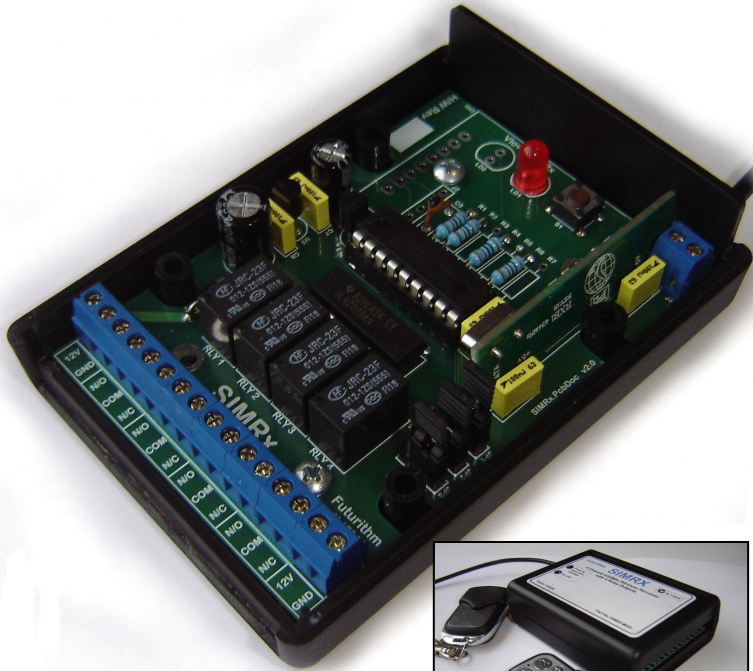


SIMRx – 4 Channel 434 MHz RF Receiver

Futurithm
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Penrith Business Centre, 2751
Ph: 0402 451 206
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by Futurithm



Features

- Dual 12V DC Power Terminals
- 4 x Relay Outputs with NO, NC and COM contacts
- Rx LED – Flashes during Learn & On when activated
- Single Button programming
- 3 x Output Types - Momentary, Latching & Delay
- 8 x Output Settings
- Easy configuration via 3 x On-Board Jumpers
- Long Range 100+ Meters
- High Sensitivity
- Modern Remote Controls with Sliding Cover
- Reverse Polarity Protection across Power Terminals

Applications

- Garage doors & Automatic Gates
- Remote arming & disarming of security systems
- Access Control & Home Automation

SIMRx Receiver

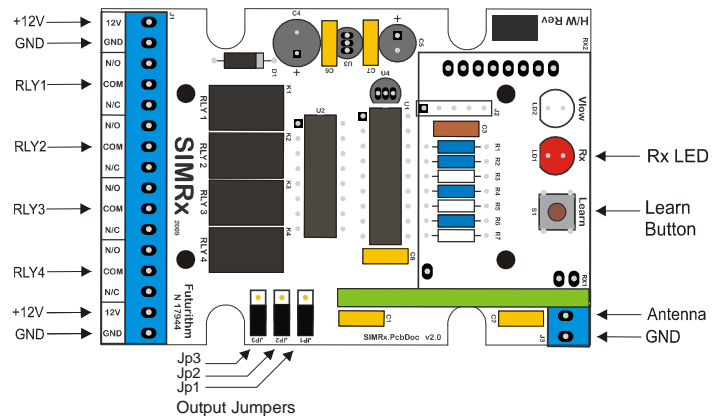
The SIMRx is designed as a simple, easy to use and easy to program universal RF Receiver for all domestic and commercial applications.

The SIMRx has high sensitivity for excellent range and reliability. Dual 12V terminal blocks assist the installer when wiring those common contacts of the relays to switch +12V or ground. An Antenna terminal block is provided to allow easy fitment of a high gain antenna where needed without any soldering to the PCB.

The SIMRx features 2 x 4 button modern style remote controls with a sliding cover to prevent against accidental button presses when placed in pockets. Combined with industry proven keeloq 66 bit rolling code technology the SIMRx offers a high degree of security with 21st century design.

The SIMRx relay outputs have 3 modes of operation; Momentary, Latching and Delay and 8 output settings, a combination of these 3 output types which are easily configured using on-board jumpers.

Supplied in a GP ABS Enclosure, with VHB double-sided tape for strength and no fuss mounting.



Specifications:

Operating voltage12VDC Nominal, Range 10.5 -18.5VDC
Operating current6.5mA, 65mA (all relays activated)
Receiver Type.....Superheterodyne ASK Receiver
Temperature-10c - +55c
Frequency433.95MHz
Sensitivity> -104dB
Relays8 x 1 Form C (SPDT)
Contact dry rating1A at 30V
RF TerminationTerminal Block
Antenna Type.....¼ Wave whip antenna
Enclosure TypeGP (UL94-HB) ABS Plastic
Terminal Spacing3.5mm
Remote Capacity.....16
Dimensions92mm x 66mm x 28mm
Weight100g

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Part No: SIMRx – 4Ch 434MHz RF Receiver inc 2 x 4 Button Keyfobs
GRCS4 – 4 Button Keyfob with Sliding Cover

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SIMRX Datasheet v2.doc