

Care And Feeding Of Batteries In Mipro Amplifiers

Problems with batteries comprise a major portion of the complaints we see regarding the MA-707, MA705 and MA101 portable PA amplifier systems. Strictly speaking, failed batteries do not necessarily qualify as a manufacturing defect under warranty unless the failure occurred due to a defect in the charging system of the amplifier.

The sealed lead-acid battery used in these units provides the best available size, weight, power capacity and battery life. However, they do require that the user follow some basic practices to obtain maximum service life. Improper usage can ruin a battery in as little as 24 hours.

Charging: Batteries must be recharged as soon as possible after any significant use. Allowing a discharged battery to stand overnight can severely damage it.

NOTE: The MA-707 has a separate Charger Power Switch for the battery charger located at the upper left corner of the panel near the 9V battery drawer. **This switch must be pressed IN to turn on the charger** after the AC power cord is plugged into the front panel. Turn the POWER switch (at the right side of the panel) OFF.

During charge, the charging indicator LED should flash on and off. As the battery nears full charge, that LED becomes lit continuously. We recommend continuing to charge the batteries for 30 minutes to an hour after the LED stops flashing to ensure full charge.

However, the batteries should not be left on continuous charge, because overcharging can also damage the batteries.

If the unit will not be used for more than 2 – 3 weeks, we recommend connecting the unit's AC power cord to an appliance timer. Set the timer to switch ON for its minimum time (usually 15 minutes) once every 24 hours. For MA-707s, be sure the Charger Switch is pressed ON. This will refresh the battery charge daily and keep it ready for service.