

Device Specification

Network	GSM/GPRS 850/900/1800/1900MHz
GPS	Sensitivity: -159dBm, GPS Accuracy: 5m
Time to 1st Fix	Cold Status: 45 seconds Warm Status: 35 seconds Hot Status: 1 second
Battery	Chargeable 3.7V 1000MAh Li-ion Standby: 80 Hours Active : 36 Hours
Car Charger	Input: 12 - 24 VDC Output: 5VDC
AC Charger	Input: 110 - 220VAC Output: 5VDC
Operating Temperature	-20 °C / +55 °C

JUST TRAC

Your Adventure Tracking Solution

justTRAC Personal Tracker

User Leaflet

Welcome to the justTRAC Adventure Tracking Solution Group. We are pleased to be of service to you, & look forward to be in contact.

Enjoy the Ready-to-Use, Out-of-the-Box device, as it was preconfigured & set-up for your convenience. All you need to do is charge the battery, switch on & GO!

To access the tracking software, you will need a registered email & password, which will be defined as part of your sign-up process. Please contact us on www.justtrac.co.za to register.

justTRAC Personal Tracker Package Includes

- Personal Tracker
- GSM Network SIM with Data Bundle
- 2 x 3.7V 1000mAh Batteries
- 1 x Magnetic Battery Cover
- 1 x USB Charge Cable
- 1 x Desktop Charger
- 1 x Weather Proof Bag

Tracker Description



Subscribe and Register on www.justtrac.co.za to track your Device

Distributed by



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Start-up

Install the battery by unclipping the back cover & insert the battery correctly as shown. Charge the battery for 8 - 12 hours using the battery charger & cable supplied on the desktop charger.

This is a 1000mAh Li-ion battery & can operate in standby mode for up to 80 hours.

To operate, switch on the unit outdoors by pressing the "On / Off" button until the LED indicator is on. In 30 - 40 seconds, the unit will begin to operate and acquire the GSM & GPS signals. Once operational, the LED will flash every 3 seconds.



Tracker Functions

justTRAC Tracker is set-up to provide the following functions & features

LED Indicator	LED is GREEN : Flashes every 3 seconds with normal operation.
Acceleration Sensor	The tracker includes a 3-axis acceleration sensor & can detect movement, tilt or shock.
GPS Drift Suppression	To save battery life the device will stop updating GPS data when the unit is not moving & the GPS data is not changing. Automatic updating will happen when unit is moving again.

User Command & Device Functions

User Set-up	You can change certain tracker parameters by sending the unit SMS commands. When reading this instruction leaflet you will notice we have used "+" & "space" in the text. A "+" between 2 words means they should be written together as 1 word. A "space" between 2 words means you should leave 1 character space between the words.
SIM Number	Your tracker is supplied with a SIM installed & which is activated. Your monthly justTRAC fee includes the SIM data cost. We will ensure your SIM is always active. Your SIM telephone number will be provided to you with registration. Contact us on www.justtrac.co.za .

Sleep Mode	If you didn't activate any alarm & there is no operation in 5 minutes, the tracker will go into sleep mode. The GPS module & LED will shut off.
Authorized Contact Numbers	You can enter up to 5 authorized contact mobile numbers, who will receive alerts from the tracker. See instructions under the "user commands" section.
Low Battery Alert	The tracker will send SMS "low battery+ latitude/longitude" to authorized numbers, in burst of 2 messages per 15 minutes intervals when the battery reach 5% capacity.

Password Change	The default password is "123456". To change the password, send the SMS command "password+old password+space+new password" to the tracker. It will reply with "password OK". For example: SMS "password123456 888888" to change the password to 888888. Make sure the password is 6-digit Arabic numbers.
Location Report	If called from an authorised phone number, the device will receive the call then hang up & send a real-time location message. If no authorized numbers are set, it will reply to all calls with a location report.
Monitor	Switch the tracker to monitor mode & listen in remotely. Send SMS "monitor + password" & it will reply "Monitor OK". Send SMS "tracker + password" & it will reply "Track OK". Switch to track mode.

SOS Alert	Press the SOS button for seconds. It will send the message "Help Me!" & your GPS position to all authorized numbers every 3 minutes. It stops sending this SMS when any authorized reply SMS "help me" to the device.
Remote Check	You can check the key parameters of the device by sending a SMS command to the device. Refer to Operating Commands.
Access Secured	Your tracker is password protected & will only respond to commands when including the correct password. Refer to User Commands.

Tracker Check	Send SMS "check+password" to the tracker. It will respond with the battery level; GPRS ON; GPS ON; GSM Value (32 is maximum); APN & DNS Information & Shock OFF.
Set Authorized Contact Numbers	Call tracker 10 times continuously & get its position. It will save the cell phone number as the primary authorised contact number & reply "add master ok". Send SMS "admin+password+space+cell phone number" to add up to 4 additional authorized numbers. If successfully authorized, the tracker will reply "admin ok". To delete an authorized number: send "noadmin+password+space+ authorized number". Always use the international dialing format for setting numbers, i.e. +27 83 1234556

