

# TX3-T10PS Installation

**Warning:** The post stand is heavy. Never attempt to lift this product by yourself. At least two people should lift it together.

To prevent overheating, do not install the TX3-T10 in direct sunlight.

**Install the power supply outside the pedestal.**

TX3-T10PS supports these models:

- TX3-T10

TX3-T10PS mounts to the floor outside the building near the entrance, close to the building power source and telephone infrastructure. Access for the power and communication cables is provided through a cutout in the base plate.

The kit includes:

- 1 post stand
- 1 mounting plate
- 1 post stand cover
- 10 bolts for attaching the mounting plate to the stand
- 4 #10-32 X .75 panhead screws for attaching TX3-T10BB to the mounting plate

Height: at least 63.2" (1605 mm)

Distance from the bottom of the pedestal to the top of the TX3-T10:

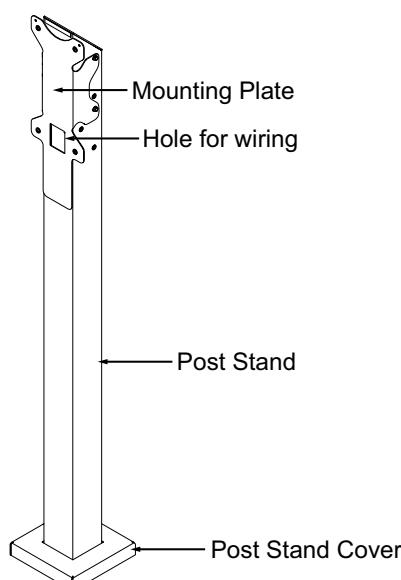
- At the lower position: 58.28" (1480 mm)
- At the higher position: 62.88" (1597mm)

Distance from the bottom of the pedestal to the top of the optional TX3-T10RH rain/sun cover:

- At the lower position: 60.27" (1531 mm)
- At the higher position: 64.87" (1648 mm)

You need:

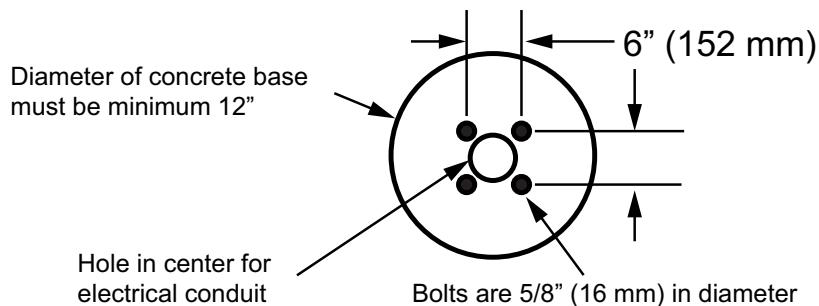
- 4 L-bolts or wedge anchors to anchor the post stand on the concrete. The recommended diameter of the anchors is 5/8" (16 mm).



**Figure 1. TX3-T10PS components**

## 1.0 Anchor the Post Stand

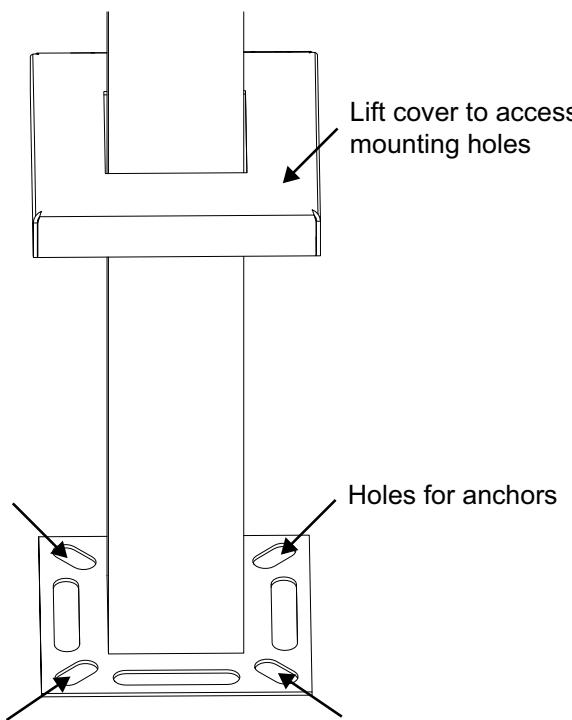
1. Anchor the 4 L-bolts or wedge anchors in a square, 6" (152 mm) apart as shown in Figure 2.



**Figure 2. Anchor bolts**

2. Cut an opening in the floor for the electrical and communication cables.
3. Secure the post stand to the anchors.

The anchors must be no higher than 1 1/4" (32 mm) above the ground so that the post stand cover fits over them.



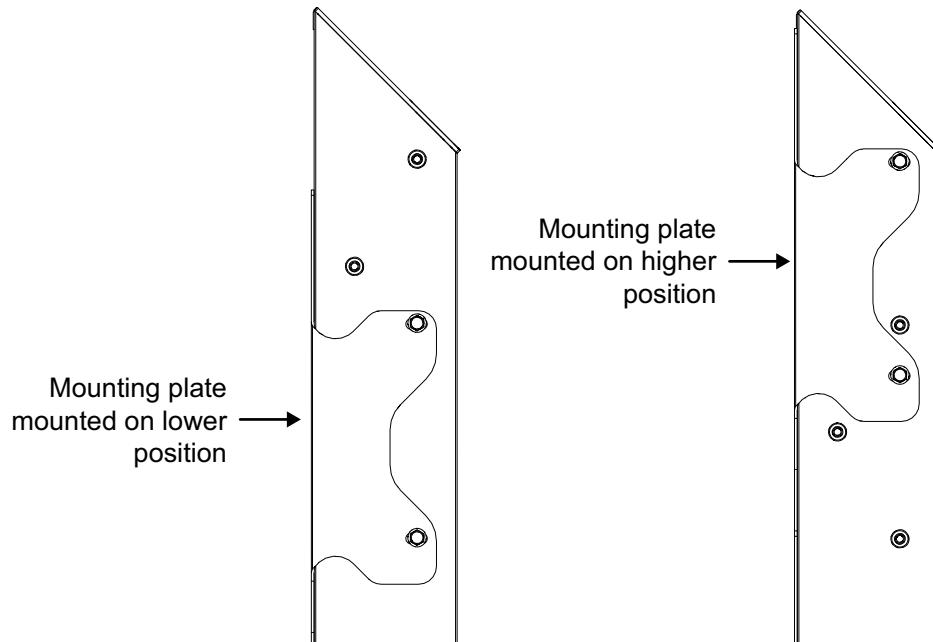
**Figure 3. Anchor the post stand**

4. Run the wires through the post stand to the hole at the top (see Figure 1).
5. Replace the post stand cover.

## 2.0 Secure the Mounting Plate

The mounting plate can be mounted in 2 positions. The mounting plate is factory installed in the lower position.

**Note: There are open holes on each side of the stand. Place the remaining bolts in the open holes to prevent water getting inside the stand.**



**Figure 4. The mounting plate can be mounted in 2 positions**

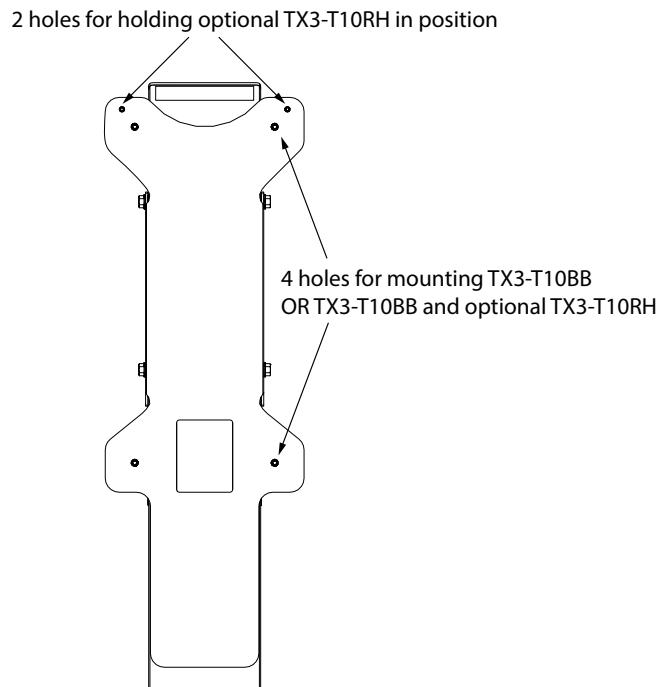
To move the mounting plate to the higher position, follow these steps:

1. Remove the 2 bolts on each side.
2. Reposition the mounting plate to the 2 holes for the higher position shown in Figure 4.
3. Secure the mounting plate on the pedestal. Compress the gasket while tightening the two bolts on each side.

**Please note that there is a gasket in place between the mounting plate and the pedestal.**

### 3 Mounting TX3-T10BB

Follow the instructions on the next two pages to mount TX3-T10BB to the mounting plate using the holes shown in Figure 5.



**Figure 5. Holes on the mounting plate**

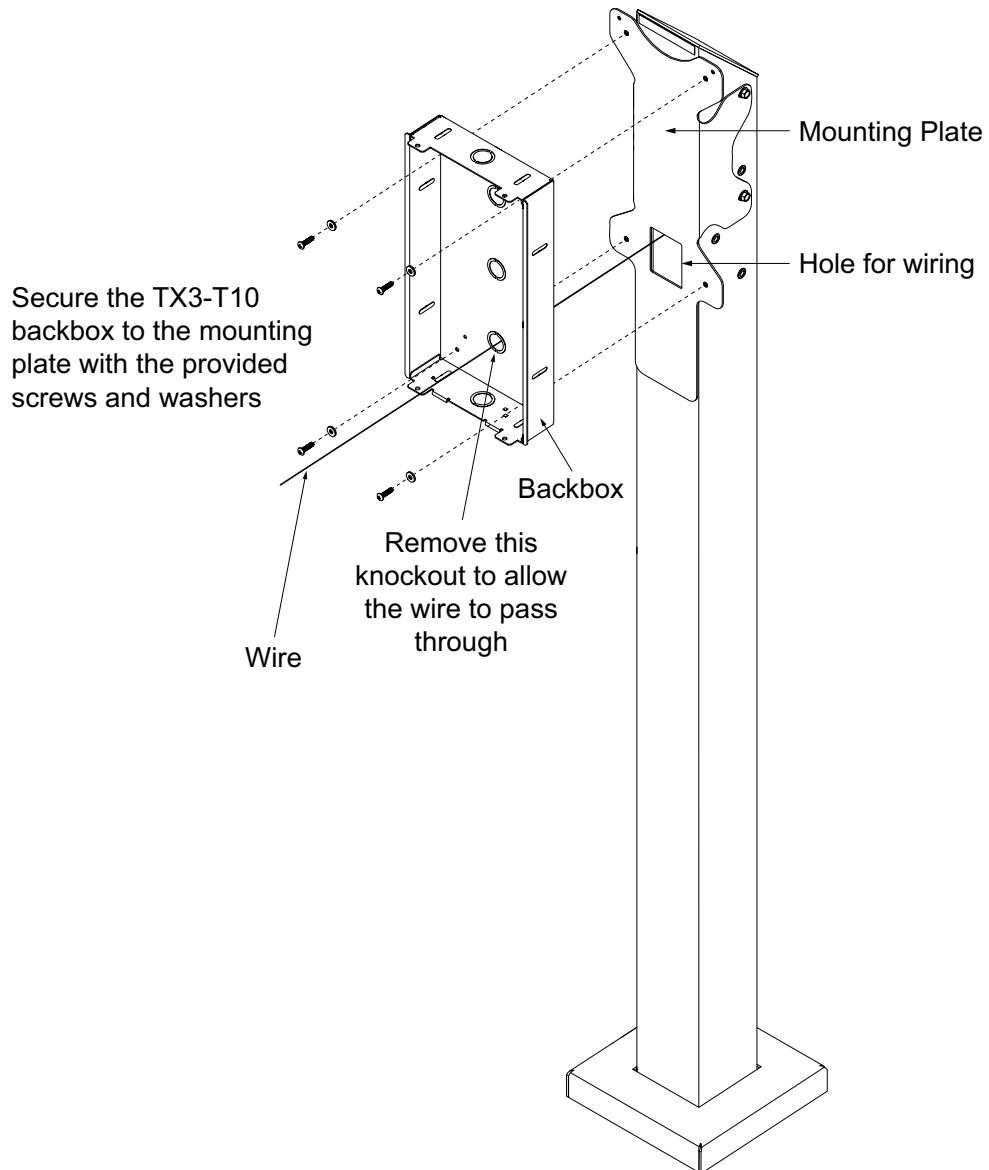
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### 3.0

## Mount the TX3-T10BB Backbox

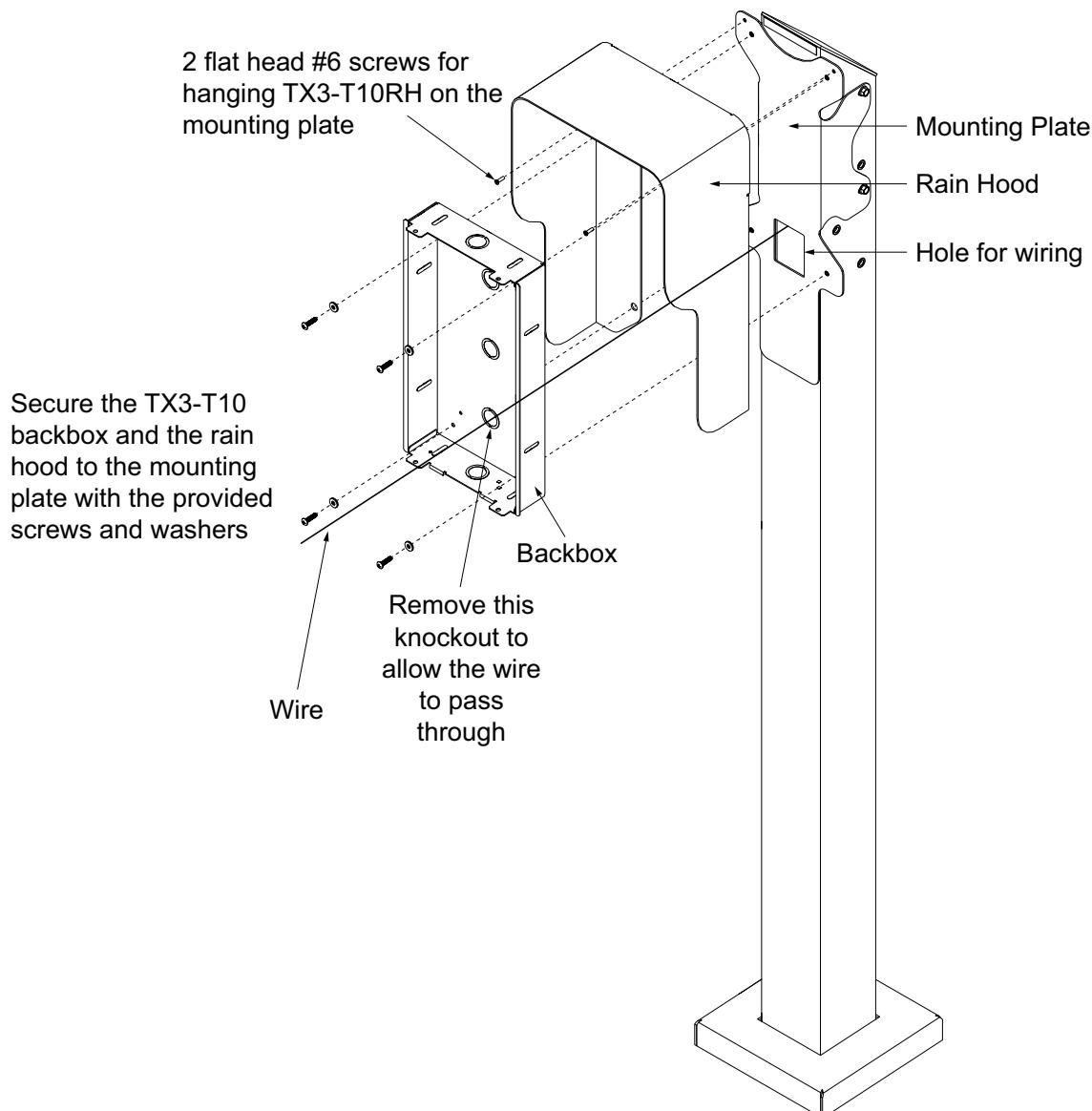
1. Align the backbox onto the mounting plate.
2. Insert the four screws included with the pedestal and the four washers included with the backbox and tighten them to secure the backbox to the mounting plate as shown in Figure 6.
3. Install the TX3-T10 unit onto the secured metal backbox as described in LT-6766.
4. Install the ferrites inside the pedestal close to the TX3-T10.



**Figure 6. Mount the backbox on the mounting plate**

## 4.0 Mount the TX3-T10BB Backbox and the Optional TX3-T10RH Rain Hood

1. Align the rain hood onto the mounting plate.
2. Insert the two flat head #6 screws included with the rain hood and tighten them to hold the rain hood to the top holes on the mounting plate. This step makes it easy to hold the rain hood in place against the mounting plate so that you can install TX3-T10BB.
3. Insert the four screws included with the pedestal and the four washers included with the backbox and tighten them to secure the rain hood and backbox to the mounting plate as shown in Figure 7.
4. Install the TX3-T10 unit onto the secured metal backbox as described in LT-6766.
5. Install the ferrites inside the pedestal close to the TX3-T10.



**Figure 7. Mount the backbox and rain hood on the mounting plate**