoIP telephone systems.

Algo 8190S IP Speaker – Clock & Visual Alerter:

� Public address (PA) IP speaker.

آذِ Secure SIP using TLS and SRTP.

� Multicast scalable.

� Four-speaker line array.

The Algo PoE+ 8190S SIP Speaker – Clock & Visual Alerter provides wideband HD voice, dynamic volume control, talkback capability, and customisable alerts. With a high visibility clock and four color LEDs, it ensures enhanced situational awareness. Easy configuration via web interface or auto-provisioning and PoE+ support make it efficient. Ideal for classrooms, waiting areas, government offices, transport terminals, and break rooms, it offers superior audio and communication capabilities.

Algo-8190S Technical Specifications Power

آذِرًا POWER INPUT: Type 2 PoE+ (IEEE 802.3at Class 0) 48V, 25.5W

� MAX POWER: 25.5 W

� IDLE POWER: 5-8 W, depending on time displayed on clock

SIP

آزٰ½ SIP EXTENSIONS:

� 1 Page/Intercom (Capable of hands-free talkback)

� 10 Emergency Alert

آز½ 10 Ring

Ti.1/2 SIP SIGNALLING/TRANSPORT PROTOCOLS: UDP, TCP, TLS, RTP, SRTP

� Multicast + Third-Party Compatibility

i¿½ Receive only RTP Multicast (50 Zones)

ï¿1/2 Receive only Polycom Group Page

17:1/2 Singlewire InformaCast (additional license required)

Configuration & amp; Provisioning

า๊ะ่น CONFIGURATION: Web interface or provisioning server

� WEB INTERFACE: HTTP, HTTPS

آز½ PROVISIONING: TFTP, FTP, HTTP, HTTPS

Ti21/2 DHCP Options 66, 150, 160
Ti21/2 Reboot via SIP 'check-sync'

าั¿½ SUPERVISION: Compatible with any third-party SNMP monitoring software or the Algo 8300

Controller



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Networking

� NETWORKING: IPv4, DHCP, VLAN

Titly LINK LAYER: LLDP, CDP

� QOS: DSCP (SIP, RTP, RTCP)

าั¿½ NAT: STUN, TURN, CRLF Keep Alive, SIP Outbound

آزائ ADDRESS RESOLUTION: DNS, SRV Record

า๊¿½ REDUNDANCY: Secondary and tertiary SIP server

� TIME: NTP Server (up to four)

Audio

� SPL: 98 dBA at 1m

� DISPERSION ANGLE: 100 - 15,000 Hz +/- 3dB

ī¿½ MICROPHONE: Omnidirectional - talkback and ambient noise monitoring

าั¿½ AUDIO CODECS: G.711 u-law, G.711 A-law, G.722 Wideband

� AUDIO MEMORY: 1 GByte audio storage

Optical (For 8190S model only)

ï¿1/2 4 Colors Red, Blue, Green, Amber

آذ1/2 12 LEDs of each color

ï¿1/2 10 Patterns * 3 Brightness Levels

Input/Output

าั¿½ RELAY INPUT: Normally open or normally closed dry contact supervision using Algo 1202

Call Button, 1203 Call Switch, 1204 Volume Control or EOL resistor termination

ï¿⅓ BUILT-IN CALL BUTTON

آذ% RELAY OUTPUT: Max 30 V 50 mA (normally open)

� Relay Input Current Draw Detection Thresholds:

ï¿1/2 NORMALLY OPEN: >4mA (Active),

� NORMALLY OPEN WITH SUPERVISION: >20mA (Active), 4-20mA (Idle),

آزار NORMALLY CLOSED: 4mA (Idle), N/A (Tamper)

ï¿% NORMALLY CLOSED WITH SUPERVISION: 4-20mA (Active), >20mA (Idle),

าั¿½ NOMINAL 12V SOURCE, CURRENT LIMITED TO 40MA

� Typical supervision resistor value = 1k ohm

Environmental & amp; Mechanical

าั¿½ ENVIRONMENTAL: 0 to + 40° C (32 to 104° F); 10-95% RH non-condensing. Dry indoor locations only

� DIMENSIONS (PRODUCT): 16" x 8.25" x 3" (40.7cm x 21.0cm x 7.6cm)

ï¿1/2 WEIGHT (PRODUCT): 5.2 lbs (2.4 kg)

� WEIGHT (SHIPPING): 7.2 lbs (3.3 kg)

Compliance

ϊ¿½ RoHS, CE, FCC Class A, CISPR 22 Class A, CISPR 24, CSA/UL (USA & D); Canada), EN60950



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Price: £1,159.10