

# RX10 Receiver

10-Zone Programmable



## features

- 10 zone LED and relay outputs
- Common relay output & sounder
- RS232 serial output
- Programmable via PC software
- Keyswitch reset facility

## Versatile & Dependable

Introducing our most versatile receivers to date, the RX10 range is compatible with all our POCSAG transmitters and is completely programmable using PC based configuration software. The 10 zones each have an individual relay output which can be set for latching, momentary or change of state. Data can also be output by the RS232 serial port for logging etc.

# RX10

## 10 zone programmable receiver

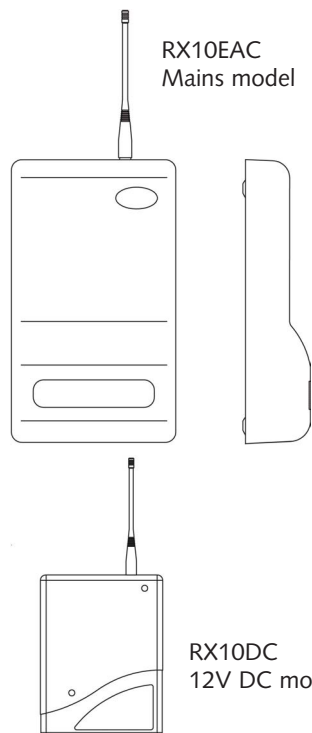
### Specification

<b>Power Input:</b>	
<b>RX10DC:</b>	12V to 13.8V DC max @ 0.7A
<b>RX10EAC:</b>	90-230V AC @ 0.5A
<b>Signal format:</b>	POCSAG FSK NRZ (Normal or Inverted)
<b>Frequency:</b>	Fixed Crystal in the range 440-470MHz
<b>Channel spacing:</b>	
<b>RX10DC:</b>	25kHz
<b>RX10EAC:</b>	12.5kHz & 25kHz
<b>Frequency deviation:</b>	+/-4.5kHz
<b>Over air baud rate:</b>	512,1200 or 2400bps
<b>Relay contact:</b>	Max. rating 0.5A @ 125V AC 1A @ 60V DC
<b>Serial port:</b>	RS232
<b>Serial baud rate:</b>	1200 to 115200
<b>Footprint:</b>	
<b>RX10EAC:</b> (H)* 328 x (W) 190 x (D) 78mm (*496 mm with 1/4 wave antenna)	
<b>RX10DC:</b> (H)* 185 x (W) 140 x (D) 42 mm (*335 mm with 1/4 wave antenna)	



### Main features

- **Compatibility:** Can be used with all Scope POCSAG transmitters
- **10 Zones:** 10 individual zone relays + common activity relay and sounder
- **Versatile Zone Configuration:** Each zone individually switchable. All relays can be programmed for latching or momentary operation
- **Serial Port:** RS232 serial port for data logging or repeater functions
- **Fully Programmable:** All functions are programmable with PC based configuration software
- **Receiver Identity Codes:** Responds to transmitted RIC's (receiver identity codes) or ranges of RIC's
- **Global Reset:** By keyswitch or transmitted RIC
- **Supervised:** 'transmitter in service' facility
- **Signal Strength Meter:** Mains powered version only



### Typical Applications

- **Security & Fire**
- **Plant monitoring**
- **Access Control monitoring**
- **Remote Switching**



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