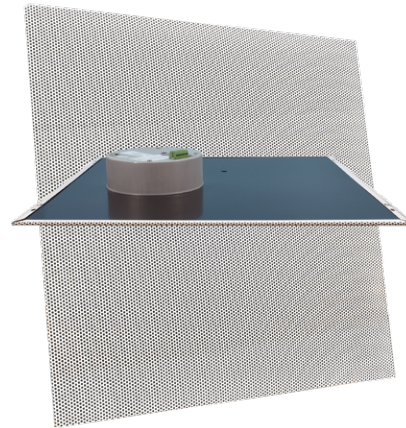# InformaCast Enabled 2 x 2 Ceiling Tile Drop-In Speaker

CyberData
The IP Endpoint Company

The CyberData InformaCast Enabled 2 x 2 Ceiling Tile Drop-In Speaker is for use with Singlewire's InformaCast paging and emergency notification software.

The Speaker easily connects into local area networks with a single CAT5/6 cable from your PoE switch.

Features

- Compatible with Singlewire InformaCast v12.1, including support for downloading SIP credentials from InformaCast
- Supports Singlewire InformaCast High Quality Audio
- Simultaneous InformaCast, SIP and multicast
- Support for Cisco SRST resiliency

- Supports user-uploadable ring and alert tones, and up to ten stored messages
- Support for security code to prevent unwanted SIP calls
- Can receive pages directly from Poly phones as well as other devices that can send standard multicast
- Loud/Night Ringer function - second SIP extension
- Support for 10 multicast paging groups with prioritization

- Can drive one external analog speaker for greater coverage
- DTMF-controlled relay
- Line-out connection
- Network speaker volume control

- TLS 1.2 and SRTP enhanced security for IP Endpoints in a local or cloud-based environment
- Autoprovisioning via HTTP, HTTPS, or TFTP
- HTTPS or HTTP web based configuration. HTTPS is enabled by default
- 802.11q VLAN tagging
- Configurable event generation for device health and status monitoring
- Web-based upgradeable firmware
- Support for multiple SIP servers for redundancy

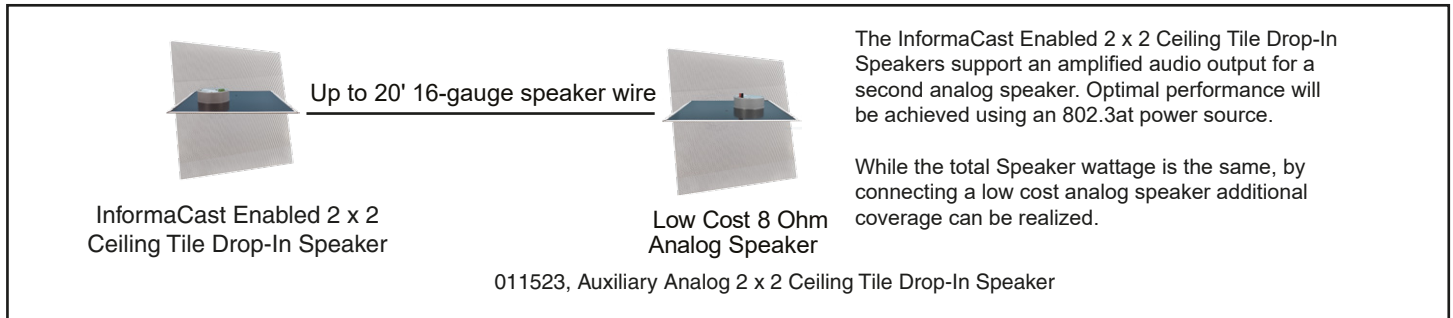| Specifications	
Ethernet I/F	10/100 Mbps
Protocol	SIP RFC 3261 Compatible
Notification Software	Singlewire InformaCast v4.0 and above
Power Input	PoE 802.3af/802.3at compliant or 24VDC @ 1A Auxiliary Power Supply (not included)
Audio Output	802.3af - SPL 103 dB @ 1 meter 802.3at - SPL 105 dB @ 1 meter
On-Board Relay	1A @ 30 VDC
Payload Types	G.711 a-law, G.711μ-law, G.722, and G.729
Network Security	TLS/SSL 1.2 and SRTP
Operating Range	Temperature: -40^0 C to 55^0 C (-40^0 F to 131^0 F) Humidity: 5-95%, non-condensing
Storage Temperature Storage Altitude	-40^0 C to 70^0 C (-40^0 F to 158^0 F) Up to 15,000 ft. (4573 m)
Dimensions (Unit)*	Length: 23.8 in. [605 mm] Width: 3 in. [77 mm] Height: 23.8 in. [605 mm]
Dimensions (Boxed)*	Length: 25.5 in. [647.7 mm] Width: 4.0 in. [101.6 mm] Height: 24.5 in. [622.3 mm]
Weight Boxed Weight	12.0 lbs. [5.44 kg] 14.0 lbs. [6.35 kg]
Compliance	CE; EMC Directive – Class A EN 55032 & EN 55024, LV Safety Directive – EN 60950-1, RoHS Compliant, FCC; Part 15 Class A, Industry Canada; ICES-3 Class A, IEEE 802.3 Compliant
Warranty	2 Years Limited
Part Number	011521

*Dimensions are measured from the perspective of the product being upright with the front of the product facing you.

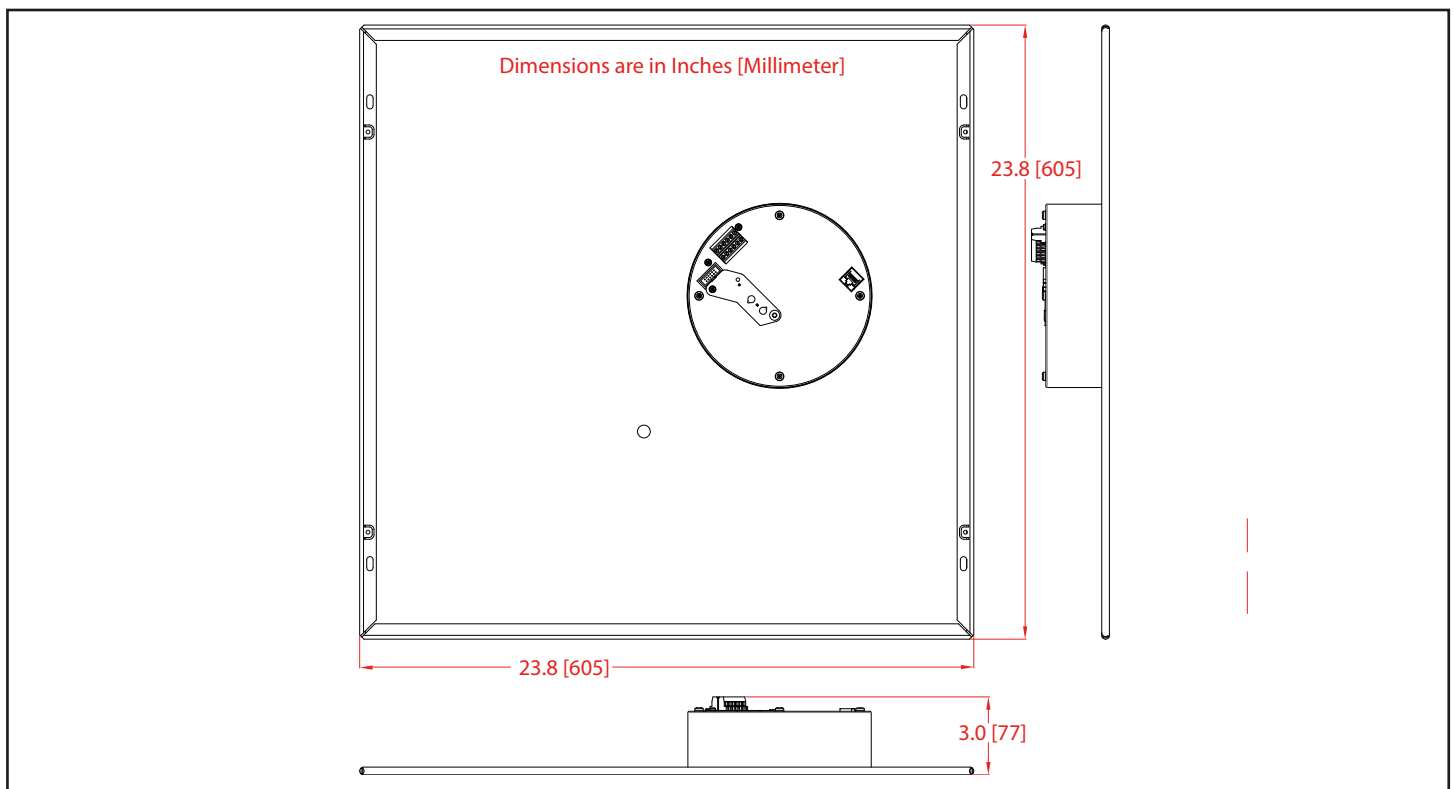# InformaCast Enabled 2 x 2 Ceiling Tile Drop-In Speaker

Typical Installation

PoE Switch

InformaCast Server

InformaCast Enabled 2 x 2 Ceiling Tile Drop-In Speakers

IP Phone

IP-PBX Server
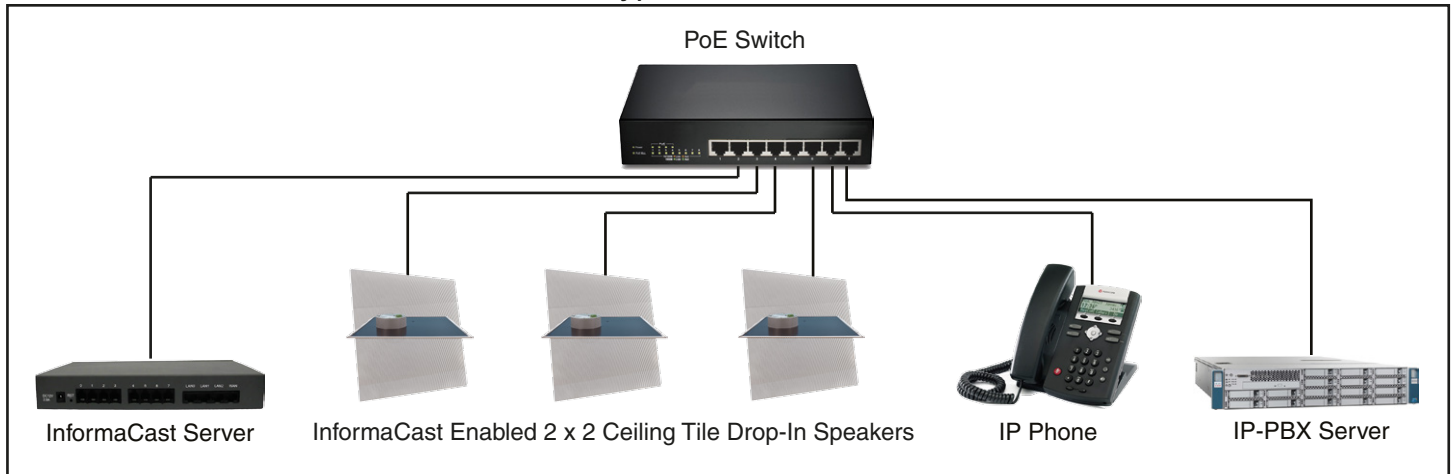
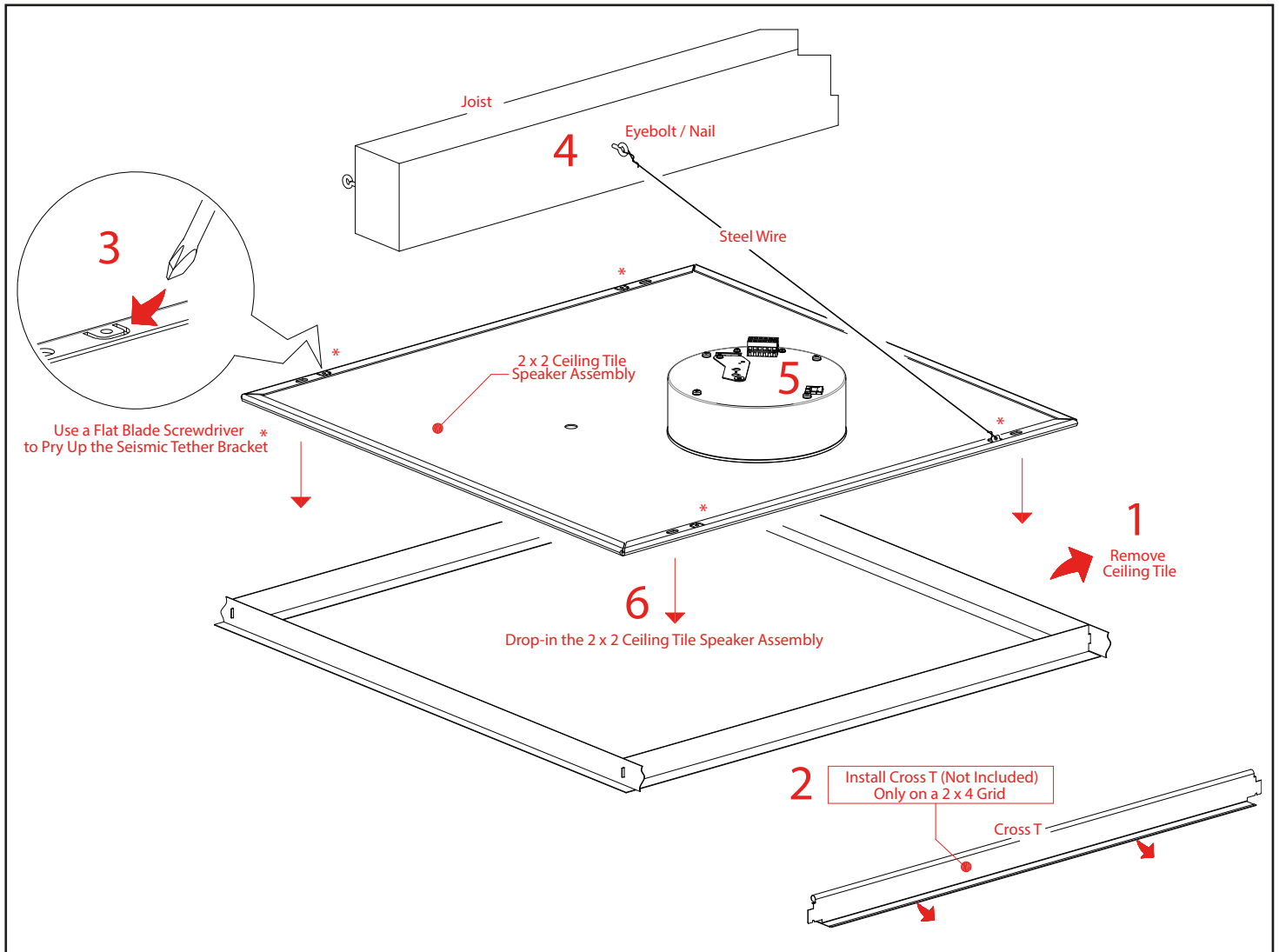## InformaCast Enabled 2 x 2 Ceiling Tile Drop-In Speaker with Extra Speaker Connection

Up to 20' 16-gauge speaker wire

InformaCast Enabled 2 x 2
Ceiling Tile Drop-In Speaker

Low Cost 8 Ohm
Analog Speaker

011523, Auxiliary Analog 2 x 2 Ceiling Tile Drop-In Speaker

The InformaCast Enabled 2 x 2 Ceiling Tile Drop-In Speakers support an amplified audio output for a second analog speaker. Optimal performance will be achieved using an 802.3at power source.

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

Dimensions

Dimensions are in Inches [Millimeter]

23.8 [605]

23.8 [605]

3.0 [77]

InformaCast Enabled 2 x 2 Ceiling Tile Drop-In Speaker

Mounting

Joist

4

Eyebolt / Nail

Steel Wire

3

2 x 2 Ceiling Tile
Speaker Assembly

5

Use a Flat Blade Screwdriver
to Pry Up the Seismic Tether Bracket

1

Remove
Ceiling Tile

6

Drop-in the 2 x 2 Ceiling Tile Speaker Assembly

2

Install Cross T (Not Included)
Only on a 2 x 4 Grid

Cross T

Related Products:
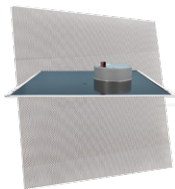
011523 Auxiliary Analog 2 x 2
Ceiling Tile Drop-In Speaker

011288 Auxiliary RGB
(Multi-Color) Strobe Kit