

# Salt Sensor Specifications and Timing Chart – R 1/17/22

Model Number: SS80	Board Revision Level: 2A	Software Revision Level: 2_0.8
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User Interface (Button)		
Button Press	Salt Sensor Response	Function Performed
Push < 1s	Quick LED Blink White + Quick Beep	<ul style="list-style-type: none"> <li>• Displays Current State</li> <li>• Silence or Un-silence Alarm</li> </ul>
Push n Hold 2s	Quick LED Blink White + Quick Beep	<ul style="list-style-type: none"> <li>• Resets Salt Sensor after Salt Add</li> </ul>
Salt Sensor Functions		
Function	Operations Performed	Enunciation
Current State	<ul style="list-style-type: none"> <li>• Salt Good</li> <li>• Salt Low</li> </ul>	<ul style="list-style-type: none"> <li>• 5 Green Blinks 5s</li> <li>• 5 Red Blinks and Beeps 10s</li> </ul>
<ul style="list-style-type: none"> <li>• Silence Alarm</li> <li>• Un-silence Alarm</li> </ul>	<ul style="list-style-type: none"> <li>• While unit is Blinking and Beeping Red</li> <li>• While unit is Blinking Red Only</li> </ul>	<ul style="list-style-type: none"> <li>• Push Button Again Confirms it is off. Alarm turns back on after 1 Week.</li> <li>• Push Button Again Confirms it is on.</li> </ul>
Reset	<ul style="list-style-type: none"> <li>• Resets Unit after Salt is Added</li> <li>• Resets the Salt Check time to the time of day of the Reset</li> </ul>	<ul style="list-style-type: none"> <li>• Resetting – Blinking Purple (8s)</li> <li>• Test State – Blinking Green or Red with Beeping (10m)</li> <li>• Active State – Green Blinking (3m)</li> </ul>
Low Battery	<ul style="list-style-type: none"> <li>• Below 3.6 Volts</li> </ul>	<ul style="list-style-type: none"> <li>• 3 Red Blinks and Beeps (3s)</li> </ul>
Salt Sensor Timing Chart		
Program Timing	Trigger	Enunciation and Duration
Initial Power Up	Remove Battery Pull Tab 1 <sup>st</sup> Time	<ul style="list-style-type: none"> <li>• Alternating Light Green, Purple, Red</li> </ul>
Initial Resetting	2s Button Press	<ul style="list-style-type: none"> <li>• Resetting – 2s Delay then - Blinking Purple (8s)</li> <li>• Test State – Blinking Green or Red with Beeping (10m)</li> <li>• Active State – Green Blinking (3m)</li> </ul>
Reset Verification	24 hours after initial reset is completed	<ul style="list-style-type: none"> <li>• Resetting – Blinking Purple (8s)</li> <li>• Test State – Blinking Green or Red with Beeping (10m)</li> <li>• Active State – Green Blinking (3m)</li> </ul>
Notifications	Every 24 minutes	<ul style="list-style-type: none"> <li>• Salt OK - 5 Green Blinks 5s</li> <li>• Salt Low - 5 Red Blinks and Beeps 10s</li> </ul>
Salt Check	Every 24 hours	<ul style="list-style-type: none"> <li>• Salt OK - 5 Green Blinks 5s or</li> <li>• Salt Low - 5 Red Blinks and Beeps 10s</li> <li>• Then active State 3m Green or Red Blinking</li> </ul>
Salt Alarm	24 hours after low salt detection and near the time of day the unit was last Reset	<ul style="list-style-type: none"> <li>• Manual alarm check by pushing reset button momentarily after low salt detection</li> <li>• Salt Low - 5 Red Blinks and Beeps 10s</li> </ul>
Physical Characteristics		
Characteristic	Value/Specification	
Box Dimensions	8 in. H x 4 in. W x 1.5 in. D (203.2 mm x 101.6 mm x 38.1 mm)	
Unit Dimensions	7.11 in. H x 3.49 in. W x .96 in. D (180.5 mm x 88.6 mm x 24.4 mm)	
Weight	6.15 oz. (233 g) with batteries	
Batteries-Voltage	(3) – AAA, Operating Voltage 3.6V – 4.5V	
Operating Temp.	32° to 130°F (0° to 54.4°C)	
Humidity	5-90% RH (non-condensing)	
Water Resistance	Splash Resistance	