Created on: Thursday 28 March, 2024

Algo 8301 Paging Adapter



Product Name: Algo 8301 Paging Adapter
Manufacturer: Algo
Model Number: Algo-8301

Algo 8301 Paging Adapter
The Algo 8301 is a PoE IP Paging Adapter for integrating existing and traditional paging solutions into a VoIP environment, whether premise or hosted. Features include G.722 wideband support with isolated and balanced line output for optimum clarity and intelligibility without hum or noise.
Algo 8301 Key Features

ï¿½ SIP compatibility with all leading UC vendors
ï¿½ Wideband G.722 codec support for HD Voice
ï¿½ Multicast for cost effective scalability
ï¿½ Internal memory for uploaded WAV files or recorded messages
ï¿½ Dual SIP accounts for page or ring notificationPoE (Power over Ethernet)
ï¿½ Configuration via web interface or provisioning server
ï¿½ Wall mountable or tabletop

Further speech enhancement is provided by automatic level control, choice of frequency masks, and optional speech compression. Output level is compatible with consumer, commercial, and pro-audio amplifiers requiring either -10 dBm, 0 dBm, or +4 dBu line level. An audio input (also balanced and isolated to prevent equipment ground loops) can be used for auxiliary input or insertion of the 8301 between existing equipment. This allows IP based paging or emergency notification to take control of the amplifier as necessary. Multicast capability allows scalability for multiple amplifiers as well as integration with Algo IP speakers in zoned and large-scale applications.
Algo 8301 - Technical Specifications
General

ï¿½ Power Input: 48 V PoE IEEE 802.3af Class 0 (Max 3.84W - Idle nominal 2.0W)
ï¿½ SIP: Dual extensions for Page or Alerting
ï¿½ Multicast: Receive or transmit
ï¿½ Codec Support: G.711 A-law, G.711 u-law, G.722, Polycom Group Page, OGG Vorbis (other codec support available on request).
ï¿½ Processor: Linux OS ARM Cortex-A8 32-Bit RISC Processor
ï¿½ AUX Input: 3.5mm jack for analog music input
ï¿½ AUX Output: 3.5mm jack for headset or PC speakers
ï¿½ Line Input: Female mini-XLR 10 kOhm balanced maximum level +4 dBu. Transformer isolated internally.
ï¿½ Line Output: Low impedance balanced output. Line level -10 dBm / 0 dBm / +4 dBu. Transformer isolated internally. Male mini-XLR connector and pluggable terminal block. Frequency response 100-7000 Hz +/- 3dB.
ï¿½ Audio Memory: 1 GByte
ï¿½ WAV Files: Customizable. Includes chime, gong, bell, warble, barking dogs.
ï¿½ Speech Processing: ALC, filtering, compression
ï¿½ Audio Delay: Programmable 1-1000 ms synchronization delay
ï¿½ Page Mode: Live or cache and release.
ï¿½ Page Zone: Based on received multicast IP Address or keypad events for 8301 configured as page SIP extension.
ï¿½ Relay Output: Normally open or normally closed. Max rating 30 V 50 mA.
ï¿½ Relay Input: Normally open or normally closed dry contact supervision. Algo 1202 Call Button, Algo 1203 Call Switch, EOL resistor termination.
ï¿½ Configuration: Web interface (HTTP or HTTPS) or autoprovisioning server.
ï¿½ Provisioning: TFTP, FTP, HTTP

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ï¿½ Supervision: SNMP
ï¿½ NAT: STUN, CRLF Keep Alive
ï¿½ Environmental: +32 to +122 deg F (0 to +50 deg C);
ï¿½ Suitable for dry indoor environments only.
ï¿½ Dimensions: 6.5" x 4.3" x 1.3" (16.5 cm x 10.9 cm x 3.3 cm)
ï¿½ Mounting: Wall mountable or tabletop
ï¿½ Weight: 2.2 lb (1.0 kg)

Benefits

ï¿½ Superb audio clarity and intelligibility - no hum or noise
ï¿½ Network managed SIP and muticast endpoint
ï¿½ PoE for plug and play network connectivity
ï¿½ Eliminates narrowband FXS port or ATA
ï¿½ Multicasting capability to include Algo IP speakers and strobes

Applications

ï¿½ VoIP phone system integration with traditional analog amplifier (e.g. single zone voice paging)
ï¿½ Multicast to additional IP endpoints for hybrid solution to include analog infrastructure
ï¿½ IP paging with Avaya, Broadsoft, Cisco, Mitel, Metaswitch, NEC, Polycom, Shoretel etc.
ï¿½ Emergency, safety, security notification
ï¿½ Loud ringing

Price: £331.80