

# RL4412 transmitter

## Pro 4000T Series

Part of the **Hanwell Pro** RL4000T Series, the RL4412 is a dual channel temperature transmitter for 4 wire PT100 sensors, 5 pin Lemo socket and includes LCD display and 434.075MHz frequency as standard.

### Features

- ✓ Dual channel PT100 instrument
- ✓ LCD display with data readings & battery life
- ✓ Superior performance hardware & high accuracy sensors
- ✓ Easily accessible battery & USB socket
- ✓ Low power radio for long distance transmission (3km over open ground)
- ✓ Complies with RoHS, EU & WEEE directives
- ✓ Carries CE Marking

### Typical Applications

- Fridges
- Freezers
- Chillers

**Always ask for a long-range signal strength test.**



**We can prove ours to be unrivalled.**



Product code: RL4412-434.075 (other frequencies are available)

### Instrumentation specification

Dimension (Excl. ancillaries)	110 x 80 x 35mm
Weight	200 grams
Power supply	3.6V AA Lithium battery
Case material	ABS & PC
Memory capacity	50,000 readings per channel (unit will wrap when full)
Clock accuracy (logging)	20 ppm at 25°C
Instrument measuring range	-200°C to +160°C (Dependent on probe selection)
Instrument operating range	-20°C to +60°C (non-condensing RH environment)
Storage Temperature	-40°C to +60°C
IP Rating	IP30
Accuracy	+/- 0.1°C between 0°C to +40°C +/- 0.3°C outside these extremes
Resolution	0.1°C

### Radio transmitter functions

Frequency options	A range of frequencies are available between 433-458MHz. Country specific regulations apply.
Radio power	10mW
Radio range	3km over open ground
Battery Life	Up to 2 years (dependent on conditions of use and instrument settings)
Software required	W900 – Standard EMS Software Package W906 – Validated EMS Software Package *See EMS datasheet for further options
Software compatibility	<b>EMS</b> - All Versions <b>Synergy</b> - All Versions <b>RadioLog 8</b> <b>Important:</b> Unit <b>Must</b> be synchronised to work
Hardware required	CR2 / CR3 – Controller SR2 – Smart Receiver REP – Repeater

### Accessories

J237	PT100 probe. <a href="#">Please refer to the Hanwell Pro Sensor datasheet</a>
Y119	Wall mounting bracket
88706	AA Lithium battery

Manufactured by Hanwell | Ellab RoHS

Version 2 - EC200118

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