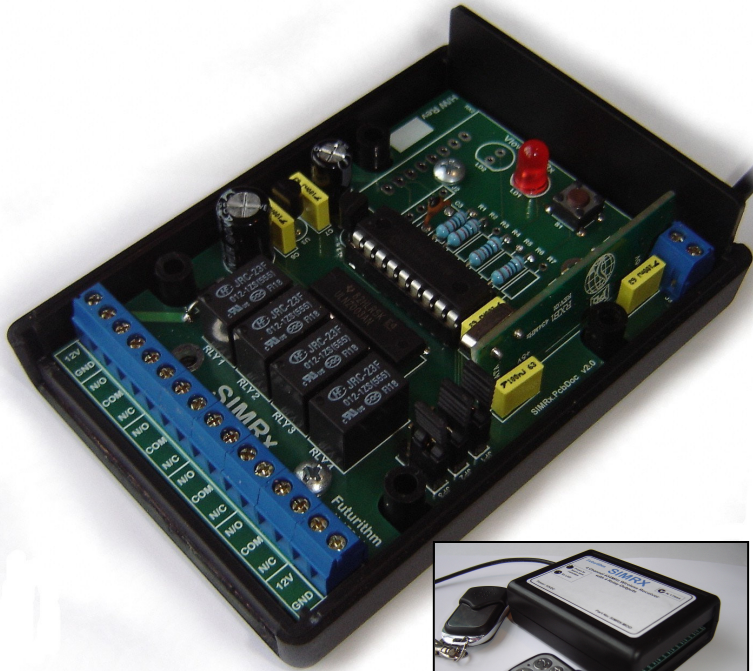


# SIMRx – 4 Channel 434 MHz RF Receiver

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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

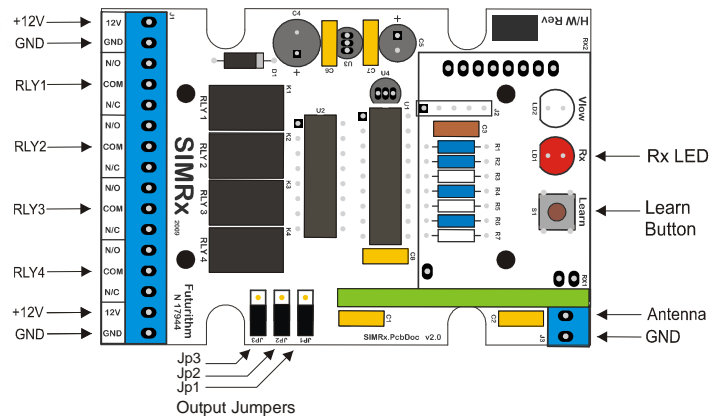
The SIMRx is designed as a simple, easy to use and easy to program universal RF Receiver for all domestic and commercial applications.

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 21<sup>st</sup> 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 voltage .....12VDC Nominal, Range 10.5 -18.5VDC  
Operating current .....6.5mA, 65mA (all relays activated)  
Receiver Type.....Superheterodyne ASK Receiver  
Temperature .....-10c - +55c  
Frequency .....433.95MHz  
Sensitivity .....> -104dB  
Relays ..... .8 x 1 Form C (SPDT)  
Contact dry rating .....1A at 30V  
RF Termination .....Terminal Block  
Antenna Type.....¼ Wave whip antenna  
Enclosure Type .....GP (UL94-HB) ABS Plastic  
Terminal Spacing .....3.5mm  
Remote Capacity.....16  
Dimensions .....92mm x 66mm x 28mm  
Weight .....100g

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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