

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



**THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED**

**CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LES PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS**

### 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 or ETP-EL12/24	120VAC Blue Light or 12/24V AC/DC Blue Light

### III. Installation

1. After removing from its shipping carton, install the Blue Light 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 to the tower with three (3) 10-24 pan head tamperproof screws. Replace the cap at the top, if used.



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

2. Install the LED light board over the phone opening. 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.

Copyright 2010 Talk-A-Phone Co. All rights reserved.

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

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).



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.

4. Wire incoming power to the LED light board. The board operates on 12V up to 120V AC/DC and is non-polarity sensitive.
5. The 120VAC model **ETP-EL** (polycarbonate base) Blue Light can be connected to the 120VAC output voltage of the power source. If using the **ETP-EL12/24** (polycarbonate base) Blue Light, connect the power cable to either the 12-24VDC or the 24VAC output voltage of the power source (shown in **Figure 1**).

The 120VAC **ETP-EL** (aluminum base) Blue Light can be connected to the 120VAC output voltage of the power source, while grounding the green wire (shown in **Figure 2**). If using the **ETP-EL12/24** (aluminum base) Blue Light, connect the power cable to either the 12-24VDC or the 24VAC output voltage of the power source, while grounding the white wire (shown in **Figure 3**).

6. When using the Blue Light with **ETP-400** Series Emergency Phones, connect the orange and black auxiliary control cable pair of the Blue Light to the orange and black wires of the Emergency Phone. Refer to the Emergency Phone Manual for information regarding the programming of your phone.

When using the **ETP-EL** Series Blue Light with **VOIP-500** Series Emergency Phones, connect the orange and black auxiliary control cable pair of the Blue Light to positions 3 and 4 (Aux. Output 2) of the 6-pin connector plug of the **VOIP-500** Series Phone.

7. Attach the Emergency Phone to the tower with six (6) 10-24 oval head tamperproof screws included with the phone.

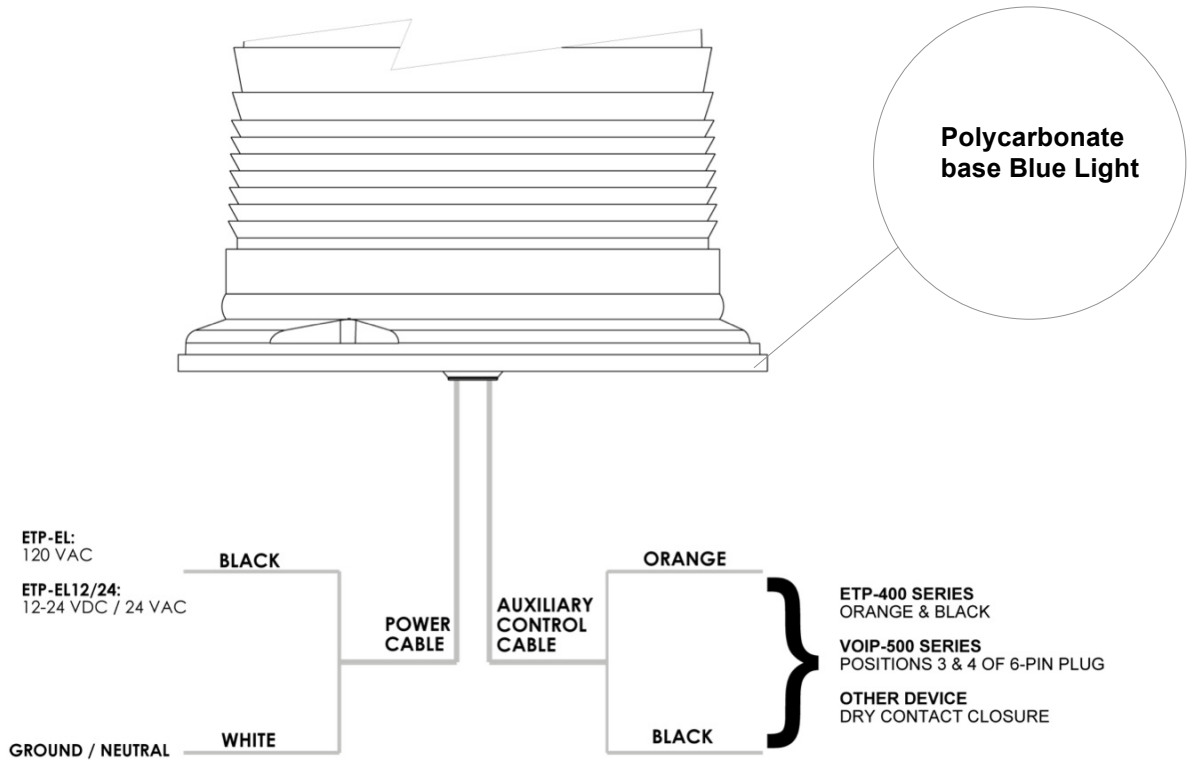
When using the **ETP-400** Series phone, connect the phone line coming into the tower to the male RJ11 connector coming from the Emergency Phone. An outdoor rated RJ11 female modular jack on the end of the incoming phone line is strongly recommended. The phone line will supply power to the ETP-400 Series Emergency Phone.

When using the **VOIP-500** Series phone, connect the Ethernet interface coming into the tower to the primary RJ45 port (next to the power connector) of the Emergency Phone. You can supply Power over Ethernet (+36VDC – 57VDC, max 250mA), +12VDC (max 800mA), or +24VAC/DC (max 500mA) to power the VOIP-500 Series Emergency Phone.

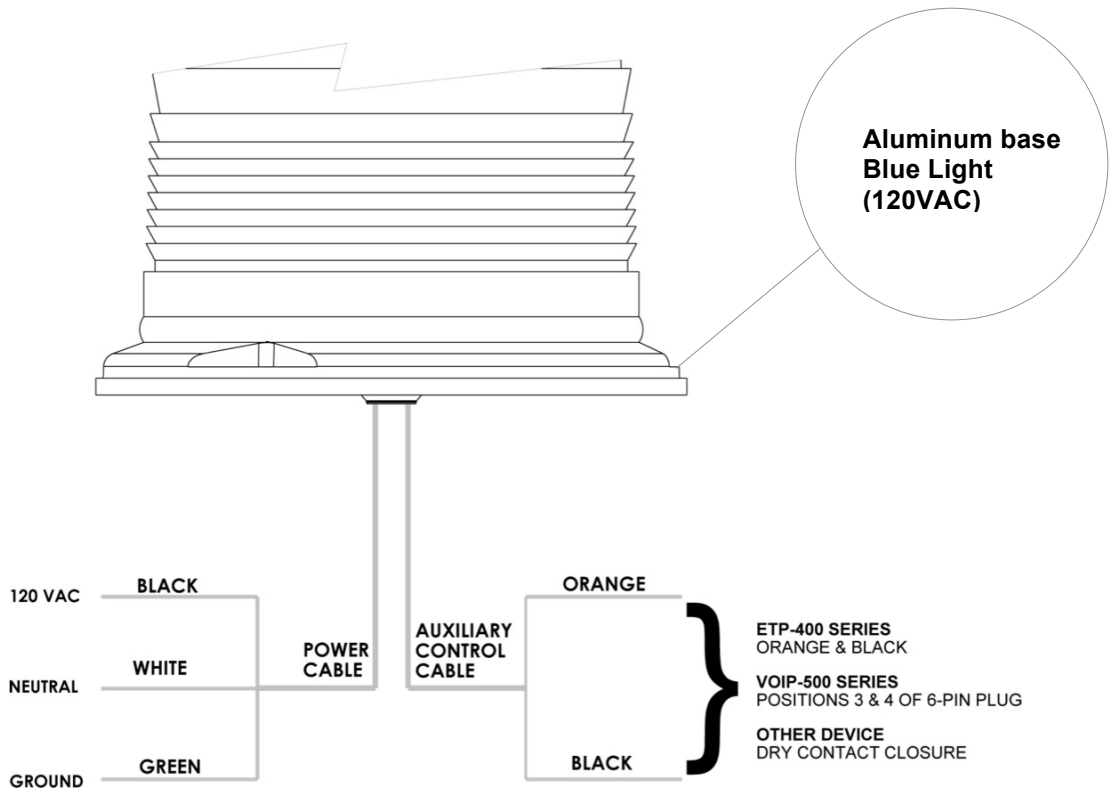
8. Re-attach the cover plate over the access opening.

Copyright 2010 Talk-A-Phone Co. All rights reserved.

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



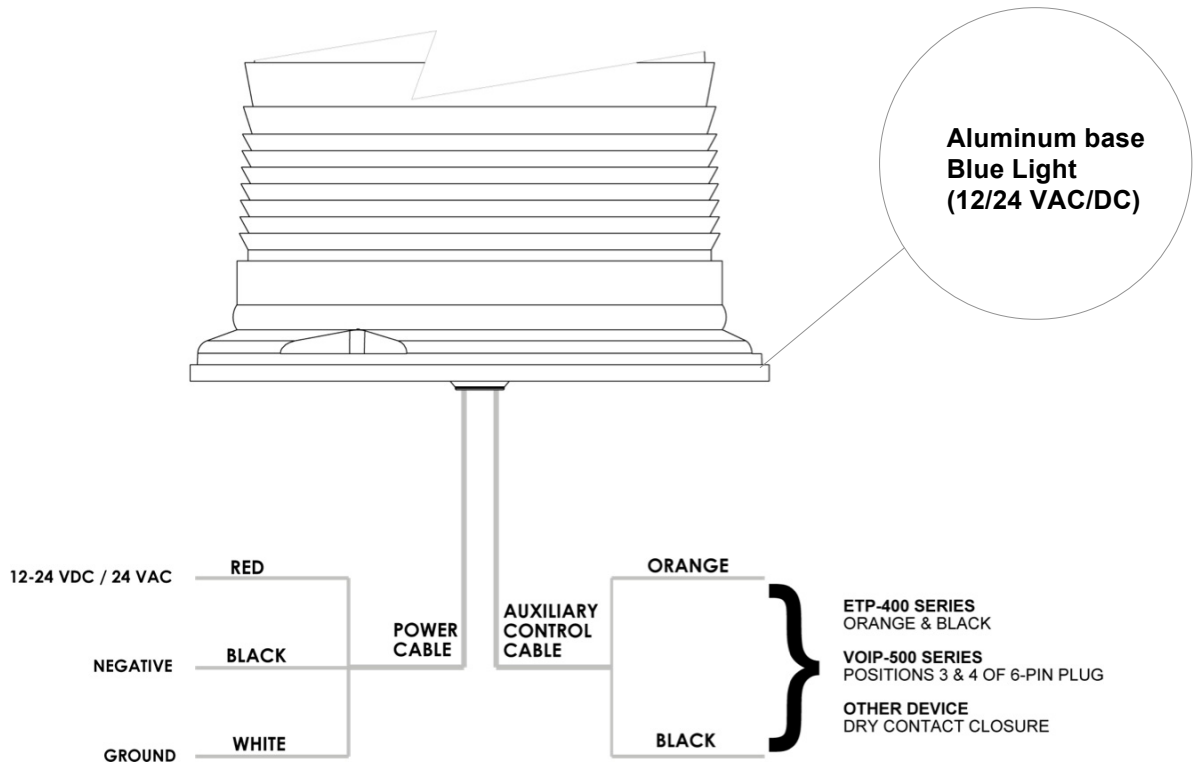
**Figure 1: Electrical connections to the ETP-EL and ETP-EL12/24 (polycarbonate base) Blue Light**



**Figure 2: Electrical connections to the ETP-EL (aluminum base) Blue Light**

Copyright 2010 Talk-A-Phone Co. All rights reserved.

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



**Figure 3: Electrical connections to the ETP-EL12/24 (aluminum base) Blue Light**