



## Overhead Paging without Dedicated Extension

Organizations moving to cloud based phone service often discover that migrating their existing overhead paging system isn't so easy. The paging system connected to their traditional phone system needs to be made accessible from the new phones connected to the cloud.

One method service providers use to meet this need is deployment of an ATA (Analog Telephone Adapter) along with the associated monthly charge. But a paging system that was previously connected to a traditional phone system may not be designed to connect to an ATA.

And it is unlikely that paging can be delivered over the telephone speakers at the same time as overhead speakers which is a feature many traditional phone systems provide.

For cloud offers involving Polycom™ VVX series IP phones there is a cloud friendly and better alternative with the Algo 8301 Paging Adapter. Seamless integration with Polycom Group Paging enables this multicast

voice technology to communicate over the on-premise network to reach both telephone and overhead speakers simultaneously. And since it works independently of the cloud there are no monthly extension fees.

The 8301 Paging Adapter is specifically designed to connect with public address amplifiers commonly used in paging systems for quick, trouble-free and easy installation.

### Benefits:

- No monthly charges for ATA extension
- Phones and overhead speaker page simultaneously
- Zoned paging options
- HD Voice quality
- Easy connection to existing paging amplifier

**For sites without existing overhead paging ask about ALGO IP speakers with similar integration capabilities.**

## Specifications:

<b>Power Input:</b>	48 V PoE IEEE 802.3af Class 0 (Max 3.84W - Idle nominal 2.0W)
<b>SIP:</b>	Dual extensions for Page or Alerting
<b>Multicast:</b>	Receive or transmit
<b>Codec Support:</b>	G.711 A-law, G.711 u-law, G.722, Polycom Group Page, OGG Vorbis (other codec support available on request).
<b>Processor:</b>	Linux OS ARM Cortex-A8 32-Bit RISC Processor
<b>AUX Input:</b>	3.5mm jack for analog music input
<b>AUX Output:</b>	3.5mm jack for headset or PC speakers
<b>Line Input:</b>	Female mini-XLR 10 kOhm balanced maximum level +4 dBu. Transformer isolated internally.
<b>Line Output:</b>	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.
<b>Audio Memory:</b>	1 GByte
<b>WAV Files:</b>	Customizable. Includes chime, gong, bell, warble, barking dogs.
<b>Speech Processing:</b>	ALC, filtering, compression
<b>Audio Delay:</b>	Programmable 1-1000 ms synchronization delay
<b>Page Mode:</b>	Live or cache and release.
<b>Page Zone:</b>	Based on received multicast IP Address or keypad events for 8301 configured as page SIP extension.
<b>Relay Output:</b>	Normally open or normally closed. Max rating 30 V 50 mA.
<b>Relay Input:</b>	Normally open or normally closed dry contact supervision. Algo 1202 Call Button, Algo 1203 Call Switch, EOL resistor termination.
<b>Configuration:</b>	Web interface (HTTP or HTTPS) or auto- provisioning server.
<b>Provisioning:</b>	TFTP, FTP, HTTP
<b>Supervision:</b>	SNMP
<b>NAT:</b>	STUN, CRLF Keep Alive
<b>Environmental:</b>	+32 to +122 deg F (0 to +50 deg C); Suitable for dry indoor environments only.
<b>Dimensions:</b>	6.5" x 4.3" x 1.3" (16.5 cm x 10.9 cm x 3.3 cm)
<b>Mounting:</b>	Wall mountable or tabletop
<b>Weight:</b>	2.2 lb (1.0 kg)



Front View



Rear View



Wall Mount Bracket

## Order Code:

**8301** Paging Adapter with Wall Mount Bracket

## Optional Accessories:



1202



1203



Balanced Audio Cables:

2504 Output XLR-Mini Female to XLR Male

2505 Input XLR-Mini Male to XLR Female

Other cables available on request