

RX8+ COVERT MAGMOUNT **TRACKING UNIT**

USERS GUIDE



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INTRODUCTION

The RX8 mag-mount is the latest in our range of covert vehicle tracking devices, the RX8 is housed inside this weatherproof magnet box which makes it perfect for rapid covert installation to cars, trucks, caravans, motor homes, boats and even plant machinery. The device is fitted with a sensitive motion sensor which will cut the power to the unit 5 minutes after the vehicle has stopped moving and wake the unit up when the next journey starts – giving the unit an average of 2 weeks battery power. Every journey can be viewed live or at a later date via our tracking platform, alerts can be sent to your phone as soon as the target leaves or enters a chosen area, detailed location reports can be ran and live positions can even be viewed on a mobile phone.

GETTING STARTED



The unit has a power switch located at the under side of the device, when the button is pushed in the power is on when raised the power is off. Once switched on you will see an initial blue light flash on the window located next to the power button, after this you should see a green and amber light as in the above image.

- **Amber light** this displays whether or not the contract SIM inside the unit has reception, a flashing amber light means the unit is searching for a signal, a steady amber light means that the unit has gained a mobile signal
- **Green light** this displays whether or not the unit has a GPS lock, a steady green light means the unit is searching for a GPS position lock, a flashing green light means that the unit has gained a GPS lock.

The unit requires both a steady amber light and a flashing green light before it will begin sending location data to our panel.

DEPLOYING THE UNIT



Before deployment we strongly recommend checking that the tracker has gained a GPS lock and it is sending data back to our panel, this can be done by standing outside with the unit until you have both a steady amber light and a flashing green light. Once the unit has gained a lock please login to the panel via a PC at

<http://tracking.redwebsecurity.com>

Or via a WAP enabled phone at

<http://mobile.redwebsecurity.com>

If you are unable to track the unit we would recommend contacting our office before the unit is deployed.

The unit can be quickly deployed to any surface that has a metallic surface using the attached magnets, in the event that a metallic surface is not available – the unit can also be installed with cable ties using the four large holes on the unit.

When fitting to a vehicle, the location of deployment can make a large difference in the performance of the unit. Every vehicle is different so there is no set position that we can suggest that the tracker should be fitted to but there are many things to consider when fitting the unit.

- The device should not be fitted to a part of the vehicle that generates a large amount of heat e.g., the exhaust – this will cause the unit to melt and the magnets to loose their strength.
- GPS signals do not work well through metal
- GPS signals are effected by the human body
- GPS signals are not interfered by plastic
- Ensure that the magnet is firmly stuck to the vehicles surface

We have found in tests that the best place to install the RX8+ is just behind the front or rear bumper of the vehicle (as above), this is due to the fact that the unit can remain hidden behind the plastic bumper without blocking the GPS signal. This position is not always available on all vehicles so an alternative position may be used, anywhere under the vehicle may be used as long as it does not generate to much heat, it is also best to keep the unit as close to the outside of the vehicle as possible so that it may obtain a stronger GPS lock.

The unit can also be installed inside the vehicle where possible – in the glove box or under the dash board would be an ideal place for the unit to gain a strong GPS lock, the unit could be fitted under one of the seats however it should be noted that the unit will work much better if no one is sitting on seat due to

the fact that the human body will block GPS signals, with this in mind it is best to fit the unit to an empty passengers seat.

If the unit is performing badly in one position we strongly recommend moving the unit to increase its performance.

MOTION SENSOR

The tracker is fitted with a sensitive motion sensor which means that the unit will switch on when a vehicle first moves off, the unit will then remain switched on as long as motion is detected, once motion has ceased the tracker will remain on for a further 5 minutes before powering back down again. Please note that the units power switch must be on otherwise the unit will not track at all regardless of motion.

CHARGING THE UNIT

The units battery level can be monitored via the tracking console (a full panel guide can be downloaded from http://www.redwebsecurity.com/pdfs/tracking_user_guide.pdf), we suggest charging the battery when it gets as low as 15%. The unit also has a low battery light which is a steady red light that can be seen though the small window on the unit, if this light is showing then the unit requires an immediate charge.

To charge the unit first ensure that the unit is switched off, then remove the cap from the charge port and insert the connector (please ensure that the white arrow on both female & male connector are aligned with each other)



Once connected – plug the charger into your wall socket, a red light will be displayed on the charging unit during the charging process – this will change to a green light when fully charged. If the unit shows a green light at the start of the charging process then the unit either has a full battery or the charger has not been connected correctly, please repeat the steps until the red light is shown.

TROUBLE SHOOTING

Q. *The green light won't flash on my unit?*

A. **the green light will not flash until the unit has gained a GPS lock, it is unlikely that this will happen inside a building, it would be best to stand outside with the unit until a GPS fix is gained.**

Q. *The amber light continues to flash on my tracker?*

A. **A flashing amber light indicates that the unit can't gain a GSM signal (mobile phone signal), the most likely cause for this is poor coverage in your area, please try moving the unit around to try and gain a better signal. If the problem persists please contact us on the number at the bottom of this document.**

Q. *My tracker has not reported in for several hours, is there a fault?*

A. **in this situation it is most likely that the unit has gone to sleep due to lack of motion, the device will switch back on again and continue tracking once the vehicle moves off again.**

Q. *A red light is showing on my unit and it will not track, why is this?*

A. **A red solid light indicates that the unit has a low battery and requires an instant charge.**

Q. *I have just charged my battery but the panel says it is still 0%, why is this*

A. **The battery level on the panel will only update when the tracker reports in, if you have just charged your battery you will need to switch the device on and wait for the tracker to update it's position on the panel, when the position is displayed the battery level will update.**

FURTHER INFORMATION

If you require any further information or have a technical question about this unit please do not hesitate to contact our office.

Tel – 0871 508 1228

E-mail – info@redwebsecurity.com