

Installation Instructions

RKF-001 - Remote Keyfob and Receiver Kit

General Information

The RKF-001 kit is designed for general use analog wireless remote control. The RKF-001 transmitter features a compact IP68 rated design suited for use in marine conditions. The transmitter's paired receiver features (1) double throw relay and (3) single throw relay connections operated remotely by the (4) keyfob buttons. The transmitter and receiver feature KeeLoq® rolling code technology used as a security measure for encrypting it's 433.92 MHz radio frequency transmission and eliminate the chances of 'code snatching'. The RKF-001 has an open air range of 196ft and can be applied to any MPower CLMD(xx), Octoplex SIU, Maretron RIM100 or SIM100 Inputs, or used as a stand- alone device. The RKF-001 is commonly used to switch both analog circuits for some channels and used to input to a digital Maretron device for other channels.

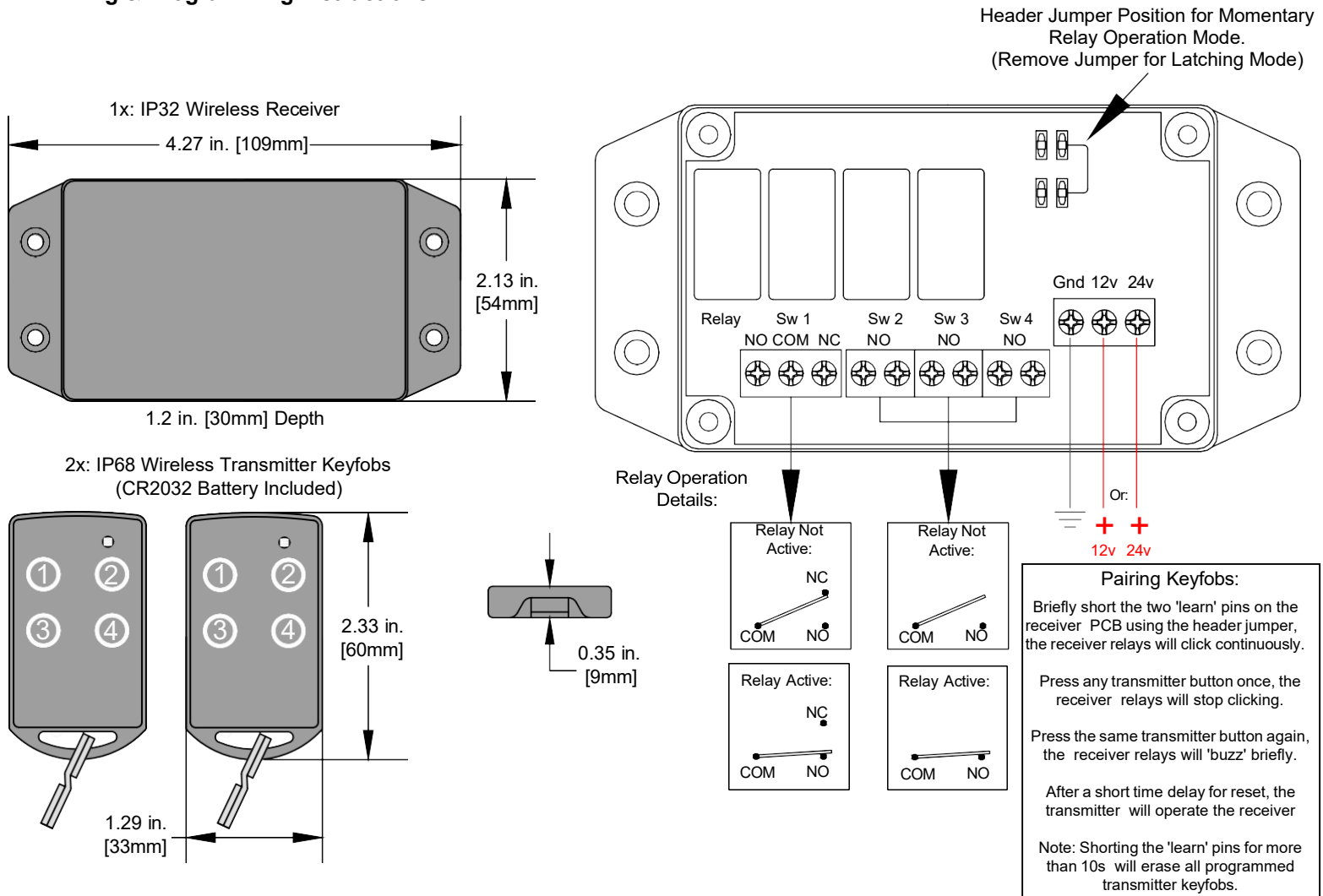
Installation Guidelines

- When using RKF-001 wired to any MPower CLMD(xx), Octoplex SIU or Maretron RIM100 only a single signal wire is needed to wire the two devices together and the input polarity can be chosen. When using RKF-001 wired to a SIM100, a wire pair must be used to wire the two devices together.
- The RKF-001 requires a #1 Philips screwdriver for wiring the device. All wiring to the device is made by set-screw terminal connections accepting up to 14 AWG wire. Four (4) #8 x 5/8" screws are recommended for mounting RKF-001. Mounting hardware is not Included.
- The receiver's (4) relays are rated 5A, 12-24v DC or 5A, 0-230V AC and can be switched by the transmitter keyfob in either 'Momentary' or 'Latching' mode configured by applying or removing an internal jumper.

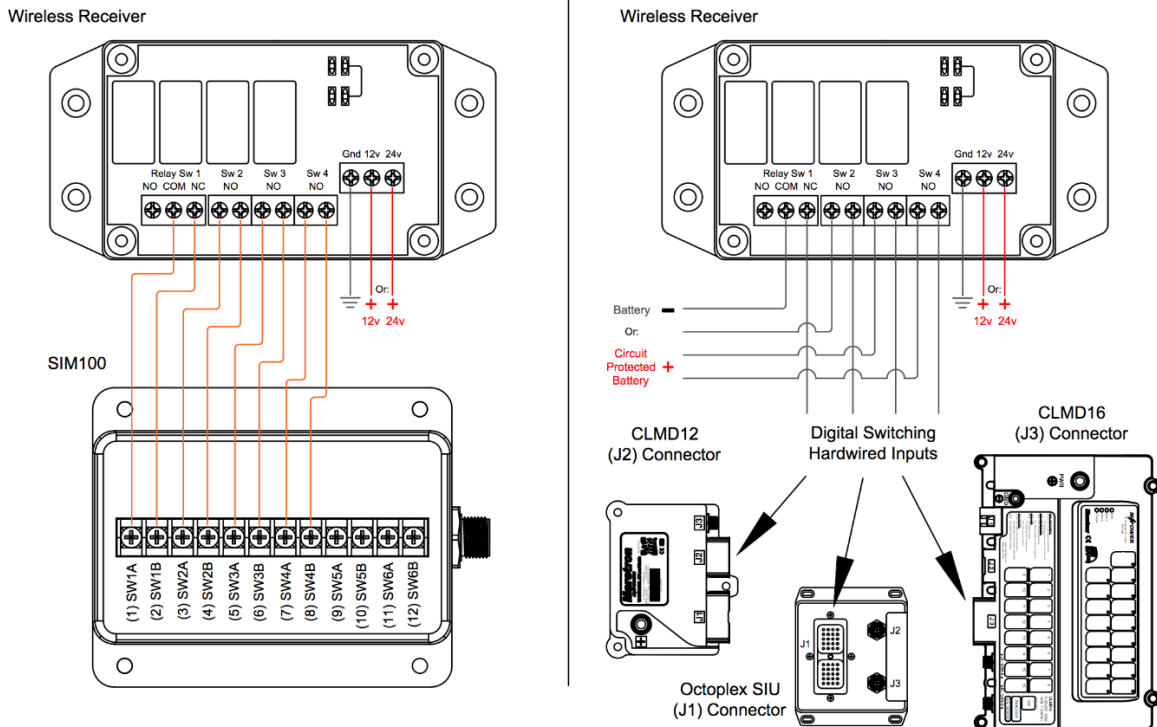
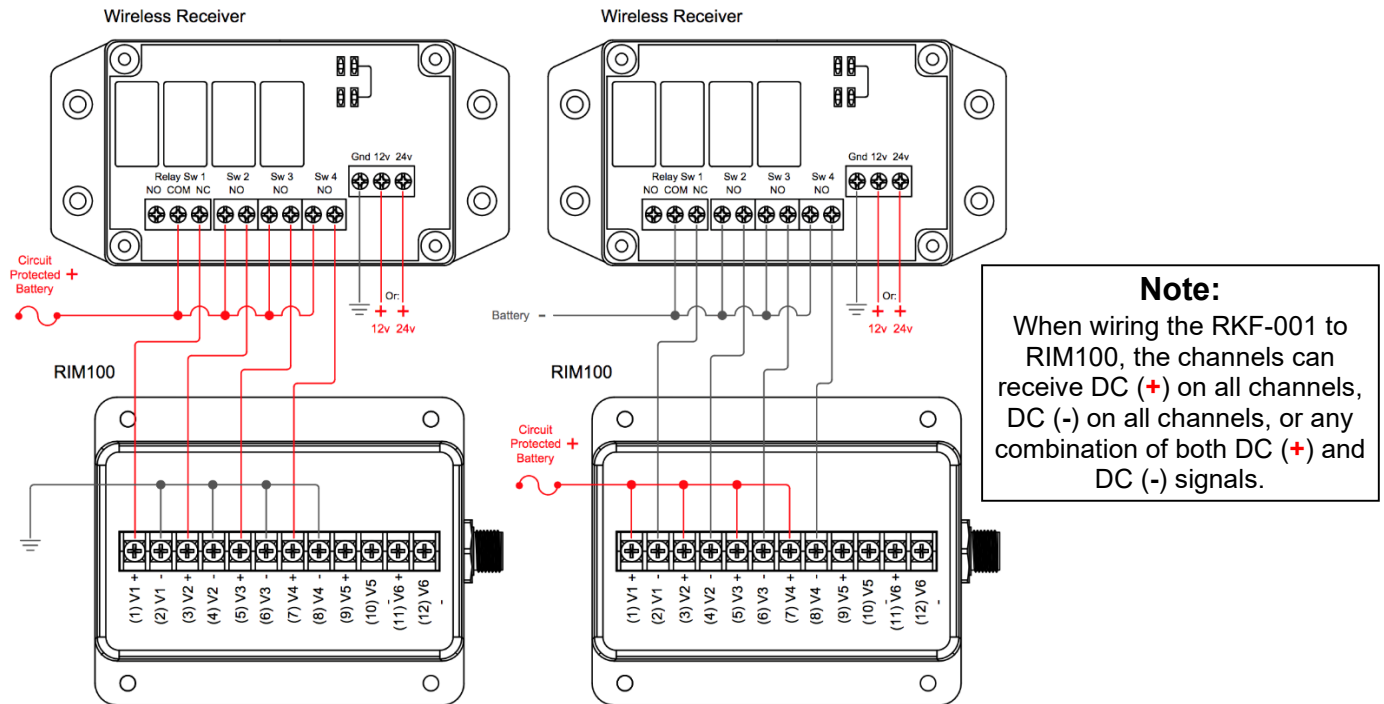


WARNING: Never mix AC and DC switching within the RKF-001 device. The RKF-001 may only switch one power type within the same device. It is the installer's responsibility to ensure proper circuit protection for any load being switched through the RKF-001.

Wiring & Programming Instructions



Application Specific Wiring Suggestions



For installation support, please contact:



Toll Free: 1-866-550-9100
 Phone: 1-603-324-7900
 E-mail: support@maretron.com
 Customer Portal: Customer.Raymarine.com
 World Wide Web: <http://www.maretron.com>
 Mail: Raymarine-Maretron FL Service Center
 120 Intracoastal Pointe Drive
 Jupiter, FL 33477 USA