



QUICK START GUIDE: Water Level Meter

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



System Operation

1. Turn instrument on. A loud signal & red light indicates battery is adequate for normal operation.
2. Carefully lower probe downwell. At the water surface a light & buzzer will activate. At this point adjust sensitivity dial by rotating it counter-clockwise until they turn off.
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.
4. Water level measurements can now be taken.
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.

System Troubleshooting

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

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| A. | Battery is discharged | Solution: Check or change battery |
| B. | Circuit is malfunctioning | Solution: Call Van Walt |

PROBLEM: No indication of water:

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| 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:

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| 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:

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| 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. |