

Installation and Operation of the TransTel Battery Module for the CPE^{ONE}

Introduction

The Battery Module (CPE-BM) houses two 2.0 Ahr batteries and circuitry for charging the batteries. The CPE-BM is designed to provide uninterrupted service for the CPE in case of temporary power outages. Fully charged batteries will power the CPE^{ONE} for about 24 hours in standby mode and approximately two hours of operation. The CPE-BM is not designed to serve as a permanent power source for the CPE^{ONE}.

Copyright TransTel Group, Inc. Norcross, GA 30093, USA. All rights reserved.
Subject to change without prior notice.

TransTel Group, Inc.
5555 Oakbrook Parkway
Norcross, GA 30093
Tel. 770 368-8343
Fax 770 368-8382

Installation of the CPE-BM

Unplug the power cord from the power receptacle of the CPE^{ONE}. Remove the wall mounting brackets from the bottom plate of the CPE^{ONE} if they were previously installed.

Locate the plug of the five-wire cable in the 3/4 by 2 1/2 -inch opening in the top side of the CPE-BM

and pull it out to a length of two to three inches. Orient the bottom of the CPE above the battery module as indicated in Figure 1.

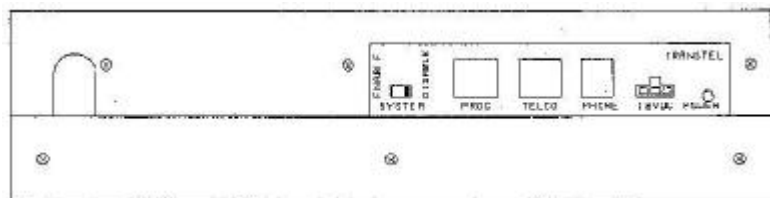


Figure 1. CPE^{ONE} (top) in correct orientation above Battery Module for joining the two units. Note that the three flat-head screws of the CPE^{ONE} (top part of drawing) and the three screws of the Battery Module (bottom part of drawing) line up on the same side.

Carefully insert the plug with the five-wire cable into the matching five-pin connector located in the 3/4 by 1/2-inch opening of the bottom plate of the CPE^{ONE}. Please note that the plug can only be inserted one way: The narrow side of plug and connector must match.

Gently place the CPE^{ONE} on top of the battery module. If the above alignment was correctly carried out, the two units will fit perfectly. If the two units do not fit together, repeat the above orientation procedure.

Hold the CPE^{ONE} and the battery module tightly together and locate the four captive screws in the corners of the bottom side of the battery module. Using a blade screw driver, tighten by turning the captive screws clockwise.

If desired, the wall mounting brackets can now be attached to the bottom plate of the battery module. To do this, one of the brackets must be mounted parallel to the above narrow face of the battery module shown in Figure 1. The other bracket must be mounted at the opposite bottom section.

Operation of the CPE-BM

Move the slide switch of the CPE^{ONE} to ENABLE. Plug the power cord into the receptacle of the CPE^{ONE}. After a delay of five seconds the yellow diode of the CPE^{ONE} will light up and the unit will turn on. To check correct operation unplug the power cord. The yellow diode should remain lit. Reconnect the power cord.

The slide switch must be in the ENABLE position for proper operation. To turn the unit off while the battery module is connected, unplug the power cord from the CPE^{ONE} and move the slide switch to DISABLE.