SIP Paging Adapter

CyberData
The IP Endpoint Company

The CyberData SIP Paging Adapter is a VoIP endpoint that interfaces analog paging systems with SIP and Multicast-based audio sources.

The SPA (SIP Paging Adapter) can be configured to support two separate SIP extensions. SIP extension one passes audio through to the analog output spoken from the caller's handset.

When called, SIP extension two plays a bell audio that can be used as a night ringer when configured in a night ring group.

The SPA supports up to 9 user-uploadable messsages that can be played by a DTMF command.

The SPA supports a line-In input for playing MOH.
During a page or night ring, this input is muted with its output restored once the page has stopped.

Messages can be played either:

- SIP to Analog
- Multicast to analog
- HTTP Command Interface

Features

- Two SIP extensions*
- HTTP Command Interface
- 9 user-uploadable page messages
- 10 channel prioritized Multicast ports
- HTTP Web Interface and setup
- Built-in diagnostics
- 10k Ohm input for MOH
- 600 Ohm Balanced audio out
- Unbalanced Line-Out
- Remote amp fault sensor
- DTMF and programmatic controlled Relay
- Delayed page support
- DTMF pass-through
- Cisco SRST
- 10/100 802.3af PoE

*One of these extensions is a dedicated "night ringer," which is not capable of answering a call, and will only play a stored message while the call is ringing.

Specifications	
Protocol	SIP RFC 3261 Compatible
Ethernet I/F	10/100 Mbps
Power Input	PoE 802.3af or 48VDC
Operating Temperature	-10° C to 50° C (14° F to 122° F)
Payload Types	G711
Regulatory Compliance	FCC Class A, UL 60950
Page Port Output	Balanced 600 Ohm 10VPP
Line In:	
Input Signal Amplitudes	2.0 VPP maximum
Input Impedance	10k Ohm
Line Out:	
Output Signal Amplitudes	2.0 VPP maximum
Output Level	+2dBm nominal
Total Harmonic Distortion	0.5% maximum
Output Impedance	10k Ohm
Dimensions	6.11" L x 4.05" W x 1.15" H
Warranty	2 years limited
Boxed Weight	1.8 lbs.
Part Number	011233

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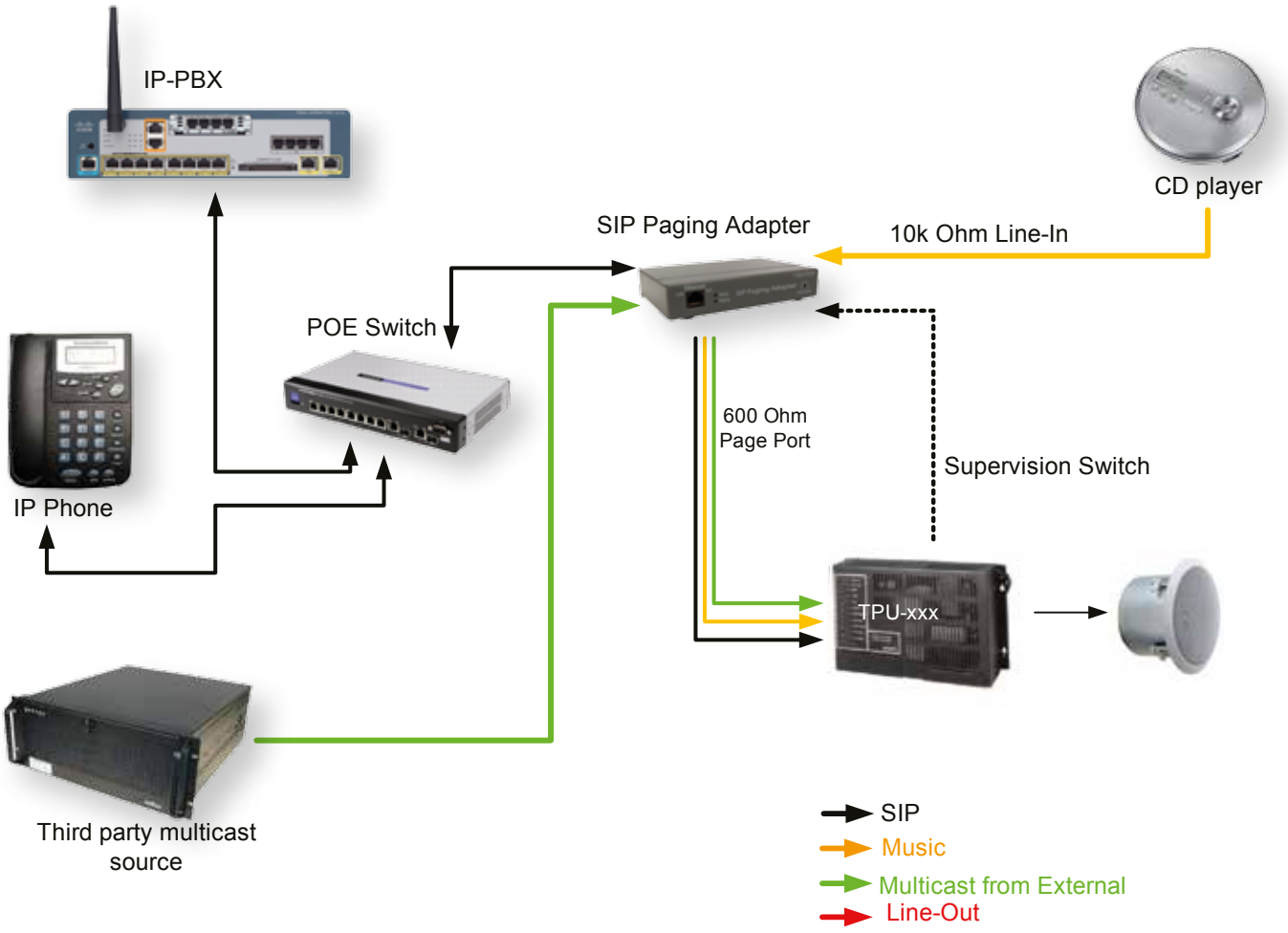
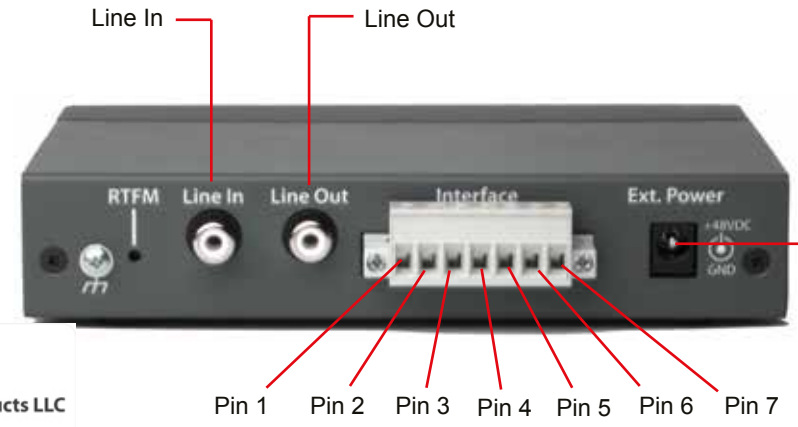
Typical SPA Configuration (600 Ohm output with Supervision switch)



Connections



Pin/Description
1-Fault Sense Input (Common)
2-Fault Sense Input (Sense)
3-Positive 600-Ohm Audio Output
4-Negative 600-Ohm Audio Output
5-Audio Ground Reference
6-Relay Contact - Common
7-Relay Contact - Normally Open

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