



RVsecure Protector Operating Manual

RVsecure Protector Marine Operating Manual

Key	Press	Description
A	Press 1x	System will arm
B	Press 1x	No Action
C	Press 1x	No Action
D	Press 1x	System will disarm, all strobes / sirens off and reset
D	Press 3x within 10 seconds when alarm off	Programming mode for adding sensors

Sensors included

Marine Kit – 1x PIR, 1x Reed Switch

Arming the system

When key “A” is pressed to turn the alarm on the control system reads the system sensors. If the sensors are OK then the system will arm, there will be a short strobe flash for 1 second and a short audible beep from the control unit to indicate that the system is armed.

If a sensor is not OK then the system will not arm. A long strobe flash and long audible beep from the control unit (2 seconds) will indicate the failure to arm. The user can then rectify the situation and try again.

Arming

Normal Mode

Pressing “A” arms the system in normal mode with the sensors (PIR and or Reed Switches) active. Any activation in this mode will activate the strobe and sound the siren.

Disarming the System

Pressing “D” will disarm the system.

Key features of Operation when in Alarm

Siren

- When alarm activated the siren will sound for 15 seconds then reset. If activated again, siren will sound for another 15 seconds then reset. There is a maximum of 3x siren activation's then the siren will not resound. When the alarm is disarmed and rearmed the number of activation's will reset again.

Strobe

- When alarm activated the strobe will run for 35 seconds, it has a rolling sequence that will change every 5 seconds. After 35 seconds it will go into power save mode, this will mean it is on for 1 second and off for 3 seconds. When the alarm is disarmed the strobe power save will reset.

Adding additional sensors to the system

1. Press “D” 3x to enter programming mode
2. Press “A” to add a sensor
3. Activate the sensor for the control unit to register, it will beep to confirm added. If the sensor is already in the system a long beep will be heard to notify you of this.
4. If another sensor required, repeat step 2/3
5. When finished press “D” to exit
6. If you have forgotten to exit, system will time out and exit programming mode automatically

GPS and 'Drift'

The marine version of the ProtectorX allows 'drift'. This is a feature for wet mooring that allows positional change due to water conditions. When using in conjunction with the optional RVsecure GPS Communications Hub a geofence can be used for alerts outside the mooring.

Wired Sensors (optional)

Wired sensors (PIN switches) can be added to the system. All wired sensors must be N.O type and multiple sensors can be wired in parallel. Connect as per installation instructions. If the sensor is closed (activated) when arming the alarm it will not arm and provides a long beep warning that the system is not ready. Check any wired sensor and rearm.

Sensor Battery Replacement

Each sensor has an expected battery lifetime of between 12 and 24 months. When a low battery condition is reached the sensor will flash every 10 seconds indicating that it is time to replace the battery.

Warranty

The statutory warranty period applies. If the product is defective please contact the retailer that you purchased it from for initial assessment and to process the RMA claim.

For any repair and guarantee processing, the following items are required:

- 1/ Defect component(s) must be returned to the manufacturer via the place of purchase
- 2/ Copy of receipt with purchase date
- 3/ Reason for claim or description of the fault
- 4/ Contact details of claimant

The manufacturer will at its sole discretion repair, replace or refund if it is agreed that the purchased item or sub-component part is faulty. The manufacturer is not liable for any additional costs involved in the return of the product(s) nor is it liable for any damages or compensation.

Liability

- 1/ tech7/RVsecure accepts no liability for damage done either to the unit itself, its sub components or to the vehicle due to owners incorrect wiring. If in doubt please consult a professional.
- 2/ tech7/RVsecure accepts no liability for any theft of any property, vehicle or other.
- 3/ tech7/RVsecure accepts no liability for any damage to any property, vehicle or other due to the operation of the braking circuit (if connected) at any time or under any condition.

Maintenance

Any alarm system requires ongoing testing and maintenance to ensure that it is in top operating condition and to reduce the chances of false alarm. We recommend the following maintenance schedule:

Monthly

Check sensors and control unit physically OK with visual inspection. Check sensors for any flashing indication of low battery. Ensure there is no evidence of cobwebs around the sensors.

Annually

Full alarm test including activation of all zones

PIRs – walk test to ensure correct operation. Remove cover of PIR to ensure no ingress by any insects, fluids etc.

Sensors - Supplemental

RVsecure offer a number of alarm system sensors that either come as standard in our kits or can be added to one of our systems.

PIR Detector

PIR stands for Passive Infra Red and works by sensing a change in the infra red radiation. The safeGuard PIR is a wireless detector and is included in both the Protector and Platinum kits. Additional PIR's can be added to either system (please see manual on how to add).



Suitable for: Platinum, Protector

Battery: 2x AAA

SKU: RVS_PIR



Reed Switch

Reed switches are used on opening doors, hatches etc and consist of two parts, the Reed and the Magnet. When the reed/magnet are moved apart the sensor activates. One Reed switch is included as standard in the Platinum kit.

Suitable for: Platinum, Protector

Battery: 1x CR2032

SKU: RVS_REED

PIN Switch

Our PIN switches are strong and made to last.
PIN switch – 8mm mounting hole, strong plunger that wont bend as some others do.
They come in a pack of 3 and include connectors.



Suitable for: Platinum, Protector, Zero, Defender

SKU: RVS_PINSW



PIN Bracket

Our PIN switch mounting brackets help with mounting PIN Switches in difficult areas.
Brackets – Stainless Steel, powder coated with an 8mm hole for the PIN switch
They come in a packet of three

SKU: RVS_PINBR

Wired Reed Switch

Wired reed switches are used for doors, hatches etc. They activate the alarm when separated.
They come in a packet of two.



Suitable for: Platinum, Protector, Zero, Defender

SKU: RVS_REEDNO