

ALGO

IP Paging Adapters

Overview

Algo IP paging adapters bridge existing analog paging infrastructure with modern VoIP and UCaaS platforms. They enable organizations to leverage SIP-based communication without replacing existing audio investments.



Modernize Existing Infrastructure

Extend the life of analog paging systems by connecting them to SIP-based communication platforms without replacing speakers, amplifiers, or cabling.

UC-Native Integration

Connect directly to leading UC, telephony, and hosted communication platforms using standard SIP protocols.

Flexible Audio Integration

Interface with amplifiers, paging systems, overhead speakers, and third-party audio equipment to support a wide range of deployment requirements.

Multi-Zone Paging

Support targeted paging and notifications across specific areas, buildings, or speaker zones where supported.

Cost-Effective Migration

Modernize paging capabilities while preserving existing audio investments and minimizing infrastructure replacement.

Reliable Notification Delivery

Enable paging, alerts, emergency notifications, and scheduled announcements across connected audio systems.

POE	IEEE 802.3af Class 0, 48V, 15.4W
MULTICAST	Capable
SIP SECURITY	TLS, SRTP, Mutual Authentication
SIP AUDIO CODECS	G.711 u-law, G.711 A-law, G.722 Wideband
PROVISIONING	TFTP, FTP, HTTP, HTTPS
DHCP OPTIONS	66, 150, 160

REBOOT	Via SIP 'check-sync'
SUPERVISION	Algo Device Management Platform (ADMP), Algo 8300 IP Controller, any third-party SNMP monitoring software, and RTCP
AUDIO MEMORY & FORMAT	1 GB audio storage for WAV or MP3 files
ANTI-FEEDBACK DELAY	Cache to memory and release
ZERO-TOUCH PROVISIONING	Supported

	8301 IP PAGING ADAPTER & SCHEDULER	8305 MULTI-INTERFACE IP PAGING ADAPTER	8312 EXPANDED IP PAGING ADAPTER	8373 IP ZONE PAGING ADAPTER
PRODUCT IMAGE (FRONT AND BACK)				
WHEN TO CHOOSE	When working to integrate legacy paging amplifiers to an IP based systems. This is the go-to adapter for most set ups and needs.	When working to integrate legacy communication systems (specifically ones that have FXS and need to connect to a telephone/FXO port) to an IP based system.	When working to bridge UC platforms, legacy paging systems, compatible base station-free handheld radio systems, and automated communication workflows into a single IP-based communication.	When working to integrate legacy analog infrastructure and amplified signals which require three or more physically wired zones, adapting the amplified audio across 3 shielded speaker outputs.
SCHEDULER	Yes	Yes	Yes	No
PORTS	• Aux In • Aux Out • Mini-XLR Line In • Mini-XLR Line Out • Terminal block Line In • Terminal block Line Out • Terminal block Relay In • Terminal block Relay Out	• Aux Out • Phone Port • Terminal block 8 Ω Out • Terminal block Line Out • Terminal block Relay In • Terminal block Relay Out	• Page Audio Out • Page Relay • Terminal block Line In • Smart Relay • 12 Sensor Inputs • Radio • USB-A • Aux In • Aux Out • Terminal block Relay Out	• XLR Line Out • Terminal block Line Out • Terminal block Relay Out • Terminal block Channel 3 (SHLD/-/+) • Terminal block Channel 2 (SHLD/-/+) • Terminal block Channel 1 (SHLD/-/+) • Terminal block Amp In (SHLD/-/+)
MICROPHONE CONNECTION	Yes	No	Yes	No
FXO PORT	No	Yes. Telephone port that emulates an analog telephone (connects to an FXS port on a legacy amplifier)	No	No
SUPPORTS MULTIPLE ANALOG SPEAKER ZONES	No Supports only DTMF-based multicast zone selection.	No Supports only DTMF-based multicast zone selection.	No Supports only DTMF-based multicast zone selection.	Yes
SIP EXTENSIONS	• 50 Page (Capable of talkback when appropriate speaker and microphone connected) • 10 Emergency Alert • 10 Ring	• 50 Page • 10 Emergency Alert • 10 Ring	• 50 Page (Capable of talkback when appropriate speaker and microphone connected) • 10 Emergency Alert • 10 Ring	• 50 Page
THIRD PARTY	• RESTful API • Poly Group Page • Singlewire InformaCast (additional license required) • Intrado OneAlert • Microsoft Teams • RTP Multicast	• RESTful API • Poly Group Page • Singlewire InformaCast (additional license required) • Intrado OneAlert • Microsoft Teams • RTP Multicast	• RESTful API • Poly Group Page • Singlewire Informa Cast (additional license required) • Intrado OneAlert • Microsoft Teams • RTP Multicast	• RESTful API • Poly Group Page • Microsoft Teams • RTP Multicast