

# HYDROTEK AUTOMATIC FAUCET TROUBLE SHOOTING GUIDE

## (Battery Powered)

Normal Operation: When new batteries are inserted or RESET Button is pushed, the lights on the Printed Circuit Board (PCB) will blink in the following sequence: Red, Red (with solenoid clicking), Green, Red and Red. When the user's hands are placed under the spout, the red indicator light on the faucet will flash one time and the water will begin to flow. Water flow will stop when hands are removed. Red indicator light flashes when batteries are low. Please Note: Always push the RESET Button BEFORE attempting to diagnose any problem and AFTER taking a corrective action.

<b><u>PROBLEM</u></b>	<b><u>POSSIBLE CAUSE</u></b>	<b><u>TO DIAGNOSE</u></b>	<b><u>REMEDY</u></b>
<b>Faucet will not turn on:</b>	Water not turned on.	Check water supply	Turn water on.
"	Power supply failure	Check batteries, polarity of batteries and connections	Replace batteries, re-connect. Push RESET Button.
"	Batteries are weak.	Red indicator light flashes, no click.	Replace batteries and push RESET Button.
"	Sensor distance is too short	Use hand/palm to find focal point of sensor beam.	To adjust sensor distance out, turn adjustment clockwise. Push RESET Button.
"	Electronic PCB is defective.	Change batteries or RESET the unit. No light, no action.	Replace PCB.
"	Sensor eyes are defective.	Re-insert batteries and place hands in front of sensor eyes. Indicator light on faucet does not blink.	Replace sensor eyes and cable.
"	Solenoid Valve is clogged.	Solenoid is clicking but no water.	Clean solenoid and blow free all by-pass holes. Replace Control Disc. Push RESET Button.
"	In-line Filter is clogged	Open clean-out trap and check filter screen.	Clean or replace filter screen.
"	Solenoid Coil is defective.	Insert new batteries or RESET the unit. Light blinks but no solenoid clicking.	Replace solecoid coil. Push RESET Button.

**Faucet will not shut off:** Solenoid valve is normally closed. Turn off water and activate faucet. If there is a clicking sound, the solenoid is dirty. If there is no clicking sound, then replace solenoid valve. Other factors could be incorrect Sensor Distance Adjustment (too long); Electronic PCB is defective. If faucet is dripping, the solenoid valve needs a rebuild kit. Follow the same procedures as above for remedies.

**IMPORTANT:** Periodical maintenance is required for smooth and trouble-free operation of this faucet.

For more detailed procedures for remedies, call Hydrotek at 800-922-9883.