

## OPERATION & MAINTENANCE INSTRUCTIONS

These instructions are for the care and use of the AC2000B Battery Charger and for the COM2000 COMMUNICATOR<sup>®</sup> batteries which are charged in the AC2000B.

### A. Battery Charger

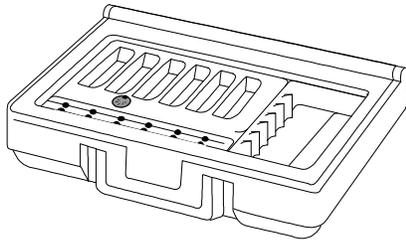


Figure 1.

- ! Place the battery charger in a clean, dry location.
- ! Connect the HME 16.5VAC power adapter.
- ! Leave the battery charger plugged in and turned on. Do not plug it into a circuit that is turned off at night.
- ! Leave the lid of the charger open when charging batteries.
- ! The AC2000B takes approximately 10 hours at 60Hz, or 12 hours at 50Hz to fully charge a battery.
- ! The charge indicator (red light) under a battery port remains on while a battery in the port is charging.
- ! When a battery is fully charged, the green light will come on and remain on as long as the battery is left undisturbed. The light will change back to red if: (1) the AC power to the charger is interrupted, or (2) the battery is disturbed in its port.

**NOTE:** Although the light under a fully-charged battery may change from green to red if the charging cycle is interrupted, if the battery was charged for 10 hours, it should still be fully charged.

- ! Clean the battery charger monthly as follows. **CAUTION: Always unplug the charger before cleaning it.** Wet the tip of a cotton swab with rubbing alcohol, and squeeze the excess alcohol from the swab. Wipe the metal contacts in each battery port with the damp swab. Be careful not to damage the spring contact by snagging it on the cotton. Allow the contacts to dry before placing batteries in the ports.

### B. Battery

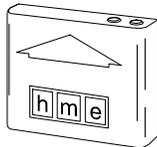
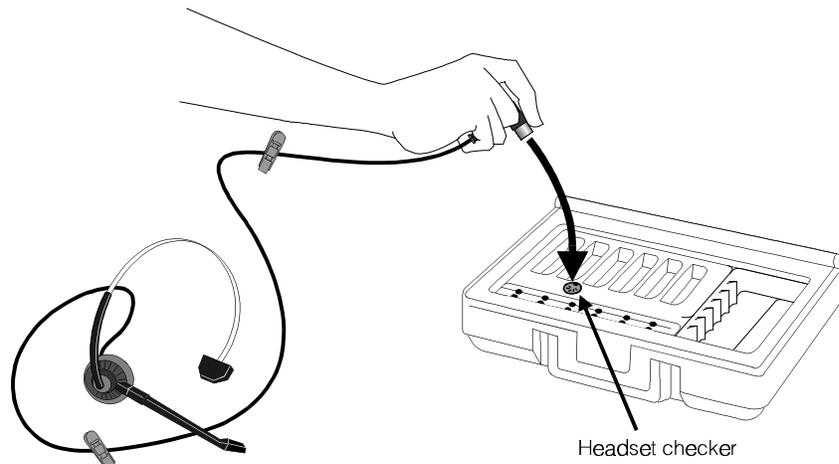


Figure 2.

- ! Fully charged batteries should last 8 - 12 hours.
- ! HME nickel-cadmium (NiCd) batteries, if properly maintained, are designed to operate approximately 2 years.
- ! Charge batteries only when their charge has been depleted. Unnecessary charging may decrease the life of your batteries.
- ! Store batteries in Communicator with its power turned off when not in use. Do not remove batteries from Communicator until they need recharging.
- ! Remove the battery from the Communicator and replace it with a fully charged battery only if you have trouble operating the Communicator.  
**CAUTION: To prevent damage to the Communicator, be certain the OFF/VOLUME control is in the OFF position before removing or installing a battery.**
- ! To maximize battery life, do not leave batteries in the charger longer than 48 hours after they have been fully charged. To avoid discharging the batteries, remove them from the charger if it is not turned on.
- ! Do not let the metal battery contacts touch any other metal object, or damage to the battery may occur. Never expose batteries to excessive heat.
- ! Clean the metal contacts on the batteries and Communicator monthly. To clean the contacts, wet the tip of a cotton swab with rubbing alcohol, and squeeze the excess alcohol from the swab. Wipe the metal contacts of the batteries and Communicator with the damp swab.
- ! For proper disposal of old or damaged batteries, contact your local waste control or HM Electronics, Inc. (Batteries are composed of nickel cadmium.)

## C. Headset Checker

The built-in headset checker in the AC2000B Battery Charger allows you to determine if you have a defective headset. The headset checker should be operated as follows:



**Figure 3.**  
**AC2000B Battery Charger with Headset Checker**

- ! Be certain the AC2000B is properly connected to an electrical outlet.
- ! Plug the headset cable connector into the receptacle on the AC2000B Battery Charger as shown in Figure 3.
- ! Speak into the headset microphone and listen for your own voice in the earpiece. If you do not hear your voice in the headset when following the instructions above, the headset may be defective. If this occurs, call HME at 1-800-848-4468.

**In the event of an electrical power outage —**

such as from a lightning storm or power generator failure, if you experience problems with your HME equipment after the electricity comes on again, unplug the AC power adapters from their electrical outlets, then plug them back in.