

INSTALLATION INSTRUCTIONS: ETP-MT

Each Tower consists of two packages. Package #1, labeled ETP-MT PARTS (or ETP-MT PARTS 24V), includes the blue light/strobe, faceplate light assembly, mounting screws, bolts and nuts, footprint template, and instructions. Package #2 contains the tower itself.

1. Install the four (4) 3/4" - 10 x 24 long anchor bolts below grade **with five inches (5") projecting above grade**. Use the template provided to properly position the bolts within the concrete foundation.
2. After removing its protective shipping wrap, install the blue light/strobe assembly on top of the tower, feeding the power cord and control wires through the top of the tower. Fasten the blue light/strobe to the tower with three (3) 10-24 pan head/spanner screws (provided).

NOTE: It is not necessary to connect power lines at this point.

3. Install the faceplate light assembly over the Emergency Phone opening with the two security screws provided. Install the bulb. An acrylic window and frame cover the bulb. Peel the protective paper off the acrylic window and install the window and frame using the four security screws provided.
4. Install one 3/4" nut and one washer on each anchor bolt (2" to 2.5" above grade to top of nut) and verify that the nuts are level (0° pitch).

NOTE: To insure proper grounding of all electrical components, a grounding strap is required by the National Electrical Code. We recommend the use of an insulated, 6 AWG stranded wire connected between the electrical conduit (within the concrete base) and the tower. The best place to connect the ground wire to the tower is via one of the four anchor bolts. It is necessary to remove the paint from the inside edge of one of the anchor bolt holes and the inside surface around the bolt hole to ensure the grounding wire makes a good electrical connection to the tower. This must be done before installing the tower.

After removing the cover plate from the tower's rear access opening, install the tower onto the bolts with the Emergency Phone opening oriented in the desired direction. Install second set of nuts and washers. Wrap the 6 AWG grounding wire around the mounting bolt where the paint has been removed. Tighten the upper nuts; the bottom set is only for leveling. The possibility of corrosion where paint has been removed can be reduced by painting the nut assembly where the grounding wire has been attached.

5. Wire incoming power to the blue light/strobe and to the faceplate light. If you are using a 120VAC power source, you may use the electric plugs provided for the blue light strobe or remove the plugs for hard-wiring. For 24VDC power source, see wiring diagram below.
6. Connect the black control wire of the blue light/strobe to the black wire of the Emergency Phone. This is the common wire. Then connect the orange control wire of the blue light/strobe to the orange wire of the Emergency Phone. This is the AUX 2 output lead. Attach the Emergency Phone to the tower with six (6) 10-24 spanner security screws (provided). Connect the phone line coming into the tower to the male RJ11 connector coming from the Emergency Phone. An outdoor rated RJ11 female modular jack on the end of the incoming phone line is strongly recommended.

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7. Re-attach the cover plate over the access opening at the rear of the tower with the two (2) tamper resistance 1/4" spanner screws provided. You may discard the two regular screws which held the cover plate in place during shipment.

Make sure all connections meet National, Regional, and Local Electric Codes.

