

RL4111/2 transmitter

Pro RL4000RH/T Series

Part of the **Hanwell Pro** RL4000RHT Series, the RL4111/2 combines high accuracy temperature and humidity measurement using a Rotronic HygroClip 2 probe. The instrument includes LCD display and 434.075MHz frequency as standard.

Features

- ✓ Combined temperature & humidity measurement
- ✓ LCD display with 50,000 data readings per channel & up to 1 year 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

- Dry storage
- Ambient room conditions

Always ask for a long-range signal strength test.



We can prove ours to be unrivalled.

Instrumentation specification

Dimension (Excl. ancillaries)	110 x 80 x 35mm
Weight	200 grams
Power supply	1 x 3.6V AA Lithium battery
Battery life	Up to 1 year (dependent on conditions of use and instrument settings)
Case material	ABS & PC
Memory capacity	50,000 readings per channel (unit will wrap when full)
Clock accuracy (logging)	20 ppm at 25°C
IP Rating	IP30
Instrument measuring range	RL4111: -40°C to +60°C RL4112: -50°C to +100°C
Instrument operating range	-20°C to +60°C in a non-condensing RH environment
Instrument storage temperature	-40°C to +60°C
Resolution	0.1°C (temp), 0.1%RH (humidity)



Photo shows: RL4111-434.075



Temperature



Humidity



Radio transmitter

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
Software required	W900 – Standard EMS Software Package W906 – Validated EMS Software Package *See EMS datasheet for further options
Software compatibility	RL4111: EMS - All Versions Synergy - All Versions RadioLog 8 RL4112: EMS W900: From Version 1.0.11 inclusive EMS W906 - From Version 2.0.4 inclusive
Hardware required	CR2 / CR3 – Controller SR2 – Smart Receiver REP – Repeater

Product codes

RL4111	Range -40°C to +60°C
RL4112	Range -50°C to +100°C
88706	AA Lithium battery
Y119	Wall mounting bracket
Probe options	Please refer to the Hanwell Pro Sensor datasheet

Manufactured by Hanwell | Ellab   RoHS

Version 3 - EC200116

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