

Activor® Remote Control RSI02 (S1890A) Manual

June 2018

General

RSI02 remote kit comprises one receiver, two pre-learned remotes, a 4-wire harness and a quick mounting plate. Through Jumper Setting, It can be set to work with NX/Reliance alarm panels or DSC panel such as PC1565(Power632), PC5020(Power864), PC1616/1832/1864 to operate Arm (away/stay), Disarm and Panic via the keypad data bus. The receiver is also equipped with two relays that can be used to operate other devices such as garage door.

Jumper Setting

The 4-pin jumper can be found in the upper middle of the receiver.

- For NX/Reliance panel: ensure the 2-pin jumper cap remains to be placed across pin1 and 2, as



- For DSC panel: ensure the 2-pin jumper cap is removed from the socket.

Quick Start and Play

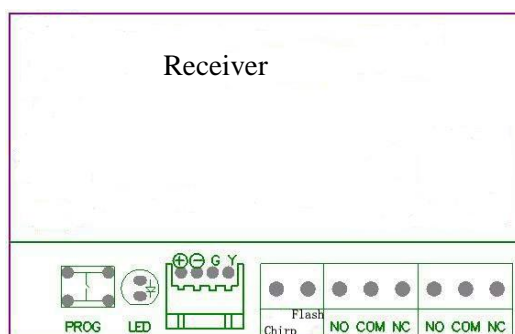
- For NX/Reliance panel:

Connect 4-wire harness directly to the panel or keypad: Pos Red; Com Black and Data Green – Yellow is not used.

- For DSC panel:

Connect 4-wire harness directly to the panel or keypad, follow colour code then PLUG into the receiver and PLAY. The receiver is automatically recognized by the panel – no need to use User Code for enrolment.

Receiver layout



Button Operation – default setting

Button 1: Press and quick release = Away; press and hold for 3 seconds = Stay

Button 2: Disarm from Arm away/stay, or Panic

Button 3: Relay 1 output momentary

Button 4: Relay 2 output momentary

Press button 1&2 simultaneously for 3 seconds = Panic

Different Button Operation – option

- Relay 1 can be programmed to momentary, latching or delay operation. When learning a remote into the receiver, press button 2 to learn for latching or 3 for 10s delay operation.
- Button 4 can be used to Arm in Stay mode. When learning a remote into the receiver, press button 4 to learn for that option.

Learn a Remote

The receiver can enroll up to 25 remotes. Two remotes have been pre-learned into the receiver as part of kit.

1. Press and hold the program button PROG on the receiver for one second; LED on.
2. Press any button on the remote to learn (***You must learn the remote in by pressing button 1 to keep default setting***). LED flashes 3 times and stays on for 10s then off. Done. Note: if the LED only flashes once, it means the remote has already been learned.

Delete all Remotes

Press and hold program button PROG on the receiver for 5 seconds till LED turns off. The LED flashes 10 times. Done.

Delete a single Stolen Remote

1. Find and bring back the remote which had been learned right before the stolen remote.
2. Press and hold program button PROG on the receiver for 1 second; LED on.
3. Press Button 1 and Button 2 simultaneously; LED flashes 5 times then off; successfully deleting the stolen remote.

Arm/Disarm Notification - chirp/flash

The Outputs Chirp and Flash (switch to ground) on the receiver are used for Arm and Disarm notification. Please refer to Reliance or DSC panel manual in relation to how to set up Arm and Disarm notification.

Specifications

Remote

- Operating Range: A minimum of 50m (open air)
- 433.92 MHz Keeloq rolling code: 4.3 billion combination; SAW resonator (filter) locked (+/- 75KHz)
- Transmitting power: <10mW
- Operating Voltage: 6 V powered by 2 x 3 VDC lithium batteries
- Battery Life: 3 years under normal operating conditions
- Current: <1uA standby; 12mA max.
- Low battery indication: LED on the remote flashes when the button is pressed
- Auto shutoff: the remote stops transmitting if a button gets pressed for 25s.

Receiver

- Operating voltage: 9-15VDC; Current: 10mA Standby; 100mA max.
- Outputs:
 - Data – Arm (away/stay), Disarm and Panic. 4-wire harness provided
 - Two programmable relay outputs; SPDT; rating 1A 24VDC/120VAC
 - Chirp & Flash “Switch to Ground” outputs for Arm and Disarm notification
- Standard capacity: 25 remotes
- Mounting plate provided for quick receiver installation