

Ness RR2 Transmitter



MULTI-PURPOSE RADIO TRANSMITTER

- EXTERNAL INPUT FOR REED SWITCHES, VIBRATION SENSORS, PUSH BUTTONS OR ANY N.C. DEVICE.
- ON-BOARD ADJUSTABLE VIBRATION ANALYSER
- ON-BOARD REED SWITCH
- 9V BATTERY OPERATION & ULTRA LOW STANDBY CURRENT DRAW
- FULLY SUPERVISED, ENCRYPTED SIGNALS
- COMPATIBLE WITH ALL NESS RADIO RECEIVERS

PART NUMBER	100-527
Dimensions	78(h) x 73(w) x 27(d) mm. (Excluding magnet).
Operating voltage	9V Lithium battery (Ultralife U9VL).
Signals transmitted	1: Alarm/restore from reed switch or external input. 2: Tamper. 3: Low battery signal (~6V). 4: Learn message (on power up).
Radio security	1. Encrypted signals.* 2. Supervised operation.*
Input selection link:	Internal reed or external input or both in series.
Standby current draw	<10µA
Radio frequency	303.85MHz
Transmit power	100µW
External input	Accepts N.C. devices. 400mm max cable length to input.
Tamper switch	Cover tamper switch.
Reed switch	Miniature glass envelope, matching magnet supplied.
Vibration adjustment	Rotary min/max sensitivity adjustment.
Compatibility	All Ness radio receivers.
* Encryption and radio supervision when used with a compatible Ness receiver/control panel.	

The 100-527 Ness Universal Transmitter is a 9V battery operated transmitter with onboard reed switch, an external input and vibration analyser.

The external input can be used to take inputs from normally closed reed switches or emergency buttons. This allows connection of any type of N.C. switch or button to trigger an alarm signal.

The external input can also be used to connect Nessensor™ vibration sensors for completely wireless vibration sensing. The onboard vibration analyser can be easily adjusted for sensitivity.

The onboard reed switch allows for standalone door or window protection without using the external input. (The Ness 100-662 RR1 miniature radio reed switch can also be used for this purpose).

The Ness Universal transmitter also features radio encryption and supervision for total radio security.

APPLICATION IDEAS

EXTERNAL REED SWITCH

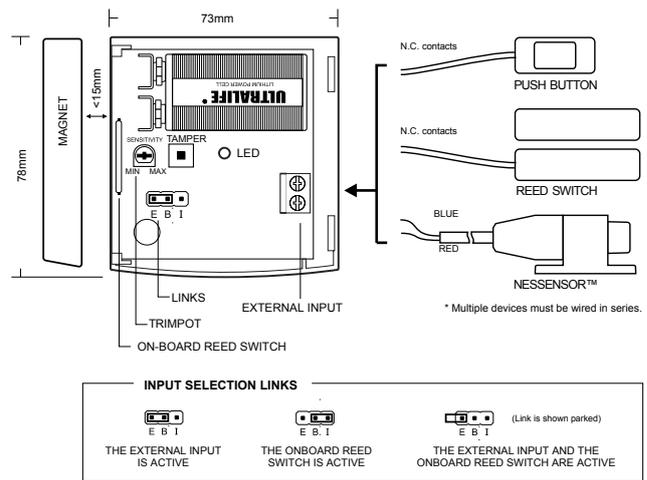
Coolroom door • Emergency exit door • Ceiling man hole • Skylight grille • Tradesman's van parked at home • Garden shed • Garage roller/tilt door • Warehouse door • Caravan or boat parked at home

NESSENSOR

Door and window frames • Cars in car yards • Display cases in shops • Jewellery cabinets • Safes, strongroom doors

OTHER EXTERNAL INPUTS

Refrigeration fail alarm • Water pump monitoring • Gate alarm • Machinery alarms



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