

# Cardocket Track & Control

## User Manual Revision 0.2

## Package Contents



The Cardocket package contains the following:

1x Cardocket Track & Control unit

1x Lighter to USB Adapter

1x Micro USB cable

1x Connector cable

## Vehicle tracking

Using the Cardocket tracker as a vehicle tracking unit is extremely simple. All you need to do is add a SIM card and supply power to the unit (USB or battery). Place it in your vehicle and away you go!

The unit also has a rechargeable battery and can be used as a personal tracking device.

## The SIM card

The unit uses a SIM card to connect to the cardocket website for live tracking. You can use any type of SIM card and package for your cardocket tracker. (We have tested Vodacom, MTN, Cell-C, 8-ta and Virgin SIM cards, but other networks should also work)

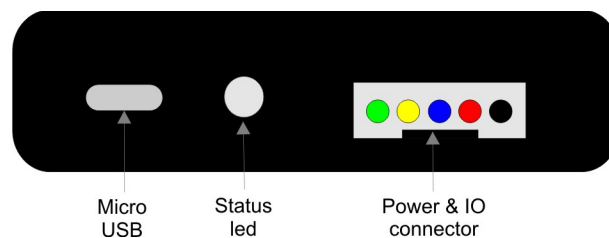
Unless you use it to send a lot of SMS's, it will use a limited amount of airtime per month. We recommend either a prepaid SIM or a small telemetry package.

Before using the SIM card in the tracker, put it in your cell phone and make sure that the SIM card is active and can access the Internet (GPRS enabled).

## Power supply

The tracker can be powered either from the USB port or from the power connector.

For a permanent installation, we recommend connecting the Red (positive) and Black (negative) wire of the Power connector to your vehicle's battery terminals.



## LED status lights

The unit has a red and green LED that shows the current status of the unit. If the green LED is flashing slowly the unit is in normal state (GPS has a lock and GSM is registered)

Red LED	Green LED	Status
flashing fast	flashing fast	GPS no lock, GSM not registered
off	flashing fast	GPS locked, GSM not registered
off	flashing slow	GPS locked, GSM registered
flashing slow	off	GPS no lock, GSM registered
off	off	Unit sleeping or battery flat (shake to wake)

## Installation

**WARNING:** The unit has a rechargeable battery that can explode if it gets too hot! (Temperatures above 60 degrees Celsius) Do not put the unit too close to the engine or other parts that get very hot.

When installing the tracker in your vehicle, take the following into consideration:

- Metal objects obstruct the GPS and GSM signals. Plastics, leather, glass, etc. do not.
- The top of the unit must face towards the sky for better GPS reception
- If mounted too close to your Radio, you might hear interference from the GSM signal.
- Connect to the unit with the USB when looking for a mounting place and verify that you get a good GPS signal. (this works better outside, as the reception in your garage might be bad) Alternatively, look at the status lights.

## Tracking

The unit can be tracked on the Cardocket website: [www.cardocket.com](http://www.cardocket.com)

You first have to register as a user, then you can add the Tracker (find the serial number and key at the bottom of the unit)

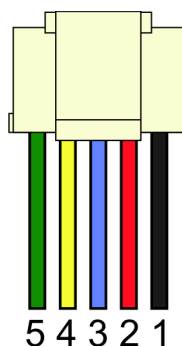
The latest software and USB drivers can be downloaded from the same website.

## Hardware Description

### Power Supply

- 6V ... 32V DC 3Watt
- Internal lithium polymer backup battery
- Can operate & charge internal battery from USB port or external cable

### The Connector Cable



Pin	Colour	Description
1	Black	Ground
2	Red	Power (+6V...+32V)
3	Blue	IO3 (Digital input / output / 1-wire) 0 to 3.3V
4	Yellow	IO2 (Analog input / Open collector output) 0 to 32V
5	Green	IO1 (Analog input / Open collector output) 0 to 32V

## **Disclaimer**

Although every effort has been made to ensure the accuracy of the contents of this manual, Cardocket cannot be held liable for any damages directly or indirectly resulting from errors in this manual.

Cardocket will under no circumstances be held liable for any damages or injuries resulting from the use of this product.

## **Manufacturer details**

The Cardocket tracker is designed and manufactured in South Africa.

Please visit our website: [www.cardocket.com](http://www.cardocket.com) or [www.cardocket.co.za](http://www.cardocket.co.za)