

ETP-WM & ETP-WM24 Wall Mounts – Installation Instructions



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 LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS

I. Introduction

The Model ETP-WM and ETP-WM24 Wall Mount units are designed to house the Talk-A-Phone Blue Light and a Talk-A-Phone 400-Series or 500-Series ADA compliant hands-free Emergency Phone.

II. Installation

To install the Wall Mount after site preparation (including telephone/data line and provision of power for the Blue Light and faceplate light), follow these steps:

1. The Wall Mount is held to the wall with 4 #10 screws. Install two #10 screws in order to hold the top section to the wall. Note that the screws should be located so that the Wall Mount will be at the desired height and in the correct position to receive any conduit connections.
2. Electric power and the telephone/data line can be brought into the unit in one of two ways:
 - a. There are two large openings in the back of the unit to allow the unit to be mounted over a standard flush-mounted electrical box and/or flush-mounted telephone connector box.
 - b. There are two conduit openings available on the bottom of the unit to feed the power and/or telephone/data line inside the unit (**Note:** power and telephone/data lines cannot be ran in the same conduit).
3. Remove the cap lid from the Wall Mount by removing the four #10 spanner security screws located on the side of the unit. DO NOT remove the Lexan shield from the unit. Mount the unit on the wall using the two keyholes on the top rear of the unit to the two screws mounted to the wall in step 1.
4. Install two additional #10 screws of the appropriate type in the holes in the lower rear of the unit. Tighten all four screws.
5. Install conduit over the bottom hole(s) of the unit if method (**b**) is being used (see step 2) and bring power line and/or telephone/data line inside the unit.
6. Wire incoming power to the faceplate light. The LED light board operates on 12V up to 120V AC/DC and is non-polarity sensitive.
7. 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**).

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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**).

- 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.

- Attach the Emergency Phone to the Wall Mount 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.

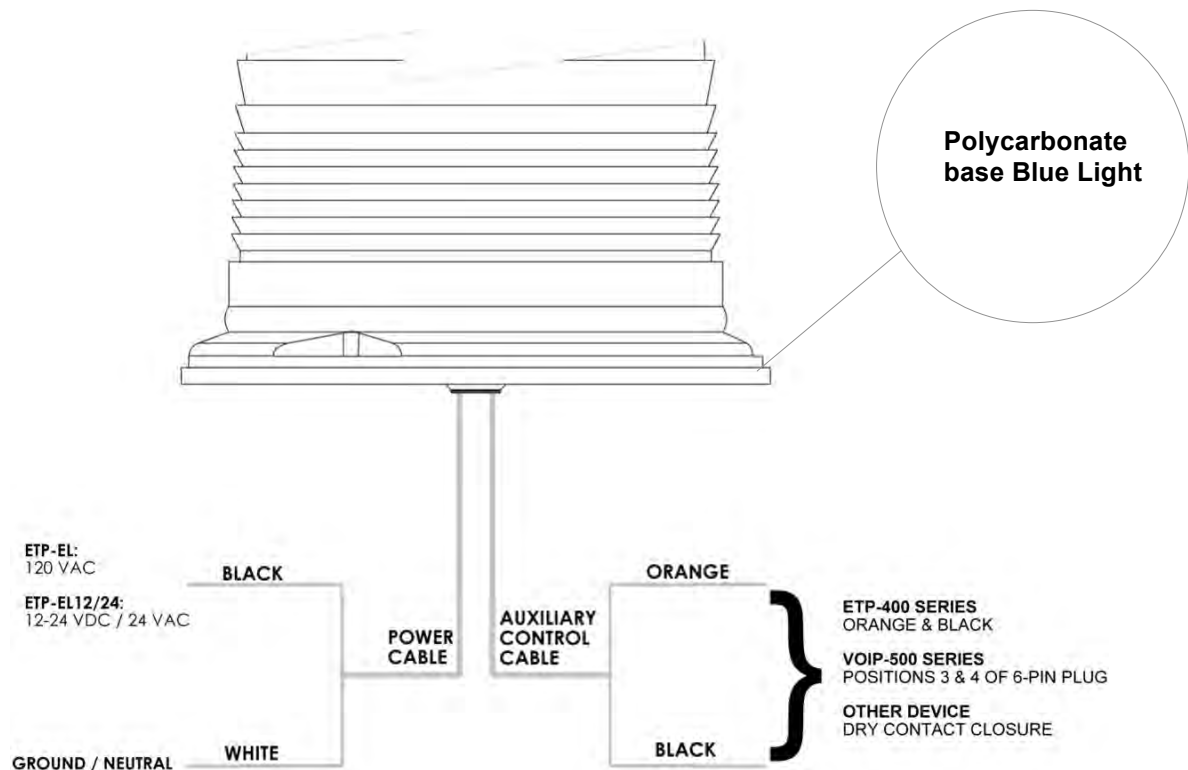


Figure 1: Electrical connections to the ETP-EL and ETP-EL12/24 (polycarbonate base) Blue Light

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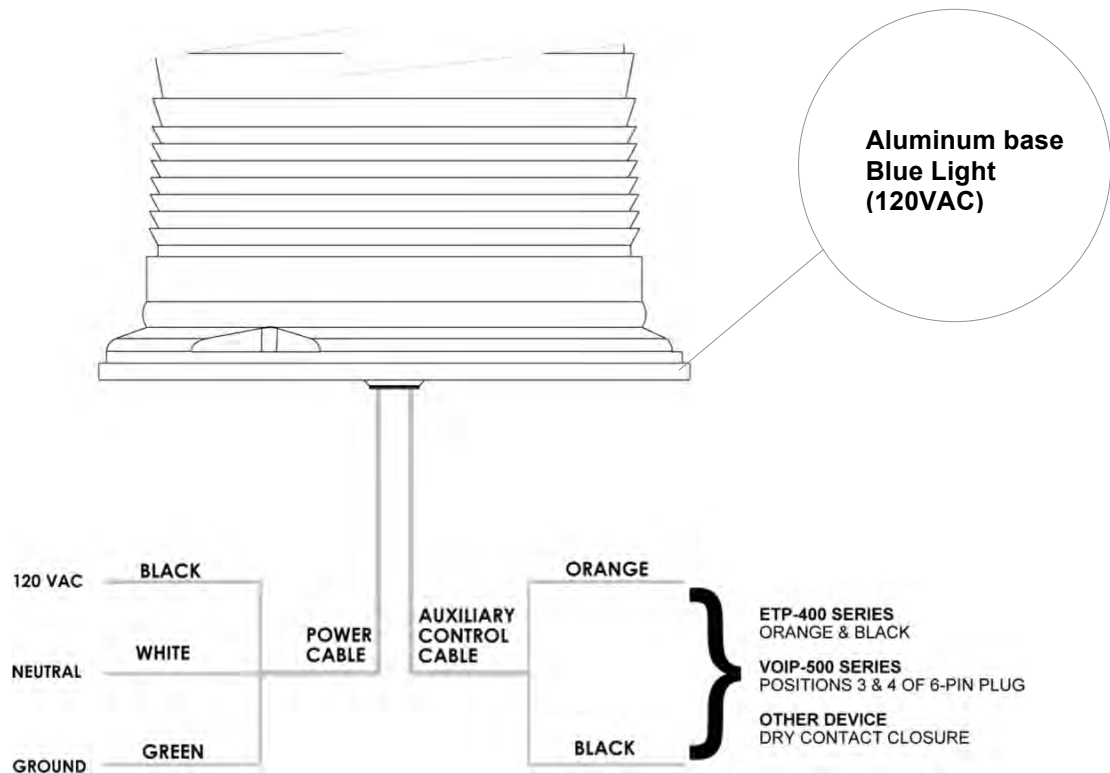


Figure 2: Electrical connections to the ETP-EL (aluminum base) Blue Light

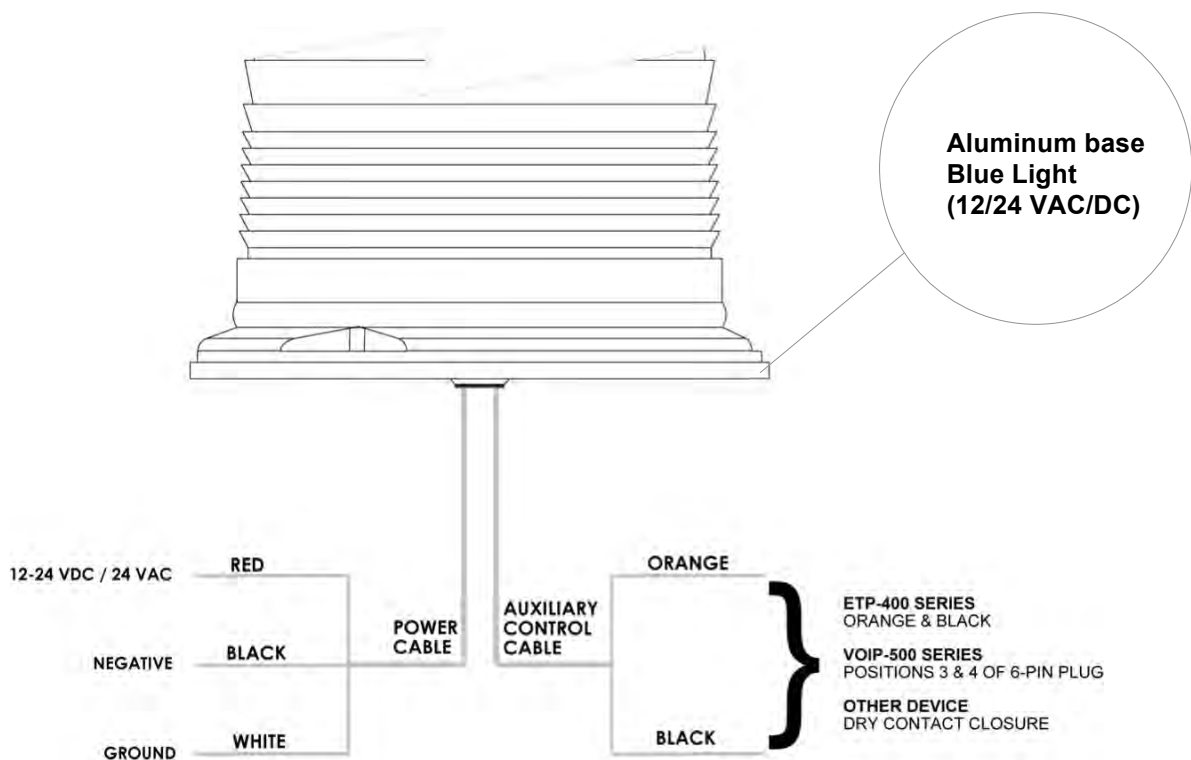


Figure 3: Electrical connections to the ETP-EL12/24 (aluminum base) Blue Light

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