

## TOWER PARTS Kit for installation of ETP-MT, ETP-MT/R or WEBS-MT/R

### I. Introduction

Note: This manual is for tower installation only. For instructions on installing the anchor bolts into the foundation, see the ETP-MT or ETP-MT/R Anchor Bolt Installation Instructions, or ETP-PDMK instructions for Parking Deck Mounting Kits.

### II. Contents

Before beginning installation, make sure you have all the included components. Each TOWER PARTS kit includes:

QTY	Part Number	Description
8	42839	3/4"-10 Hex Nut
8	42840	3/4" Washer
3	42841	10-24 x 3/4" pan head tamperproof screw
2	42843	6-32 hex nut
1	67478	Polycarbonate light cover
1	68590	LED light board (12-24V AC/DC - 120VAC)
1	ETP-EL-L or ETP-EL12/24	Long Cord 120VAC Strobe Light or 12/24V AC/DC Strobe Light

### III. Installation

1. After removing from its shipping carton, install the blue light/strobe assembly on top of the tower, feeding the power cord and control wires through the top of the tower. If installing an ETP-MT/R, you will need to remove the cap at the top of the tower first. Fasten the blue light/strobe to the tower with three (3) 10-24 pan head tamperproof screws. Replace the cap at the top, if used.

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

2. A polycarbonate light cover protects the LED light assembly from the inside. Peel the protective paper off the light cover and fit it onto the studs inside the tower. Slide the LED board over the studs with the LEDs facing down. The built-in spacers will keep the LEDs from resting on the acrylic window. Tighten down using the enclosed nuts. Be careful not to over tighten to avoid cracking the circuit board.
3. Install one 3/4" nut and one washer on each anchor bolt 2.5-3.5" above grade to top of washer. This will allow for a 1/2" air gap between the foundation and the tower, which will allow airflow and prevent moisture problems. Verify that the nuts are level (0° pitch).

**NOTE:** To insure proper grounding of all electrical components, the tower mount should be effectively earth grounded from the grounding stud (located in the electrical box across from the lower access panel) with 6 AWG or better insulated, stranded copper wire to the metallic power service raceway (conduit) or an 8' or longer corrosion-resistant ground spike.

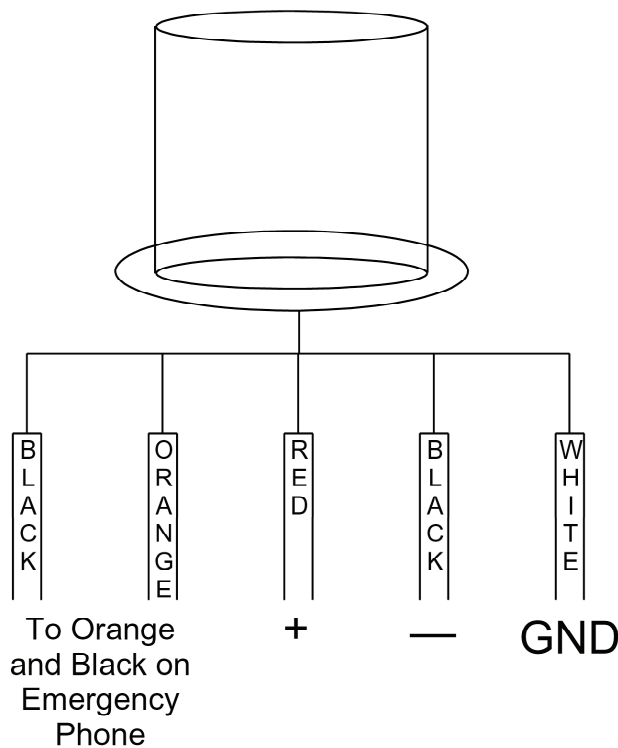
After removing the cover plate from the tower's rear access opening, install the tower onto the bolts with the Emergency Phone opening oriented in the desired direction. Install second set of nuts and washers. Tighten the upper nuts; the bottom set is only for leveling.

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4. Wire incoming power to the blue light/strobe and to the faceplate light. The LED board operates on 12VDC up to 120VAC and is not polarity sensitive. The 120V strobe operates only on 120VAC. The low voltage strobe light, if used, operates on 12/24VDC or 24VAC (do not exceed 24VAC) and is not polarity sensitive. See wiring diagram below.
5. Connect the black and orange wires of the Emergency Phone to the black and orange control wires of the blue light/strobe. These are the AUX 2 output leads (see Emergency Phone manual for programming). Attach the Emergency Phone to the tower with six (6) 10-24 oval head tamperproof screws included with the phone. 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.
6. Re-attach the cover plate over the access opening.

## IV. 12VDC/24VDC/24VAC Strobe Wiring Diagram



### Combined Power Consumption for blue light strobe and faceplate light

Input Voltage: 10-28VDC

Input Current: Light only: 170mA at 12VDC or 185mA at 24VDC

When Flashing: 1.55A at 12VDC or 875mA at 24VDC

It is the installer's obligation to ensure compliance with all national, regional, and local regulations.

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