



Altronix WP3 Weatherproof Enclosure User Manual

[Home](#) » [Altronix](#) » Altronix WP3 Weatherproof Enclosure User Manual 

Contents

- [1 Altronix WP3 Weatherproof Enclosure](#)
- [2 Overview](#)
- [3 Specifications](#)
- [4 Installation Instructions](#)
- [5 Wall Mount Installation](#)
- [6 Pole Mounting Using Optional Pole Mount Kit PMK1 \(not included\)](#)
- [7 Enclosure Dimensions \(H x W x D approximate\)](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)
- [9 Related Posts](#)



Altronix WP3 Weatherproof Enclosure



Overview

Altronix WP3 is a UL Listed, NEMA 4/IP 66 Rated outdoor power supply/battery and accessory enclosure with a metal backplane. It can accommodate a wide variety of Altronix power supplies, sub-assemblies, and other accessories.

Specifications

- NEMA 4/4X, IP66-11 Rated enclosure for outdoor use.
- The lightweight molded fiberglass reinforced polyester enclosure is corrosion-resistant and does not contain halogens.
- Lockable stainless steel latches.
- Includes metal backplane for mounting power supplies and accessories.
- Integral flanges simplify wall or pole mounting.
- **Applications:** Power Supplies, Batteries, and Auxiliary modules.
- **Product weight:** 7.0 lb. (3.18 kg).
- **Shipping weight:** 8.3 lb. (3.76 kg).

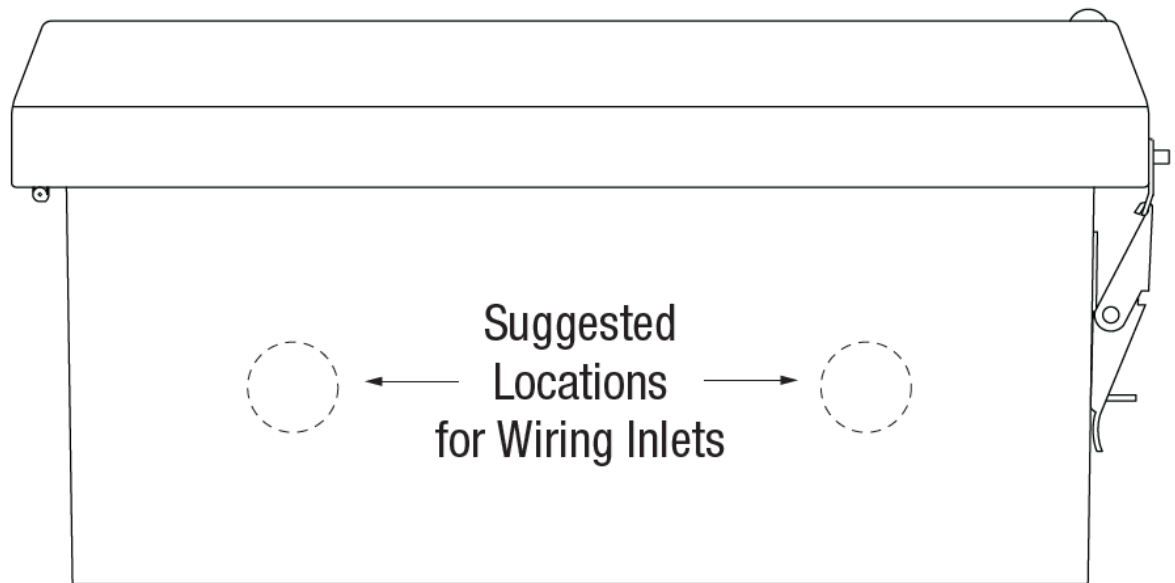
Installation Instructions

1. Remove the backplane inside the enclosure by removing the four (4) mounting screws (do not discard hardware).
2. Mark and drill desired inlets on the enclosure to facilitate wiring (Fig. 1).
3. The enclosure can be wall or pole mounted. See the detailed instructions below.
4. Mount circuit boards to the backplane.
5. Secure the backplane inside the enclosure with the four (4) mounting screws.

6. Mount the unit in the desired location with the appropriate fasteners utilizing the holes provided on the flanges (Enclosure Dimensions).
7. To facilitate wire entry utilizes weather-tight NEMA 4-rated connectors, bushings, and cable.

Bottom of Enclosure

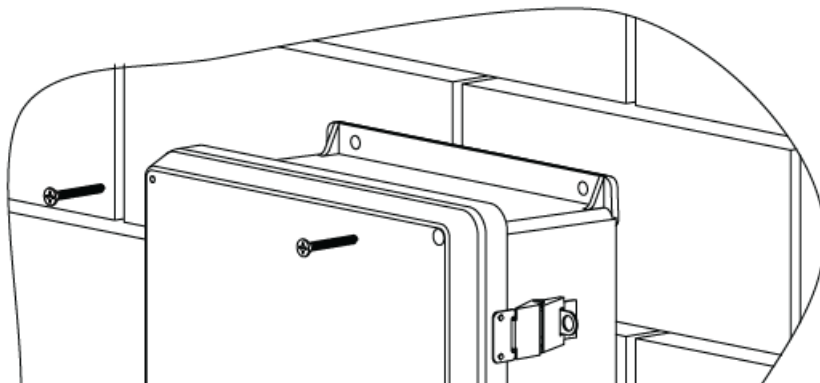
Fig. 1



Wall Mount Installation

Place unit at the desired location and secure with mounting screws (not included) (Fig. 2).

Fig. 2

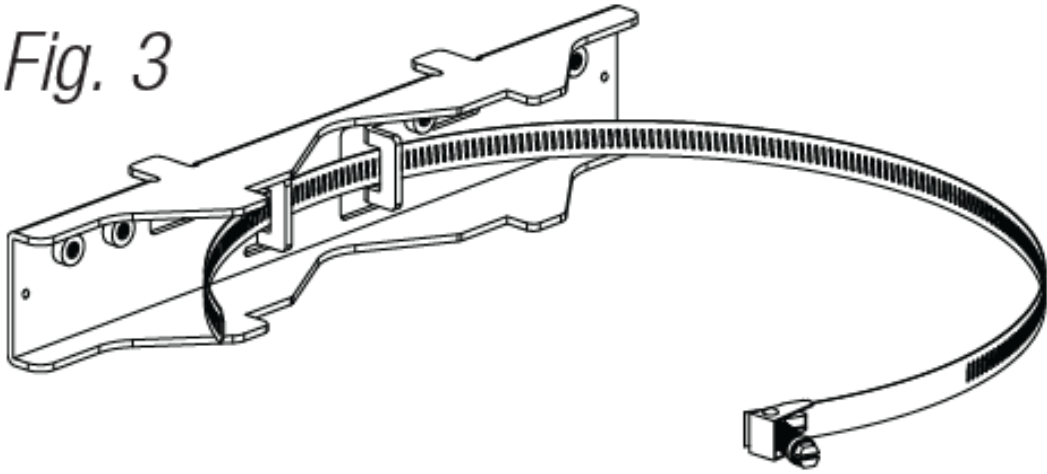


Pole Mounting Using Optional Pole Mount Kit PMK1 (not included)

This installation should be made by qualified service personnel. This product contains no serviceable parts. PMK1 is intended for use with Altronix outdoor rated power supplies or accessories housed in WP1, WP2, WP3, and WP4 enclosures. Brackets are designed for use with the Wormgear Quick Release Straps (two included).

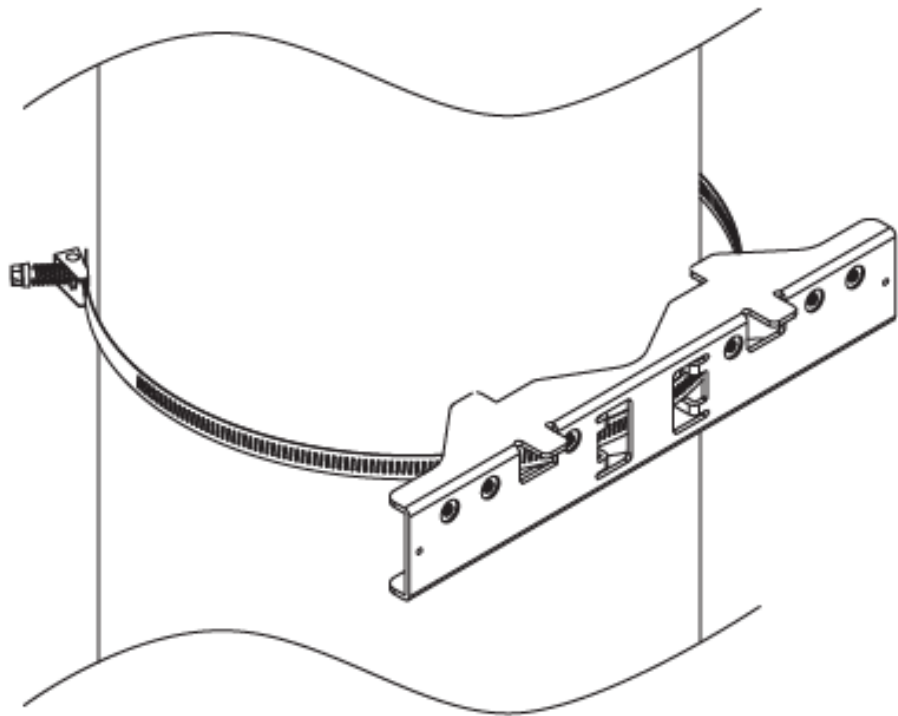
1. Thread one (1) wormgear quick-release strap through the slots on the back of a mounting bracket (Fig. 3).

Fig. 3

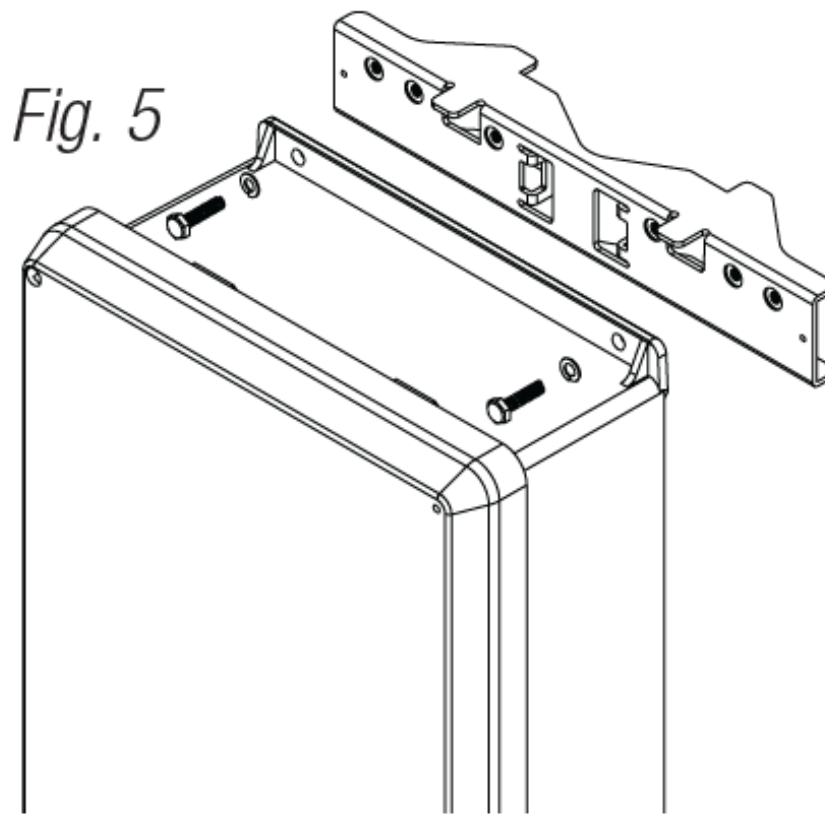


2. Once the desired height of the top Pole Mount bracket is achieved, tighten the straps down by sliding the open end of the strap through the locking mechanism on the strap, then tighten the screw with a flat head screwdriver or 5/16" hex socket driver (Fig. 4 and Fig. 6).

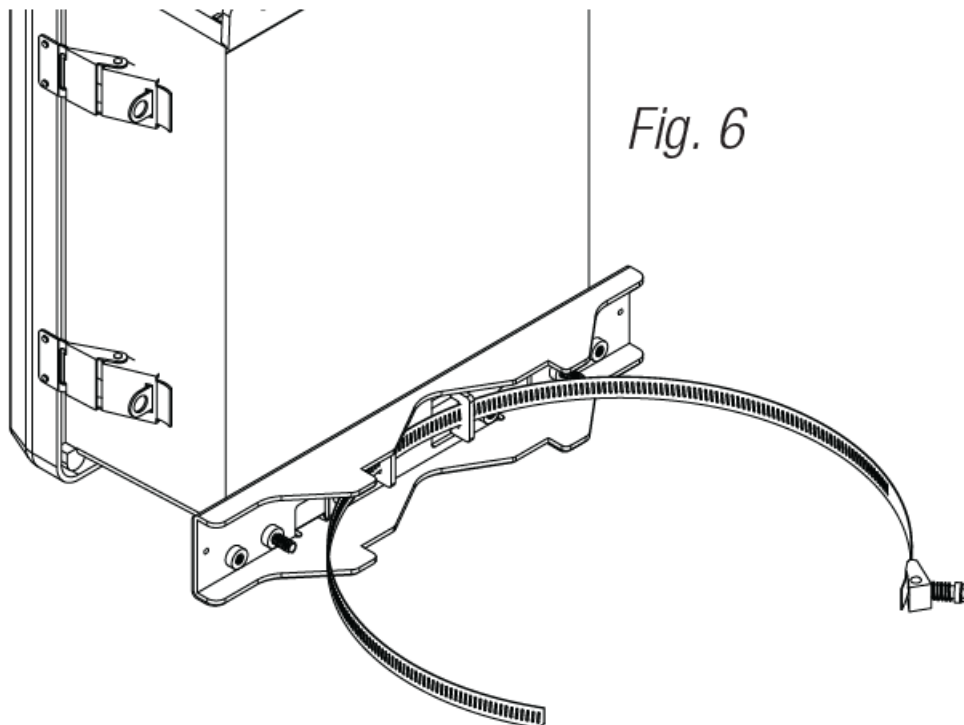
Fig. 4



3. Attach the bottom bracket to the enclosure by inserting bolts through the flange of the enclosure and into the bracket, tightening bolts with a 7/16" hex socket (Fig. 5).



4. Thread the second wormgear quick-release strap through the slots on the back of the bottom mounting bracket (Fig. 3).
5. Mount the enclosure onto the top bracket by inserting bolts through the flange of the enclosure and into the bracket, tightening bolts with a 7/16" hex socket (Fig. 5).
6. Tighten the straps of the bottom bracket down by sliding the open end of the strap through the locking mechanism on the strap, then tighten the screw with a flat head screwdriver or 5/16" hex socket driver (Fig. 6).



7. Clip excess straps.

Fig. 7
2" to 8" (50.8mm to 203.2mm)
diameter round pole

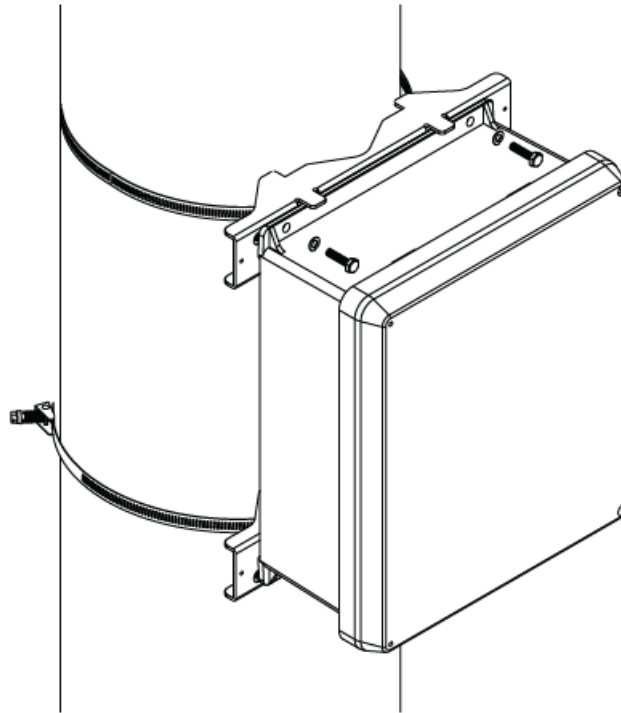
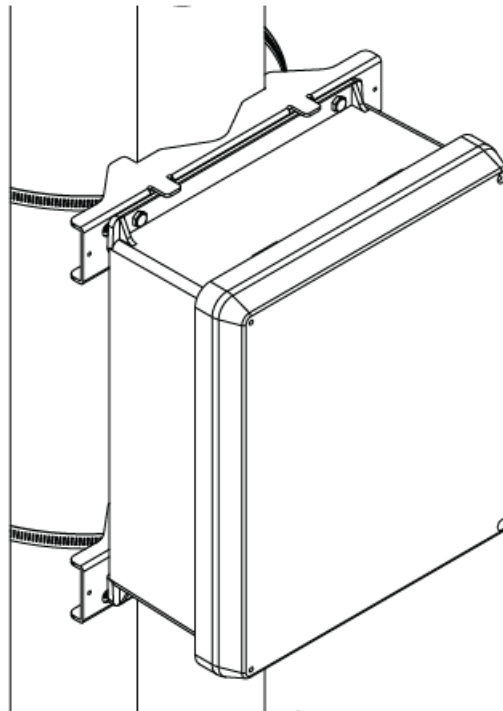


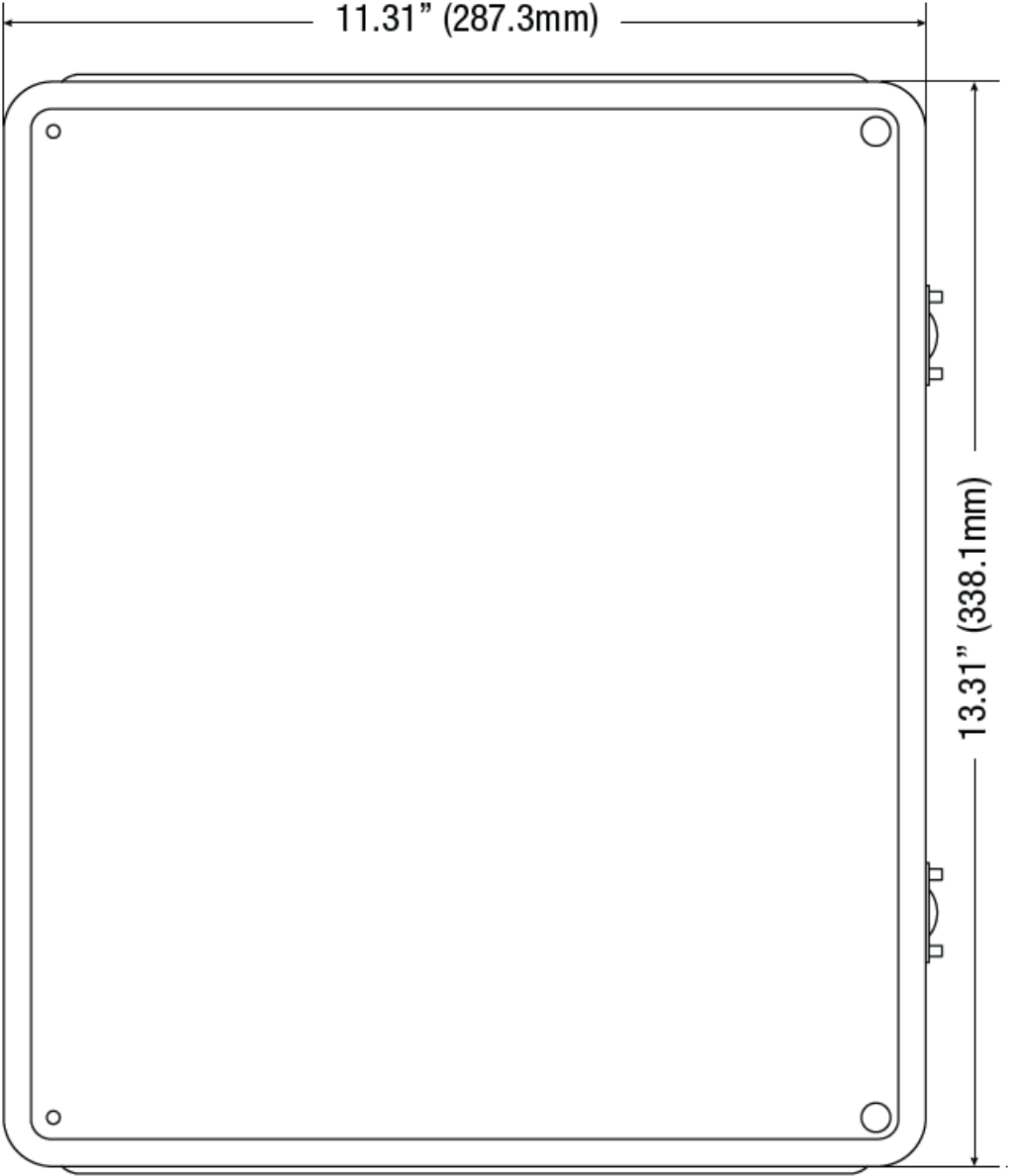
Fig. 7a
5" (127mm) square pole



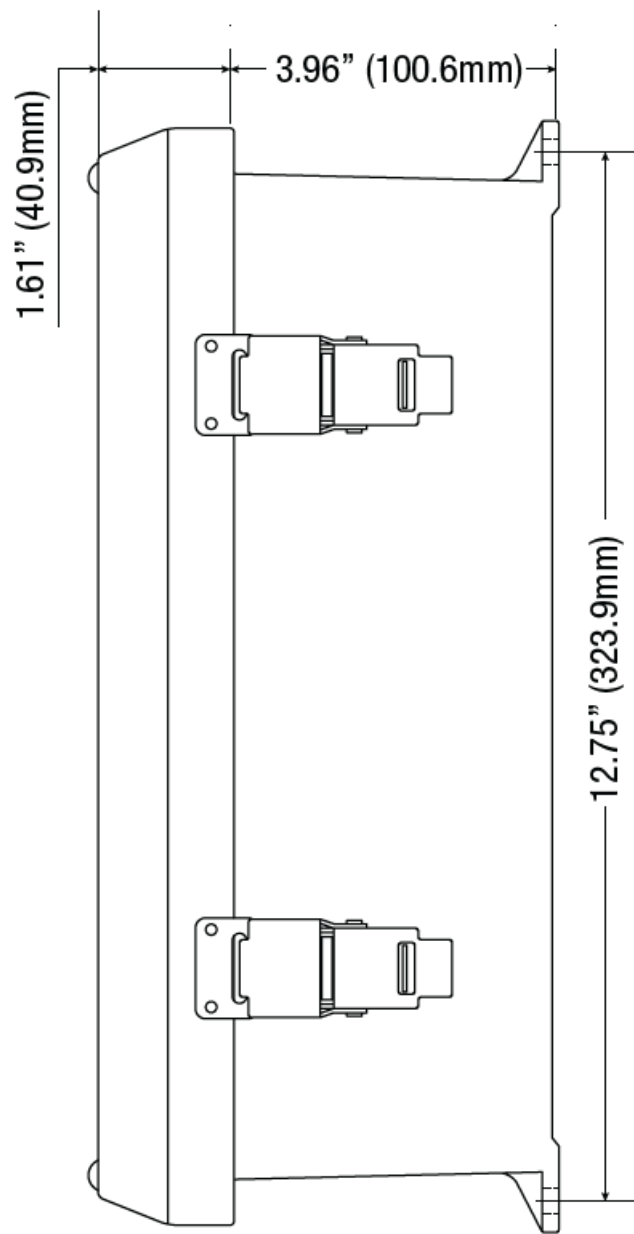
Enclosure Dimensions (H x W x D approximate)

13.31" x 11.31" x 5.59" (338.1mm x 287.3mm x 142mm)

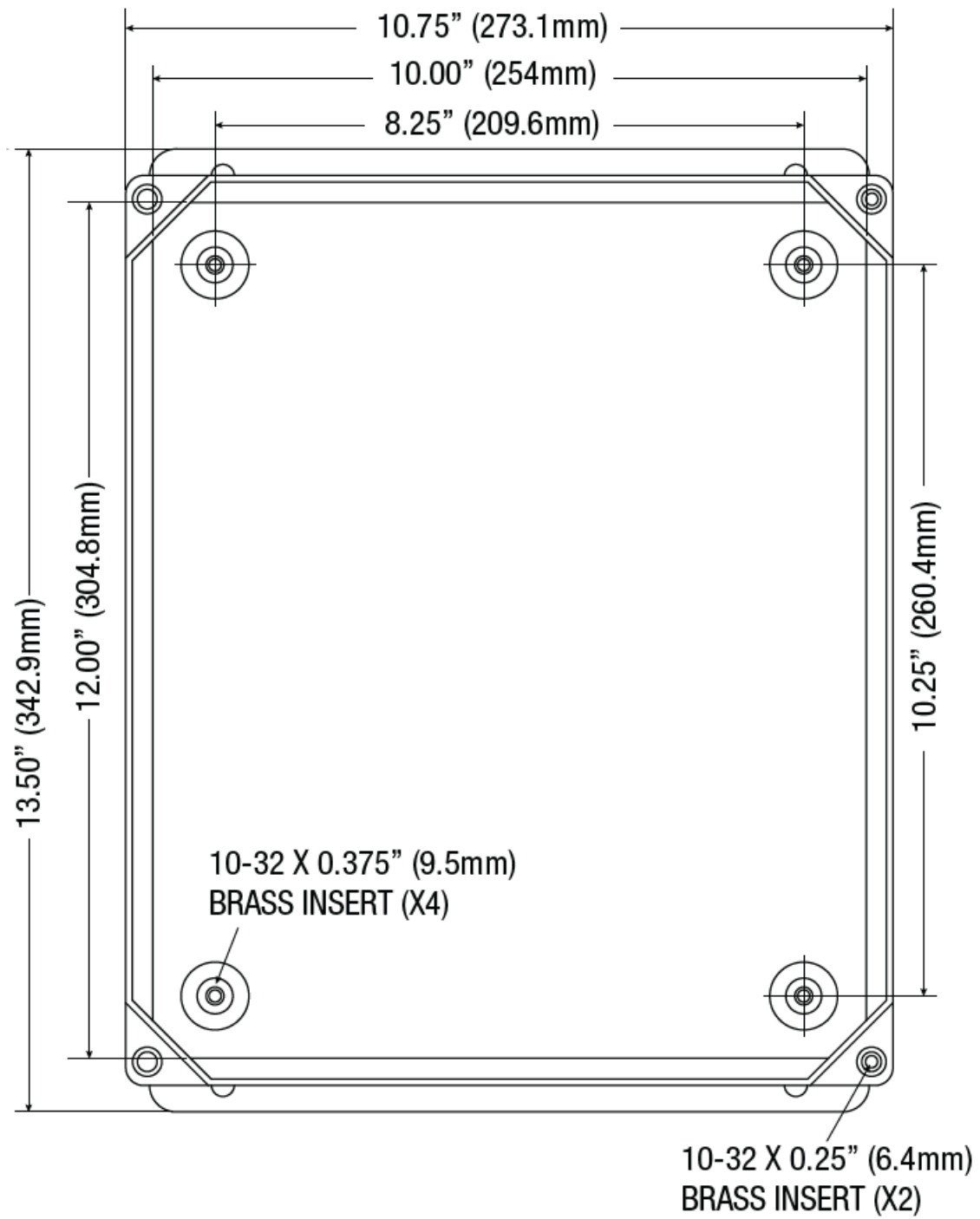
FRONT VIEW



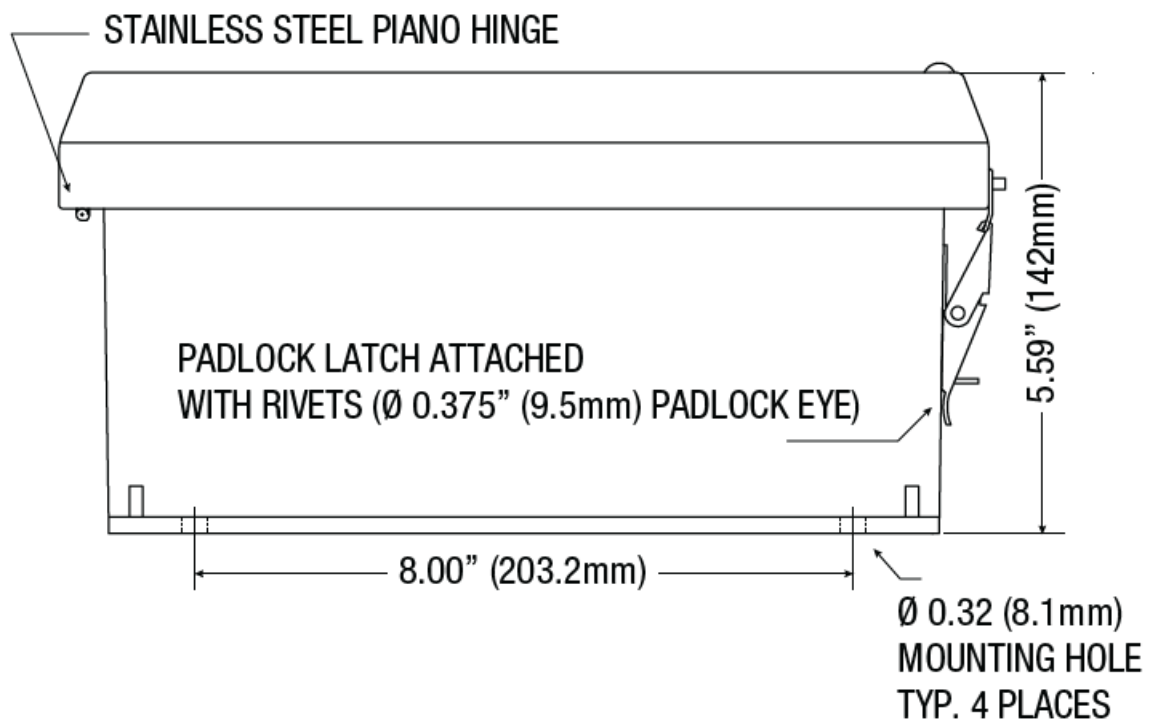
RIGHT SIDE VIEW



FRONT VIEW COVER REMOVED



END VIEW



Altronix is not responsible for any typographical errors. 140 58th Street, Brooklyn, New York 11220 USA | phone: 718-567-8181 | fax: 718-567-9056 website: www.altronix.com | e-mail: info@altronix.com | Made in U.S.A. IIWP3 G15U.

Documents / Resources

<p>WP3 Weatherproof Enclosure</p> <p>Installation Guide</p> <p>Altronix</p>	<p>Altronix WP3 Weatherproof Enclosure [pdf] User Manual</p> <p>WP3 Weatherproof Enclosure, WP3, Weatherproof Enclosure, Enclosure</p>
---	--

References

- [Altronix Home](#)