

# Ecochirp Temperature Quick Start Guide

**This guide covers only  
the most basic operations.  
For other features and  
more details, see  
[www.hwm-water.com](http://www.hwm-water.com)**

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## 1. INSTALLATION

Optimum operating temperature should be below 50°C. We cannot guarantee the maximum life; therefore it is recommended to keep within the optimum operation temperature range for maximum battery performance.

If monitoring hot water systems it is not advisable to mount the transmitter directly on the pipe without intervening insulation.

For maximum transmission range the antenna of the transmitter should point upward (vertical polarization) and should be kept clear of obstructions, particularly metallic surfaces. Mounting brackets are available, to fit the cavity at the rear of the transmitter.

Operating in extreme environmental conditions will degrade the life-time of the battery.

## WARNING: - LITHIUM BATTERIES

If batteries are exposed - do not short circuit, re-charge, puncture, crush, immerse, force discharge or expose to temperatures above the declared operating temperature range of the product. **Risk of fire or explosion.** These batteries are sealed units which are not hazardous when used according to the recommendations of the manufacturer.

## 2. OPERATION

The reed switch is located on the front right of the unit. The unit will normally be transmitting out of the box. If a restart is required or the unit doesn't appear to transmit use the reed switch to initiate transmission. Hold a magnet to close the reed switch to causing the firmware reset. A click from the reed switch may be heard followed by a transmission burst.

Reed switch operation can be verified using an RF scanner tuned to the transmission frequency, when transmitting a burst or blip can be heard.

**If further support or assistance is required, please contact HWM  
Technical Support on 01633 489479 (option 5)  
or e-mail [cservice@HWM-Water.com](mailto:cservice@HWM-Water.com)**

## WARRANTY

All equipment is warranted by HWM-Water Ltd to be free from defect in materials and workmanship under normal use for a period of one year from the date shipped to the original customer. This warranty is only valid if the equipment:

1. is properly installed and operated under conditions of normal use in accordance with HWM's published instructions set out in the manual;
2. is operated in compliance with federal, state, county and local codes and;
3. is operated in accordance with standard industry practices.

As the exclusive remedy for any breach of warranty, HWM will repair or replace (at HWM's option) the non-conforming equipment. HWM shall have no liability for incidental, special, punitive or consequential damages arising from any defect in, or malfunction of, the equipment to any party. This warranty does not cover any costs incurred for the removal or installation of equipment.

If any problems occur, you should notify HWM or its authorised representative, giving full details of the problem, the model and serial numbers of the equipment and the HWM invoice number the equipment was shipped against. You will receive technical advice and / or shipping instructions depending on the nature of the problem. If the problem cannot be resolved you will be issued with an RMA number and a return address label so that the products can be shipped back to HWM for inspection. Once we have reviewed and confirmed that the product is in warranty, we will contact you to confirm what action we will be taking to resolve the issue.

All warranty and service activity must be undertaken by an authorised representative of HWM. The express warranty is in-lieu of all other representations or warranties, express, implied or statutory and specifically excludes and warranty of merchantability or fitness for a particular purpose. There are no warranties that extend beyond the description on the face hereof. No parties or affiliates can make any warranty, promises or representations either written or oral to the quality of products other than what is set out herein.