

RX2 Mk2 Receiver



Professional Wireless Solutions

POCSAG Radio Logging Receiver



Features

- Two output zones with relays
- RS232 serial output
- Small footprint
- microSD card
- Programmable via USB
- High specification Cat 1.5 receiver module
- Logging and graphing functions
- Received Signal strength indicator (RSSI)

The Scope RX2 Mk2 is a compact, versatile UHF POCSAG receiver decoder. It is equipped with 2 individually switchable output relays, an RS232 serial port, microSD card, logging and graphing functionality.

See next page for further details

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SPECIFICATIONS

Power:

12v - 13.8v dc input

Current:

38mA standby
92mA active serial decoder
126mA active, all relays +
sounder

Signal Format:

POCSAG FSK NRZ (normal/
inverted)

Frequency:

430 - 470MHz

Channel Spacing:

12.5KHz or 25 KHz

Frequency Deviation:

+/-2.5KHz or +/-4.5KHz

RF Baud Rate:

512/1200/2400

Receiver Performance:

Blocking: Cat 1.5, EN 300 220-1 V3.1.1

Sensitivity: -117dbm for 1% error

Compliance:

Radio Equipment Directive
2014/53/EU
ROHS Directive (EU) 2015/863

Standards Applied:

EN 300 220-1 V3.1.1 (Radio)
EN 301 489-1 V2.2.1 (EMC)
EN 62368-1: 2020 (Safety)

Relay Contact Max Rating:

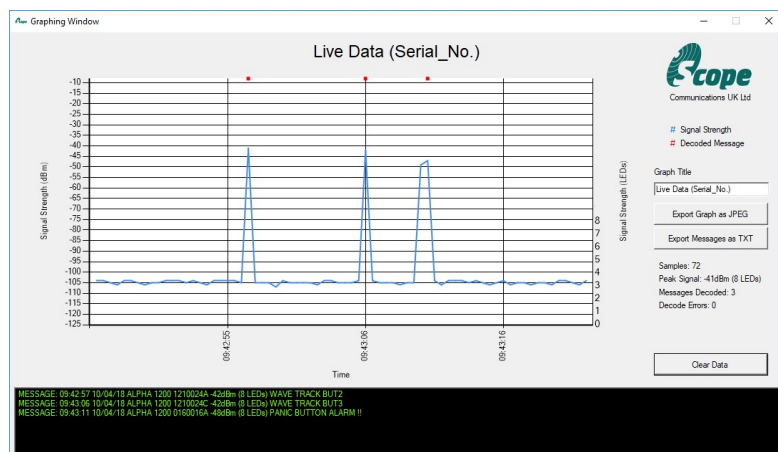
1A @ 60V DC

Serial Port:

RS232
1200-115200 baud
N 8 1

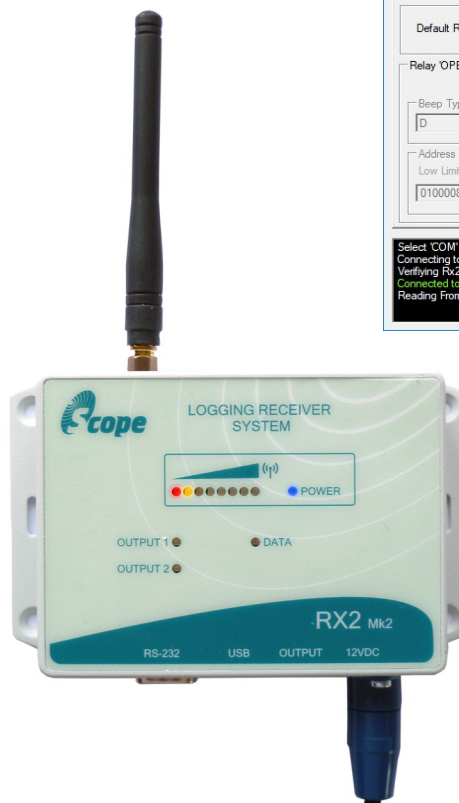
Supplied PC software

The supplied PC app software not only enables you to configure the RX2 to your requirements, but also contains functions to download the received event log and to view real-time events in text and graph format.



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Licensing: This equipment is receive only and does not require a licence in the UK.
Contact our sales team for further details.

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