

Instructions for CM-16 Installation

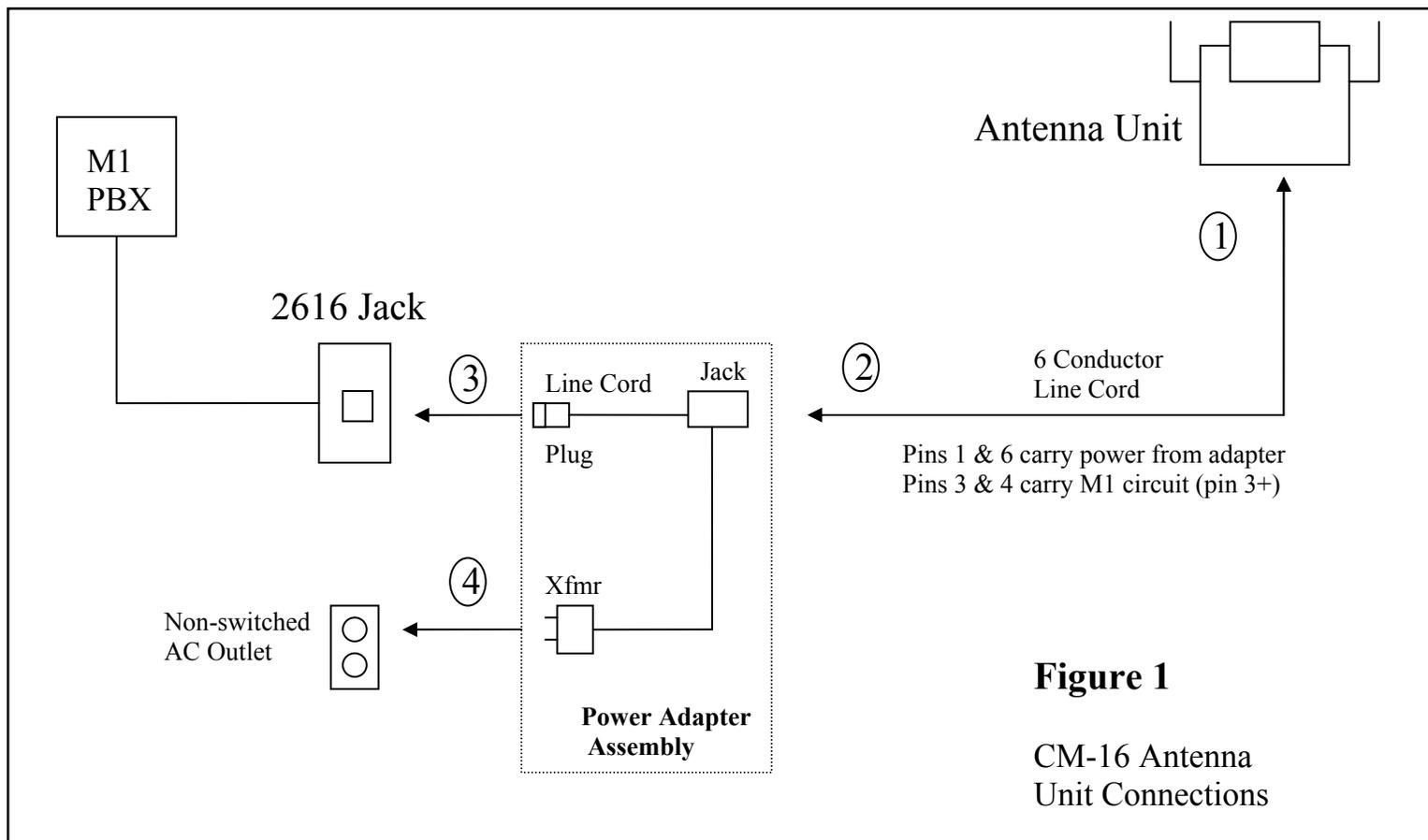


Figure 2 Handset Preparation

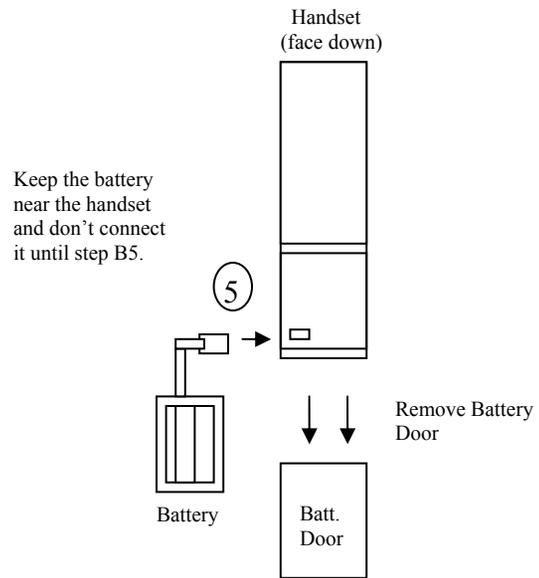
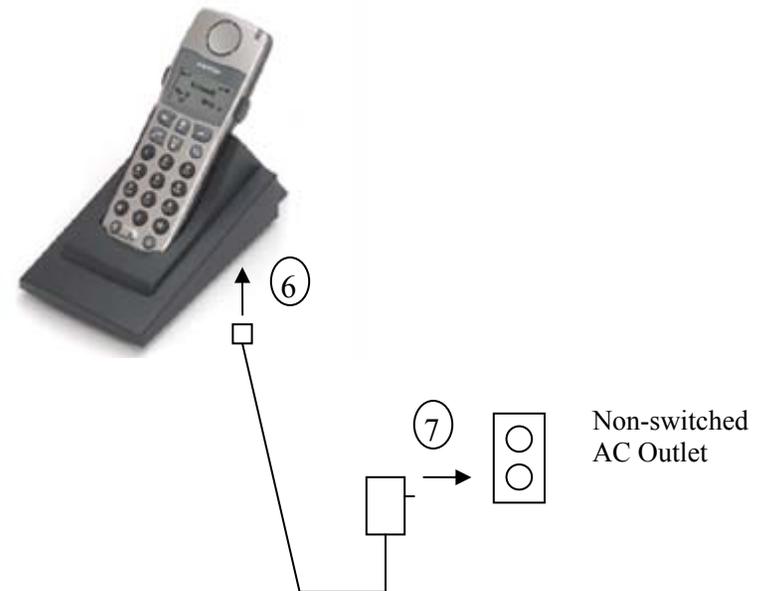


Figure 3 Charger Preparation



CM-16 Installation

The installation process is divided into three sections A, B, and C. If you follow the steps in order, the Handset and Antenna Unit will properly synchronize with the M1 2616 port. At this time per Figure 2, prepare the handset by removing the battery cover and placing the battery near the handset so you can connect it quickly in step B5.

A. Configure the 2616 Port and wall jack

If you have not already configured and verified a 2616 port, do so now. The Antenna Unit will not operate unless connected to a working M1 circuit and the handset won't work or even charge the battery properly unless the Antenna Unit is operational first.

B. Antenna Unit Connections

The Antenna Unit must be connected to a known working M1 port configured for a 2616 wired set. Where possible, verify the port and key assignments by using a 2616 set before connecting the CM-16 to that jack.

Refer to Figure 1 and connect the components in this order.

- 1) Plug one end of the 6 conductor cord (supplied) to the Antenna Unit
- 2) Plug the other end of the 6 conductor cord into the jack on the Power Adapter Assembly

In the next two steps certain LEDs on the Antenna Unit should light up, so watch for the appropriate LED response.

- 3) Plug the short 2 conductor line cord tail of the Power Adapter Assembly into the 2616 Jack. When a working port is detected and the polarity is correct (pin 3+ and pin 4-), the center LED will blink and the left LED will turn on steady. If both LEDs are not indicating as described, stop the installation and verify the M1 port is working at the intended jack with a 2616 set. Next,

verify all modular cord connections to this point are correct and making good contact. When both LEDs are indicating properly, continue at step 4.

- 4) Plug the power adapter transformer (Xfmr) into a non-switched 120V AC outlet. The right LED will blink for about 40 seconds as the Antenna Unit scans for its Handset. This indicates the radio circuit has been properly powered. Go to step 5 to link the handset. If the right LED doesn't blink, verify the AC outlet is working and that the Xfmr prongs fit snugly in the outlet. Try another outlet just to be sure. Once the right LED is blinking, continue at step 5.
- 5) While the Antenna Unit is scanning (right LED blinking), connect the battery to the handset. Place the battery in the compartment and slide the door closed. The handset should initialize and remain powered for a couple of minutes, enough time to link with the Antenna Unit and allow you to place a test call. Watch the handset display. As the handset initializes, two icons will appear in the top left corner. The left icon is the battery symbol and the internal bars of the icon show the remaining charge. The other important icon that must appear is the Antenna just to the right of the battery icon. When the Antenna icon appears, place a test call.

Place a test call...

From another M1 station, call this DN and answer the call by pressing the Handset Button (to the left of the "M" button). Verify two way transmission and hang up by pressing the button to the right of the "M" button.

C. Charger Cradle

Refer to Figure 3.

- 6) Plug the modular cord of the "cradle power adapter" into the jack on the bottom of the cradle. Route the cord through the retaining tabs of the molded cord slot. Verify the cradle rests on all four feet and doesn't wobble.
- 7) Plug the transformer into a known working non-switched AC outlet. There is no power light on the cradle. However, once the handset is placed in the cradle, the battery icon will blink indicating the battery is being charged. The Handset (battery) needs to be charged at least 6 hours before use.