



adportas IPSpeaker

SIP/PoE speaker for
multicast paging



1. Description.

Adportas IPSpeaker is a SIP/PoE ceiling speaker for paging multicast messages in high public traffic areas. Its superior audio quality is due to its integrated amplification and volume control, which can be operated either manually or from each speaker's configuration interface.

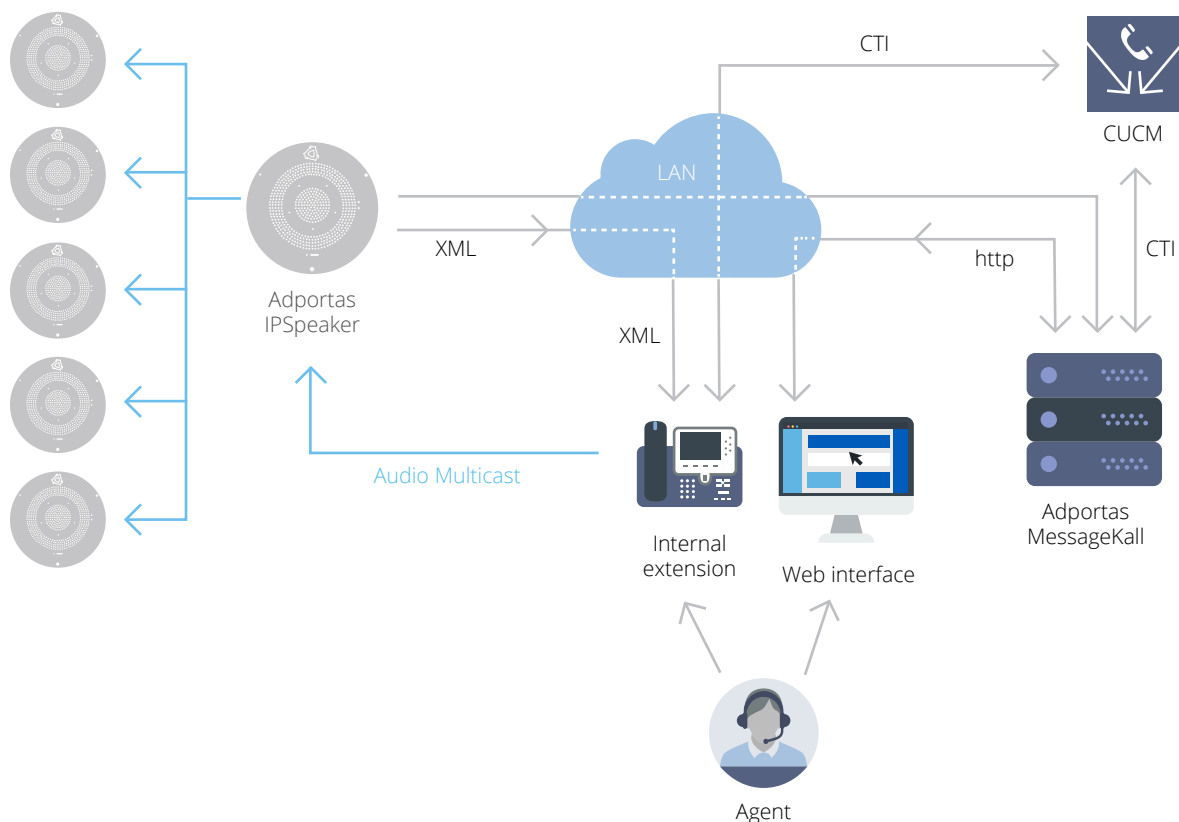
Since it feeds directly from the data network (PoE 802.3af) it is easy to install, and can operate either as an end-point SIP, CTI port, or audio multicast transmitter/receiver over a LAN network.

Adportas IPSpeaker works both individually and in groups, enabling the configuration of flexible paging areas and allowing each IP speaker to become part of multiple paging groups.

Additionally, *Adportas IPSpeaker* can be integrated into the *Adportas MessageKall* IP paging solution.



2. Data flow example for Adportas IPSpeaker integrated into Adportas MessageKall.



3. Adportas IPSpeaker main features.

3.1 Easy to install.

Adportas IPSpeaker is light and compact, resulting in a quick and efficient installation. It feeds off the data network (PoE), reducing installation impact.

3.2 Flexibility and scalability.

The *Adportas MessageKall* IP paging system allows configuration of paging zones and scalability. Incorporating new speakers into the system, *Adportas MessageKall* enables paging directly from any registered telephone in *Cisco CUCM* without any additional devices or modifications.

3.3 Emergency channel.

The IP paging system provides a priority emergency channel over the rest of the paging areas.

3.4 Paging areas.

One of the great advantages of an IP speaker over analog paging is that it can be configured for multiple paging areas. Using its web interface, complete zone changes can be made without modification of the wiring.

3.5 Fault monitoring.

Over SNMO protocol, *Adportas IPSpeaker* can monitor any eventual failure in any of its parameters.

3.6 Paging options.

Adportas IPSpeaker can do multicast paging, over CTI port and via password.

3.7 Web interface.

Each speaker can be configured from a web interface.

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[Close session](#)

Configuration

Service status:

User	admin
Password	*****
Emergency listening port	23235
Normal listening port	22215
Multicast IP	239.1.2.34
Streaming	<input checked="" type="checkbox"/>
CallManager IP	192.168.210.34
JTAPI user	acdcallcontrol
JTAPI user password	awrd2017
Normal CTI port	ctiport_ivr02
Emergency CTI port	ctiport_emergencia
Speaker IP	192.168.210.34
Speaker name	edison 82
Volume	20 ▾

Save

4. Hardware.

Dimensions: 21 cm (D) x 11 cm.

Basic version:

- Maximum power: 10W
- Impedance: 4 Ohms.
- Frequency range: 270hz - 19000hz.
- Sensibility level: 92 ± 2dB.
- **Powered over PoE.**
- Processor: *Intel Edison*.
- Outer diameter: 21 cms.
- Appearance: ring with white metal grill.
- Volume control: individual potentiometer, by zone via web interface.

Full version:

- Maximum power: 24W
- Impedance: 4 Ohms.
- Frequency range: 270hz - 19000hz
- Sensibility level: 92 ± 2dB
- **External power supply.**
- Processor: *Intel Edison*
- Outer diameter: 21 cms.
- Appearance: ring with white metal grill.
- Volume control: individual potentiometer, by zone via web interface.



Requirements

Network point (with or without PoE) for each speaker
CTI port for each speaker
IP address for each speaker