



# G-Series Voice Pager Battery Resource Guide

## Battery Optimization, Replacement Schedule & Resources

### G1 VOICE PAGERS

**Battery:** 1000mAh AAA NiMH Rechargeable Batteries

**Battery Replacement Schedule:** Every 6 Months/ For optimal performance replace G1 batteries every 6 months

**Charging:** G1 Desktop Charger, G1 Amplified Charger (Use only the OEM power adapter with G1 Chargers)

#### **RECOMMENDED TROUBLESHOOTING STEPS FOR BATTERY/CHARGING ISSUES:**

1. Verify that the correct batteries are being used.
2. Verify that the batteries have been replaced within past 6-months (G1 AAA battery has a 6-month life and should be replaced every 6 months).
3. Verify that the correct power adapter is being used with charger. Charger should be plugged directly into a wall outlet (not a power strip or extension cord).
4. Verify that the battery door screws are not over-tightened. Over tightening/torquing the screws can cause the battery door to flux, or bend, which may affect how the unit rests in the cradle. Ensure that battery door is flush with the rest of the pager.

#### **G1 PPS/PROGRAMMING SETTINGS (Review the settings that may impact battery life below):**

1. **Display Backlight-** Check the display backlight settings, including brightness level, timing and if set to "manual" instead of "Automatic".
2. **Scan Settings Light Duration and the Effects on Battery Life-** The light comes on when it detects traffic on the radio which covers 2-tone, monitor, scan, etc. The duration needs to be set to a short amount of time to conserve on battery life.
3. **Back Light Flashing-** This should be set to your 2-tone activity. The backlight as well as the backlight strobe will effect battery life.
4. **MDC and the Effects on Battery Life-** Through much testing we have concluded that having MDC activated will dramatically impact battery life. If MDC is needed, we recommend building it on a different knob or zone.
5. **Multiple A Tones and the Effects on Battery Life-** When a tone table consist of multiple tone groups that have a common tone A, this will affect the battery life. Because the device is scanning more often to look for proper tone B, d code sequence.
6. **Turning off Back Light to Save Battery Life-** Turning off the backlight as well as the LCD screen can dramatically improve the battery life.

### G-SERIES P25 VOICE PAGERS (G2/G3/G4/G5 P25 VOICE PAGERS)

**Battery:** G-Series 2800mAh Li-Ion Battery

**Battery Life/Replacement Schedule:** 12 Months/ For optimal performance replace G2-G5 batteries every 12 months

**Charging:** G-Series Micro USB Charging Cable & Power Adapter, G-Series Desktop Charger, G-Series Amplified Charger (Use only the OEM charging cable & power adapter to charge your G-Series Voice Pager)

#### **RECOMMENDED TROUBLESHOOTING STEPS FOR BATTERY/CHARGING ISSUES:**

1. Verify that the correct OEM micro-USB charging cable AND power adapter are being used to charge the pager. Charger should be plugged directly into a wall outlet (not a power strip or extension cord).
2. Verify that the battery has been replaced within past 12-months (G2-G5 battery has a 12-month life and should be replaced annually).
3. G-Series P25 Voice Pagers reported as "no power/no response to charge" or "not charging with flashing lights" may require a battery hard reset. The "Hard Reset" battery pull will force the pager into a complete power down state so that battery charging can commence. Follow the instructions below exactly as outlined.

#### **G2-G5 BATTERY HARD RESET INSTRUCTIONS (for G2-G5 P25 Voice Pagers):**

1. *Remove the battery from pager for at least 5 minutes.*
2. *Make sure that pager power is turned OFF, then replace the battery.*
3. *Connect the pager to the charging cable & power supply for minimum 2-3 minutes (Use the micro-USB cable & power supply included with each G-Series Pager).*
4. *Turn pager ON and then back OFF and leave in the OFF position for 3 minutes.*
5. *After 3 minutes, you should be able to press the center joystick button and see the charging indicator once again.*
6. *Allow pager to continue charging until battery shows full charge of 100%.*