

Quick Start Guide

Water Level Meter

This guide is meant to serve as a quick reference for operating the Keck Water Level Meter.



Step 1

Turn instrument on. A loud signal & red light indicates battery is adequate for normal operation

Step 2

Carefully lower probe down the well. At the water surface a light & buzzer will activate. At this point adjust sensitivity dial by rotating it counter-clockwise until they turn off.

Step 3

With probe in contact with water, adjust sensitivity dial clockwise until light & buzzer barely activate. In this setting, the probe will detect water level & avoid false triggering.

Step 4

Water level measurements can now be taken.

Step 5

Store Water Level Meter with On/ Sensitivity switch in OFF position. To turn unit off, rotate switch fully counter clockwise until switch clicks.



CAUTION - To avoid damage to tape and strain relief, do not over tighten reel with probe in storage position. Use the tape guard to prevent any damage to the tape.

Troubleshooting

Problem: No signal (audible or visible) when unit is turned on:

- a. Battery is discharged - **Solution:** Check or change battery
- b. Circuit is malfunctioning - **Solution:** Call Van Walt

Problem: No indication of water:

- a. Conductive contact is dirty - **Solution:** Clean the contact
- b. There is an open connection in the tape - **Solution:** Call Van Walt

Problem: Signal (audible or visible) is intermittent:

- a. There is an open connection in the tape - **Solution:** Call Van Walt
- b. A loose connection in the circuit or the probe - **Solution:** Call Van Walt

Problem: The signal (audible or visible) is continuous when not in water:

- a. Conductive contact is dirty (causing bridging) - **Solution:** Clean the contact
- b. A short in the tape and/or probe - **Solution:** Call Van Walt
- c. The circuit is malfunctioning - **Solution:** Call Van Walt