VoIP V2 Ceiling Speaker

The CyberData SiP-enabled V2 Ceiling Speaker is a Power-over-Ethernet (PoE 802.3af) and Voice-over-IP (VoIP) public address loudspeaker that easily connects into existing local area networks with a single CAT5 cable connection. The speaker is compatible with most SiP-based IP PBX. In a non-SiP environment, the speaker is capable of broadcasting audio through multicast. Its small footprint and low height allows the speaker to be discreetly mounted almost anywhere.

Ringer Mode

The VoIP V2 Ceiling Speaker supports two SIP extensions. One extension can be assigned to a page group for auto answer paging. The second extension can be assigned to a "First-to-Answer" ring group with IP phones. An audio ring file is activated when the second SIP extension of the ceiling speaker is dialed. If any of the IP phones in the ring group is answered (or if the caller hangs up), the Ceiling Speaker stops ringing.

Features

- SIP (RFC 3261) compatible
- Plays audio from multicast
- Web-based configuration
- Paging prioritization and background music
- Web-based firmware upgradeable
- Plenum-rated enclosure
- Small footprint
- High efficiency speaker driver
- PoE 802.3af Enabled (Powered-over-Ethernet)
- SIP endpoint or multicast group member
- Network-adjustable speaker volume
- Network and external speaker volume control
- Peer-to-peer capable
- Can drive one external analog speaker for greater coverage
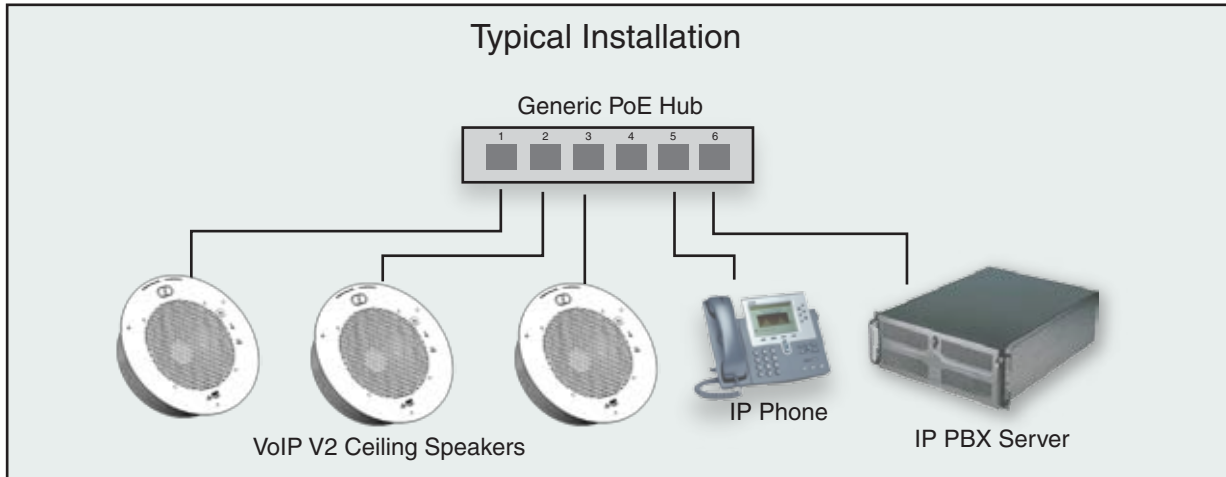- User-uploadable ring and alert tones

VoIP V2 Ceiling Speaker Specifications	
Sensitivity	96dB / 1W / 1M S.P. Level
Output	10 Watts Peak Power
Operating Temperature	-30 to 55 C (-22 to 131 F)
Ethernet I/F	10/100 Mbps
Protocol	SIP RFC 3261 Compatible
Power Input	PoE 802.3af
Payload Types	G711, A-law and μ-law
Regulatory Compliance	FCC Class B, UL 60950, CE
Dimensions	9" x 2.4"
Warranty	2 years limited
Part Number	011021

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Typical Installation

Generic PoE Hub

| 1 | 2 | 3 | 4 | 5 | 6 |

VoIP V2 Ceiling Speakers

IP Phone

IP PBX Server

V2 Speaker with Extra Speaker Connection

Up to 20' Speaker Wire

V2 Speaker

Low Cost 8 Ohm
Analog Speaker

The V2 speakers support an amplified audio output for a second analog speaker.

While the total Speaker Wattage is the same, by connecting a low cost analog speaker additional coverage can be realized.

Typical Installation - Ringer Mode

Day Group	First-to-Answer Ring Group	Page Group
Ext. 200	Ext. 200	
Ext. 201	Ext. 201	Auto Answer for Paging
Ext. 202	Ext. 202	
Ext. 203	Ext. 203	
Speaker with Night Ringer Enabled	* Ext. 204	Ext. 205
		Ext. 206
		Ext. 207
		Ext. 208

IP PBX Server

Generic PoE Hub

*Note:
An audio ring file is activated when this SIP extension of the Ceiling Speaker is dialed.