



# Getting to Know Your BuzzBox

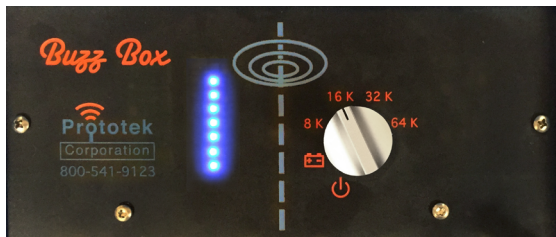
Your BuzzBox is powered by 6 standard alkaline “C” cells. They are visible at the edge of the electronics section, as shown below. They all install with the positive “button” end up, and in fact it is nearly impossible to install them incorrectly. The Ground Rod is held in place by the 2 clips next to the battery compartment, and it serves to keep the batteries in place in case the BuzzBox is bounced around. We recommend that you always store the Ground Rod this way when you are transporting it. Always replace all of the batteries when they get weak; don’t mix old and new ones. The Ground Rod makes a good tool for getting old batteries out; stick the point inside the rim at the top of each battery and gently pry against the edge of the black panel to pop it out.



All operations are controlled by the single knob. The positions are clearly marked, and correspond to “Off”, Battery Check, and 4 transmitter frequencies. Whenever the BuzzBox is on, it beeps once per second. In the Battery Check position the line of green LEDs to the left of the knob tell you the condition of the batteries. When they are fresh, all 8 LEDs are lit. As they age you will see fewer lit, but the BuzzBox is designed to deliver full power until it is down to a single LED. At this point you will see a single green LED lit at the bottom while the 7 others will be red, and the BuzzBox will not function until the batteries are replaced (the beeping will be twice as fast in this case). As the batteries age you may see as many as 8 LEDs light when you first turn the unit on, then quickly drop to fewer. This is normal, and as long as there is more than one LED lit your BuzzBox will function normally.



In use, select any of the 4 transmitter frequencies with the knob. If you have the cables unplugged for Inductive locating, the LEDs that indicate signal strength will be **green**, and they will light sequentially from the bottom to the top. It can take several seconds for all of them to light; this is normal and when they are all lit your BuzzBox is at full power.



When the cables are plugged in and connected for Conductive locating, the number of lit **blue** LEDs indicates the quality of the ground in your setup. You should endeavor to cause as many LEDs to light as possible by wetting the ground around the rod or choosing an alternative ground method.

Full instructions for line locating with your BuzzBox are in the  
**Digital Underground Locating** manual

