RVsecure PlatinumX MH Operating Manual

Overview of the remote keys

Key	Press	Description
A	Press 1x	System will arm in normal mode
B	Press 1x	System will arm in Silent mode
C	Press 1x	System will arm in Night mode
D	Press 1x	System will disarm, all strobes / sirens off and reset
D	Press 3x within 10 seconds when alarm off	Enter system Programming mode

Arming the system

When key "A", "B" or "C" is pressed to turn the alarm on the control system then reads all of the sensors that are in Active mode. 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 system panel will show the zone that had failed so the user can rectify the situation and try again.

3x Arming Modes

1. Normal Mode

Pressing "A" arms the system in normal mode. Any activation in this mode will activate the strobe and sound the siren.

2. Silent Mode

Pressing "B" arms the system in Silent Mode. Any activation in this mode will not sound the siren but will activate the strobe.

3. Night Mode

Pressing "C" arms the system in Night Mode. When in Night Mode, the PIR is isolated so moving about in your Motor Home at night will not set off the alarm. There is effectively a "perimeter" armed with the other sensors active. If the alarm is activated in this mode the strobe will be activated but the siren will not. Instead there will be a repeated 3x beep sequence that will sound.

Disarming the System

Pressing "D" will disarm the system. If the system has been in alarm then entering programming mode after a disarm will show what sensor caused the alarm.

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 the number of activation's will reset.

Strobe
- When alarm activated the strobe will run for 60 seconds then 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 feature will reset.

Emergency (Panic) Switch

The system is equipped with a Panic switch. The operation of this can be set to respond in three different ways (see programming). This operates independently of the system arm/disarm state ie it will work if the system is either armed

or disarmed. If armed, the emergency system will override the armed mode and respond as per the emergency system programming. For example if the system is armed in Sleep mode but the Emergency system is set to respond with strobe and siren, when Emergency is pressed the strobe will activate and the siren will sound.

Wired Sensors (optional)
Wired sensors (PIN switches) can be added to zone 15. Zone 15 is by default isolated and must be changed to active. All wired sensors must be N.O type and multiple sensors can be wired in parallel. When using wired sensors if the sensor is closed when attempting to arm the system will not arm, and provides a long beep warning as well as a message on the screen. Check sensors and rearm.

Sensor Battery Replacement
Each sensor has an expected battery lifetime of between 12 and 24 months. When a low battery condition if reached the sensor will flash every 10 seconds indicating that it is time to replace the battery. Please note that high use (ie living in van / constant operation) situations will shorten the life of the battery and will require more frequent changes.

Programming the System
Press "D" 3x to enter programming mode. Once in programming mode there are 4 options.
Press "A" - Settings
Press "B" - Add sensors
Press "C" – Reset Sensors
Press "D" - to exit programming mode

A – Settings

Zone
Each zone that is available has four possible settings Active, Isolate, Alert or Test mode.
-**Active** means the system is reading the sensor and will respond to the external conditions for this sensor generating an alarm condition.
-**Isolate** means that the sensor activation will be ignored.
-**Alert** enables the sensor to generate a warning (strobe flash, 2 seconds) without an alarm condition.
-**Test** provided a 'beep' from the panel when disarmed to allow the testing of sensors when setting the system up.
Settings for sensors will remain until they are changed again in programming mode. A power reset will not change these settings. Sensors in the system can be scrolled through and status changed where necessary. Only sensors programmed to a zone will show. After the sensors have been completed there are further settings available.
select Active, Isolate, Alert or Test, then next for next sensor

E-Type selections
The Emergency switch (Panic switch) has three user select-able modes for flexibility of operation and to allow the user to respond to the conditions present.

Strobe Only	When the Emergency switch is pressed the system will respond by activating the strobe only
Strobe ++ Siren	When the Emergency switch is pressed the first time system will respond by activating the strobe only. Pressing the Emergency switch a second time will then activate the siren
Strobe & Siren	When the Emergency switch is pressed the system will respond by activating the strobe and the siren

Strobe
The strobe comes programmed with 17 possible strobe operation sequences. In this screen the strobe is turned on and pressing "B" will change to the next strobe mode.
Press "A" from this screen will exit programming mode and return to the main menu

L-10
This shows the history last ten alarm activation's and is read right to left. It displays in two digits showing the sensor number as programmed into the system.

B – Add Sensors
Additional sensors can be added in this selection. Press A to add, select the sensor type and then activate the sensor, it will automatically add it to the next free sensor number.
The sensor type is critical as it controls the action from the sensor when activated.

C – Reset Sensors
This clears all sensors in the system and requires a confirmation key press.

D – Exit Programming Mode
Pressing D returns the system to ready to arm.
Note: Programming mode also has an automatic time out that will return to the main screen if left in programming mode.

Specifications

Operating Voltage	10-18v DC (minimum 11v recommended)	
Operating Temperature	-20 to 60 DegreesC	
Humidity	Max 85%	
Max system current draw	0.45A @ 13.5v DC	(not including siren/strobe)
Remote battery type	2x CR2016	

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

Emergency 'Panic" Switch

Emergency switches are a press button switch that tells the alarm to show/sound an alert.

Suitable for: Platinum Only

Battery: 1x A23
SKU: RVS_EMERG

Vertical Door Opening Sensor (VDOS)

Caravans have a lot of doors, hatches and toolboxes that work by opening on a vertical plane. The VDOS has the same body as the Reed switch and is attached to the inside of the door. VDOS sensors are exclusive to RVsecure.

Suitable for: Platinum, Protector

Battery: 1x CR2032
SKU: RVS_VDOS

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