



## Batteries Used with Your Biomodulator

Batteries are **not** all the same when using your Biomodulator at full power with your Transducer.

When you are using your Biomodulator at full power with your Transducer in the “Infinity” mode it is taking a great demand on the batteries. Because of this, you will go through alkaline batteries very fast and you will not be able to use rechargeable batteries at all.

### **Reasons why we say do not use rechargeable batteries**

**NiMH rechargeable batteries put out less voltage than their alkaline counterparts 1.2V vs. 1.5V** Voltage will be too low to run your Biomodulator and Transducer.

For example, with devices that take...

- **1 battery.** The 0.3V difference between 1.5V and 1.2V is rarely a problem.
- **2 batteries.** The device expects 3.0V from alkalines but you give it only 2.4V from NiMH.
- [NiZn batteries](#) are also rechargeable, with voltage of, 1.65V. NiZn are so powerful that they can fry sensitive devices.

### **Alkaline or Lithium Batteries are the only ones we recommend**

- **Do not mix new and old batteries in the same device, because that promotes leaking.**

**What you will notice when your batteries don't have enough voltage to power your Biomodulator and Transducer on high power in the Infinity mode are...**

- Your device will reset back to the “Access” mode. The batteries are not dead, but they don't have enough power to run the Transducer in the “Infinity” mode. You can still use your Biomodulator without the Transducer for a while longer.

**\*The “Infinity” mode uses more power than the “Ten8” mode does.\***