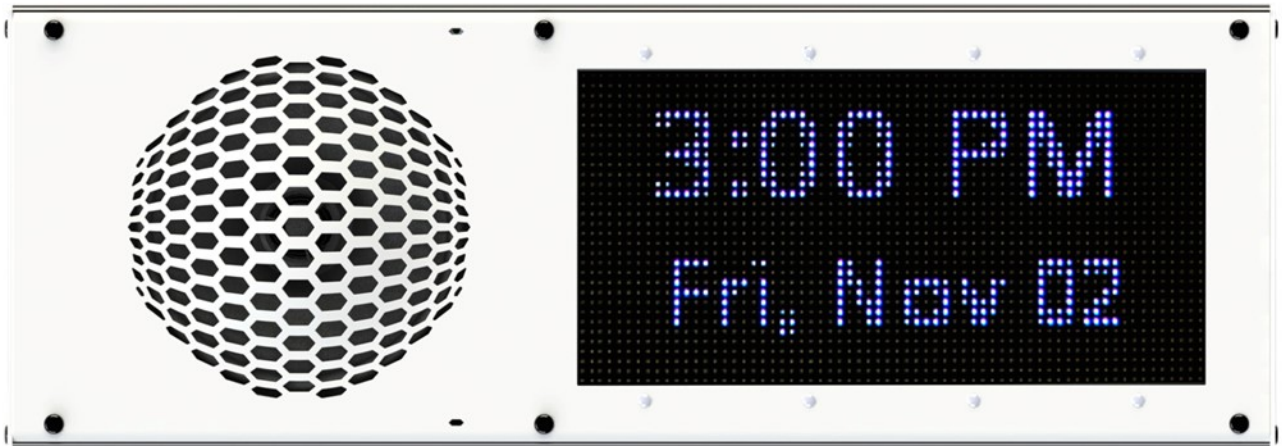# Small IP Display with InformaCast®

Installer's Guide

Getting Started

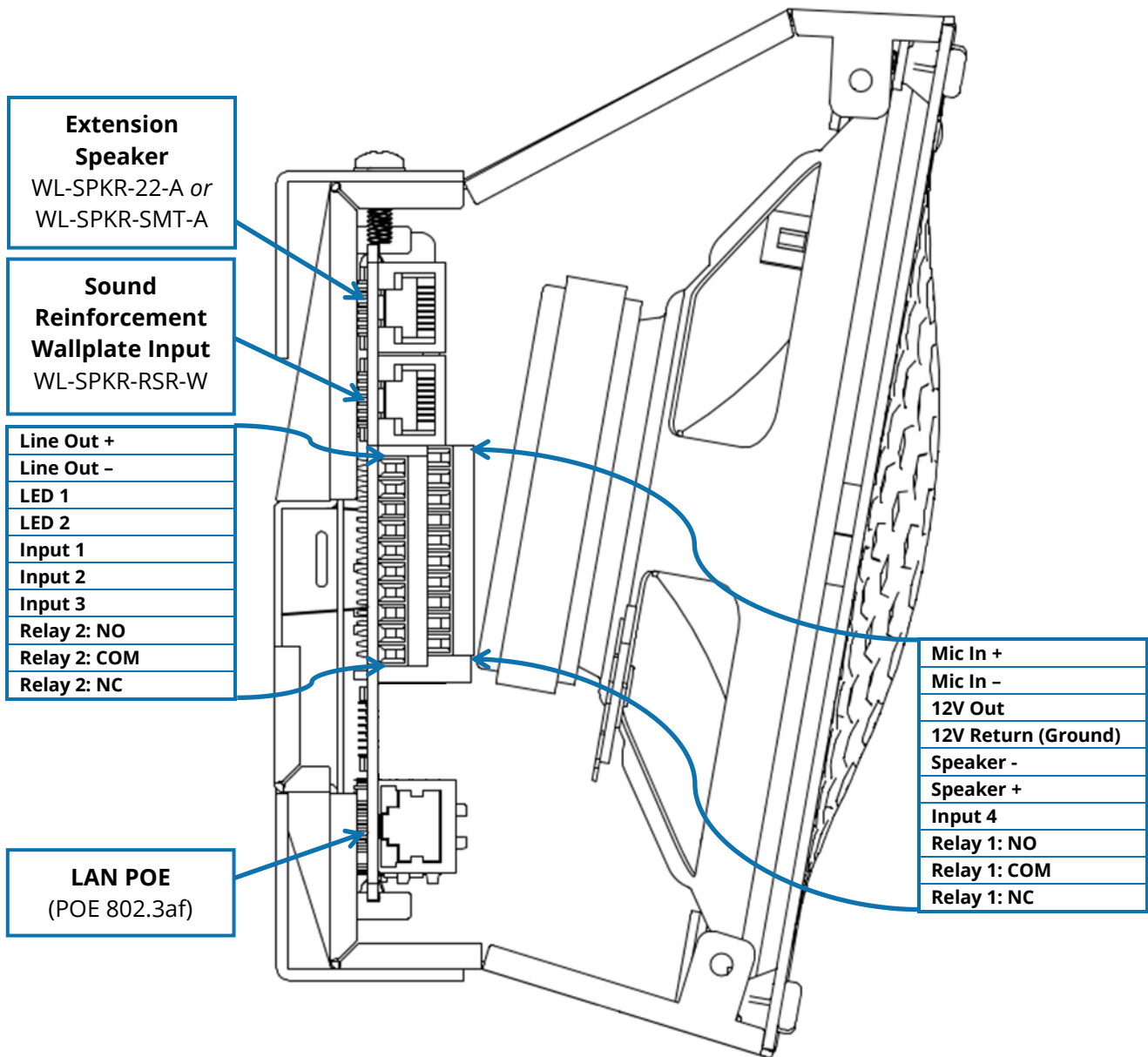This step-by-step guide will help you install your Small IP Display with InformaCast®.

What's In the Box

- **IP Display**

- **Mounting bracket**

- **Mounting hardware**
  - (4) #6-32 Screws
  - (4) #6 lock washers
  - (8) #8-32 Screws
  - (8) #8 lock washers

What You Will Need

- **PoE power**
  - Standards compliant (IEEE 802.3af) POE switch

- **Remote communication point(s)**
  - Singlewire InformaCast server
  - SIP server (such as Wahsega PICS), if using SIP

- **Network cable**
  - Cat 5e or Cat6

- **Screwdrivers**
  - Small flat head screwdriver
  - Phillips head screwdriver

Wiring Your Wahsega IP Display

Extension Speaker
WL-SPKR-22-A *or*
WL-SPKR-SMT-A

Sound Reinforcement Wallplate Input
WL-SPKR-RSR-W

| Line Out + |
| Line Out – |
| LED 1 |
| LED 2 |
| Input 1 |
| Input 2 |
| Input 3 |
| Relay 2: NO |
| Relay 2: COM |
| Relay 2: NC |

LAN POE
(POE 802.3af)

| Mic In + |
| Mic In – |
| 12V Out |
| 12V Return (Ground) |
| Speaker - |
| Speaker + |
| Input 4 |
| Relay 1: NO |
| Relay 1: COM |
| Relay 1: NC |

SECOND SPEAKER

Connect to a Wahsega Extension Speaker up to 20m away via Cat5e or Cat6 cable.
- Use a straight cable. Do not use a crossover cable.
- Compatible models: WL-SPKR-22-A *or* WL-SPKR-SMT-A

WALLPLATE INPUT

Connect to optional Wahsega Sound Reinforcement Input Panel up to 100ft away via Cat5e or Cat6 cable.
- Use a straight cable. Do not use a crossover cable.
- Compatible model: WL-SPKR-RSR-W

TERMINAL BLOCKS

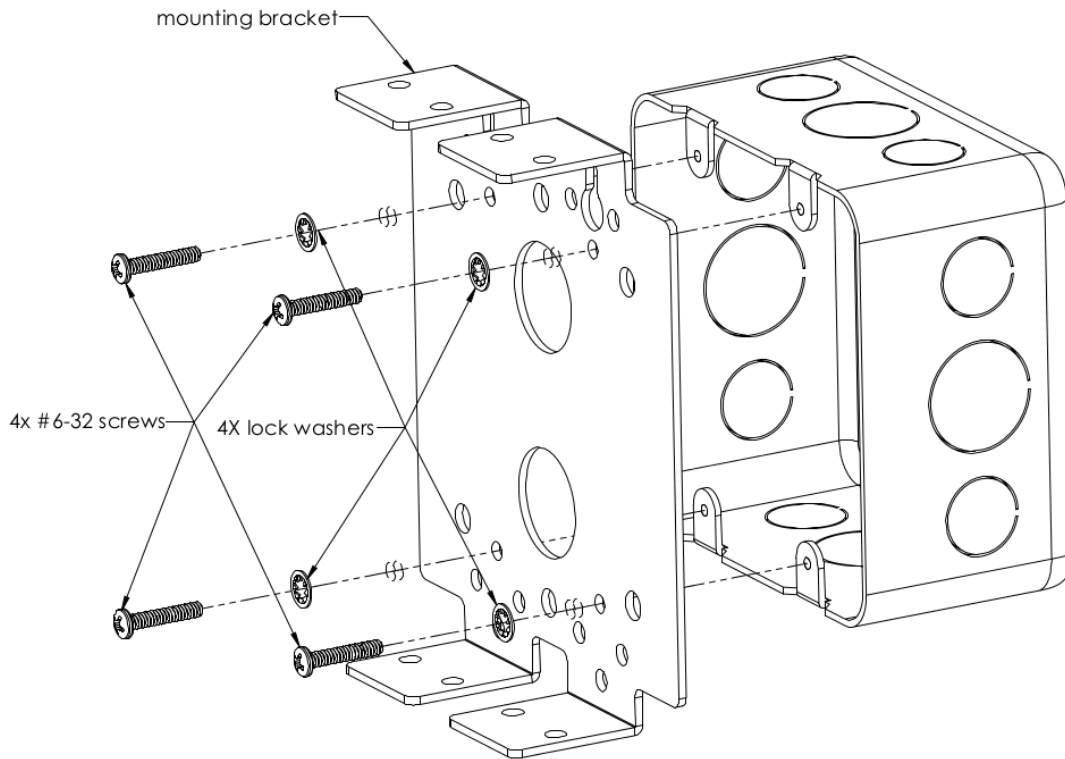|	
MIC IN +	*Unused*
MIC IN -	*Unused*
12 V OUT	Fused, nominal 12V output, max 0.5A. Subject to power capabilities of PoE.
12 V RTN (GND)	Ground
SPKR -	*Unused*
SPKR +	*Unused*
INPUT 4	Contact closure to ground (*12 V RTN*). Connect a Volume Button or SNMP Variable/Trap contact using *Input 4* and *12 V RTN (GND)*.
RELAY 1: NO	Isolated dry contact closure. Normally Open.
RELAY 1: COM	Isolated dry contact closure. Common.
RELAY 1: NC	Isolated dry contact closure. Normally Closed.

LINE OUT +	Consumer line input level (-10dBV)
LINE OUT -	Consumer line input level (-10dBV)
LED 1	*Unused*
LED 2	*Unused*
INPUT 1	Contact closure to ground (*12 V RTN*). Connect a **Panic/Call Button** using *Input 1* and *12 V RTN (GND)*.
INPUT 2	Contact closure to ground (*12 V RTN*). Connect a Volume Button or SNMP Variable/Trap contact using *Input 2* and *12 V RTN (GND)*.
INPUT 3	Contact closure to ground (*12 V RTN*). Connect a Volume Button or SNMP Variable/Trap contact using *Input 3* and *12 V RTN (GND)*.
RELAY 2: NO	Isolated dry contact closure. Normally Open.
RELAY 2: COM	Isolated dry contact closure. Common.
RELAY 2: NC	Isolated dry contact closure. Normally Closed.

LAN / POE

To use Power-over-Ethernet (PoE 802.3af), route a Cat 5e or Cat 6 Ethernet cable from a PoE switch to the LAN/POE port.
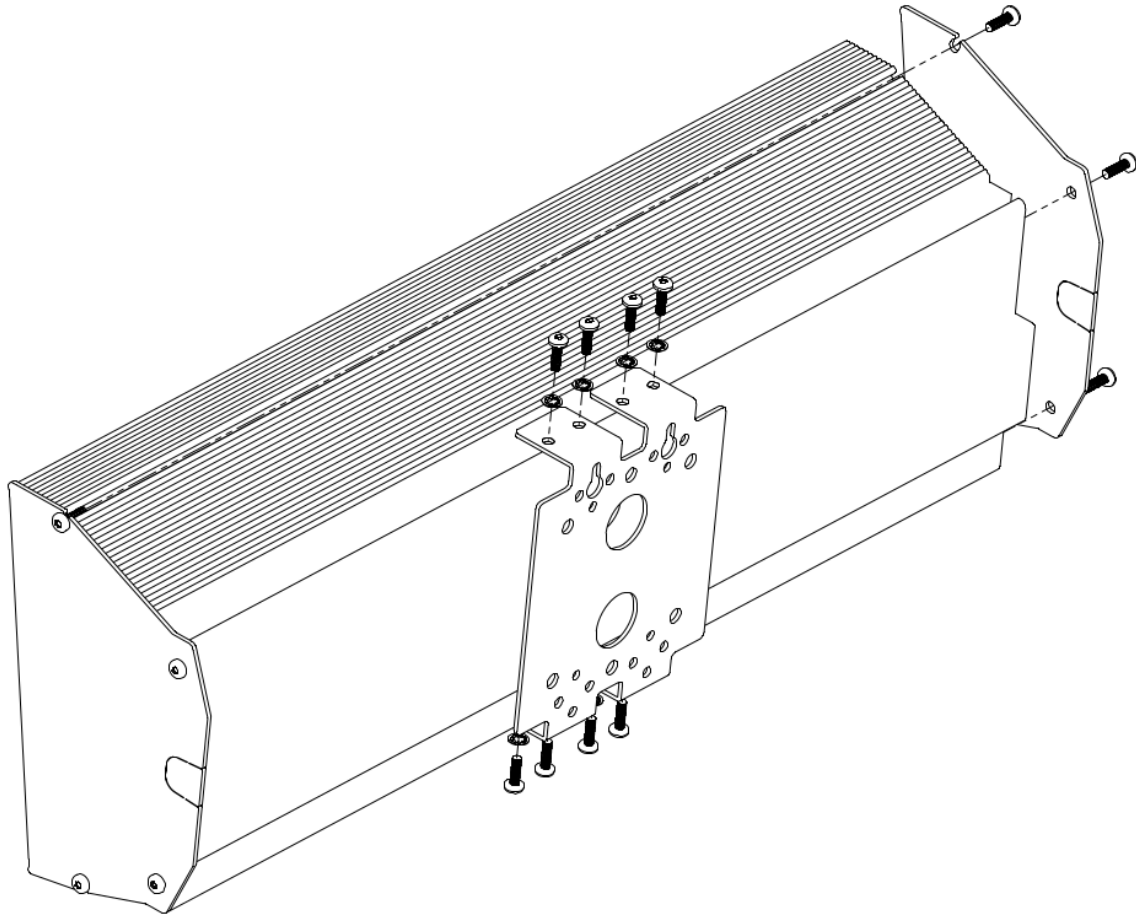
- Once the unit is successfully powered, the LINK/ACTV indicator LED will begin to blink.

Mounting and Installation

mounting bracket
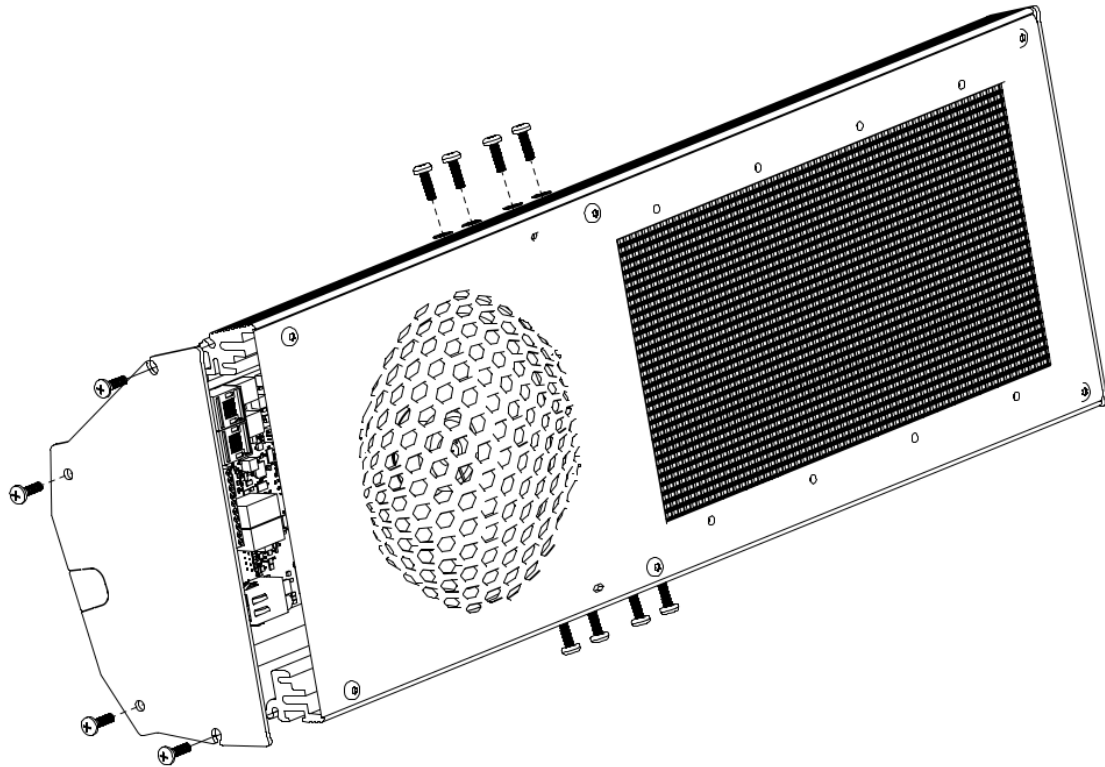
4x #6-32 screws   4X lock washers

Mount each included bracket to the front of a standard two-gang electrical backbox (preferred), using (4) included #6-32 screws and lock washers per bracket.

If mounting bracket to a solid surface rather than to an electrical backbox, use the appropriate bolts and anchors for that surface.

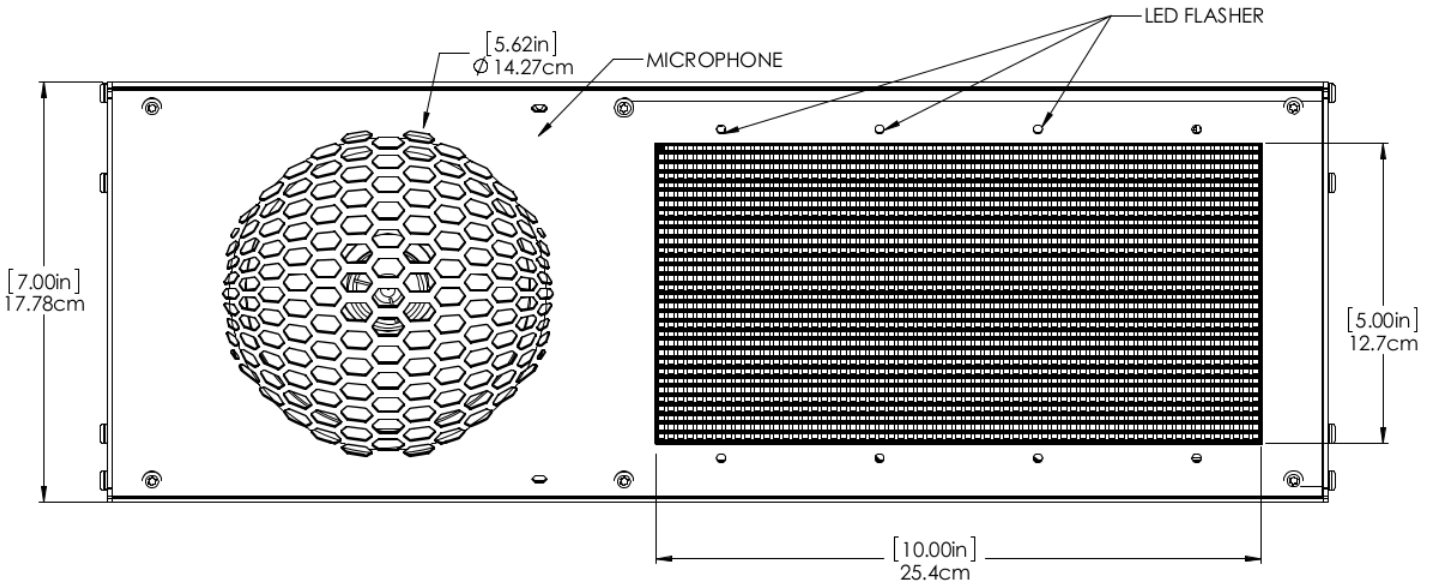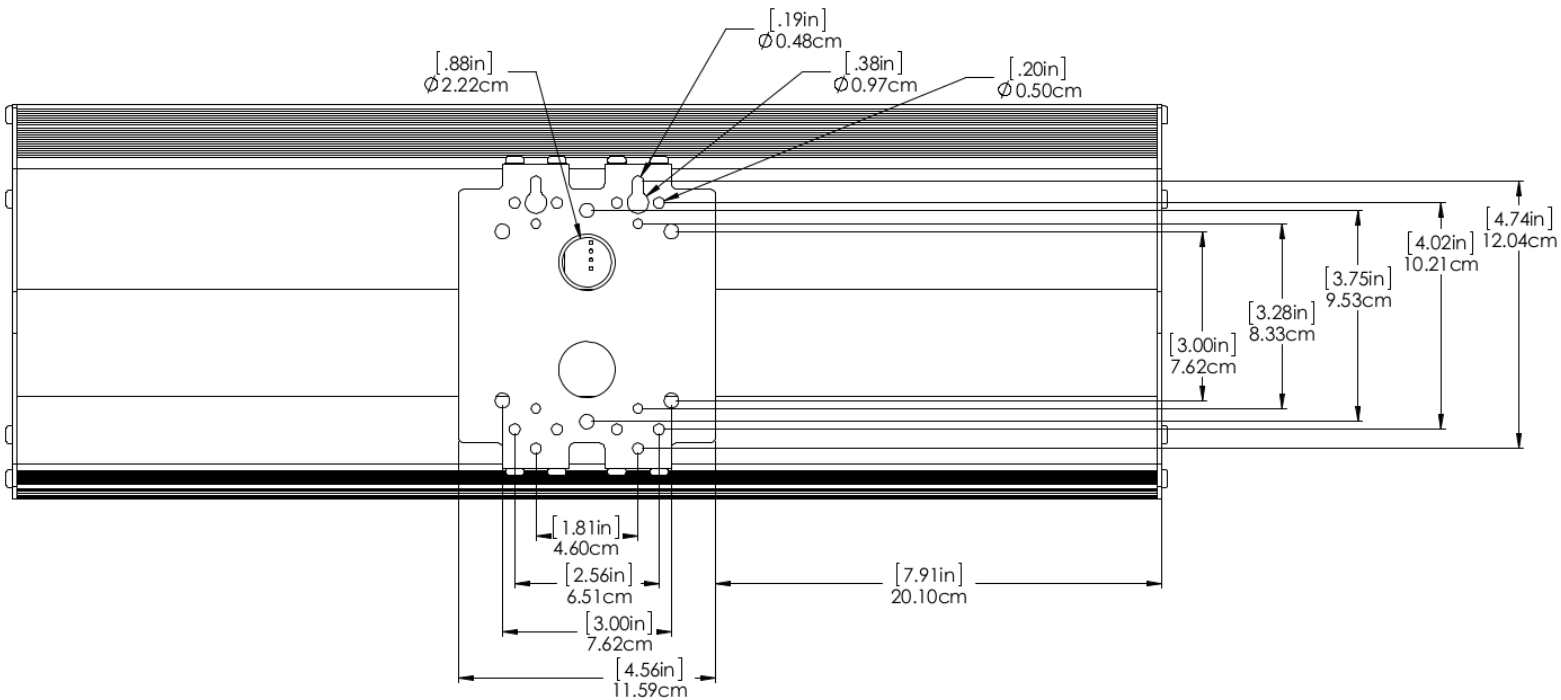Attach speaker to bracket using included (8) #8-32 screws and washers.

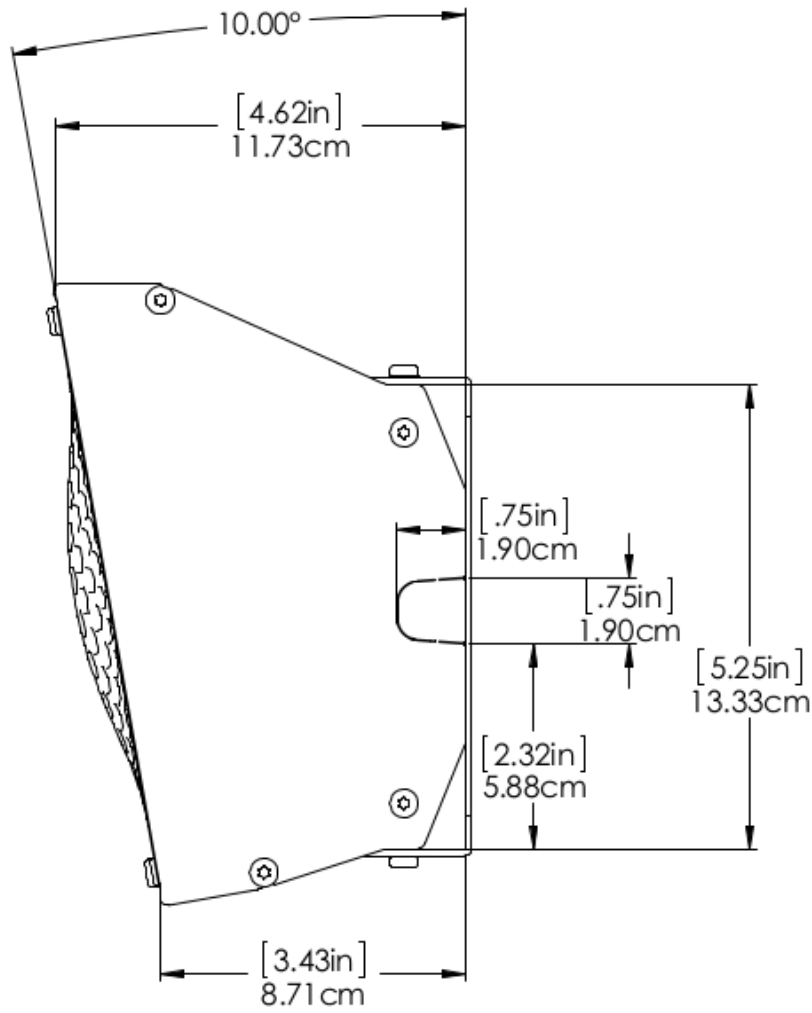Cable access is available through rear opening or side panel knockout.

Dimensions

Front

LED FLASHER

[5.62in]
Ø14.27cm

MICROPHONE

[7.00in]
17.78cm

[5.00in]
12.7cm

[10.00in]
25.4cm

Rear

[.19in]
Ø0.48cm

[.88in]
Ø2.22cm

[.38in]
Ø0.97cm

[.20in]
Ø0.50cm

[4.74in]
12.04cm

[4.02in]
10.21cm

[3.75in]
9.53cm

[3.28in]
8.33cm

[3.00in]
7.62cm

[1.81in]
4.60cm

[2.56in]
6.51cm

[3.00in]
7.62cm

[4.56in]
11.59cm

[7.91in]
20.10cm

Side

10.00°

[4.62in]
11.73cm

[.75in]
1.90cm

[.75in]
1.90cm

[5.25in]
13.33cm

[2.32in]
5.88cm

[3.43in]
8.71cm

Standards Compliant

This product is designed and manufactured in the USA.

- ROHS compliant

- Temperature rating -40C to +60C.

Small IP Display

with InformaCast®

WL-IPD-SPKR-510-INF

Installation Guide