

jt300 Personal Tracker User Guide

Your tracker was preconfigured and set-up, it is ready for operation, you only need to charge the battery and can then switch on and go.

Tracker Description



Start-up

- Charge the battery using the battery charger and mini-USB cable supplied. Carefully open the USB rubber weather proofing port cover to access the USB socket.
- During charging the Power LED will flash fast and when the battery is fully charged the PWR LED will be solid ON.
- The unit can also be charged using a standard mini-USB cable and your PC or standard USB power unit.

Note: when using the jt300 for the 1st time, please ensure the battery is fully charged.

Device Tracking Service

To track your device using a PC, mobile or any user device just go to www.justtrac.co.za under registration and sign-up for a monthly, quarterly or annual service bundle. Once we received your registration we will set-up a user account and reply with your login details which will include your email and a default password.

To view your device, go to “map” tab and select your team and select all the devices you wish to monitor. To view your riders on a specific route you need to import the route. To do this go to “zones” tab and then in the right top select the .gpx upload button. Browse to the route you wish to import and complete the process.

Once the route is imported, a small menu will pop-up on the bottom right, before clicking save, choose the advance option, then select the group you wish to save the route in, give the route a name and then click save.

Once your route is imported you can view your devices on the route by selecting the “overlay” button on the map screen and select “routes” on the “overlay” drop down menu.

See www.justtrac.co.za for more information or contact us on service@justtrac.co.za or on Facebook.

USER OPERATION

POWER KEY:	<p>Switch ON: Press at least 3 seconds and release to turn on jt300. The POWER LED will come on. Once the unit is ready the POWER LED will go OFF for battery saving.</p> <p>Switch OFF: Press at least 2 seconds. The POWER LED will flash fast and then turn off. Turning off the jt300 is not possible when being charged.</p>
FUNCTION KEY:	This is set to SOS mode. Long press the key to activate SOS alarm.
MINI USB	Connect a 5VDC adapter to power up the jt300 and charge the internal battery.

LED OPERATION

POWER LED:	OFF	- Jt300 is ready for use if the Power LED is OFF, GSM slow-flash and GPS is on (battery saving mode) - or device is off when no other LED's are on.
	Solid RED	Charger is inserted and charging complete
	Fast flash	- Charger is inserted and charging - or Power key was pressed and unit is shutting down. - or Abnormal state
	Slow flash	Power low alert
GSM LED:	Slow flash	SIM locked and ready
	Fast flash	Searching for GSM signal
GPS LED:	Solid	GPS signal fixed and ready
	Fast flash	Getting GPS is signal fix
	Slow flash	GPS on and GPS data wrong
	Dark	GPS off

Frequently Asked Questions: jt300 Personal Tracker

How should I charge and power-up my device?

Charge the unit for 5 hours using the cable and charger provided. Once fully charged, turn-on the unit outdoor by pressing the “on/off” button until the indicator comes on.

How do I know if my justTRAC Device is charging?

There will be a red LED blinking on the front face of the device.

When is the device ready for use?

When you turn your device on, make sure the device is in open air, so that the device will be able to establish a GPS lock and it must also be in mobile network coverage area. Once powered on, the LED's will flash, once the start-up sequence is complete the RED POWER LED will be OFF; the GREEN GSM network LED will flash slowly and BLUE GPS LED will be solid ON, then the device is ready for use.

What does the different LED's indicate?

POWER LED – red: Indicates the unit ON / OFF operation. When the unit is switched-on the POWER LED will turn ON and a short while later it will turn OFF. This is to save battery power.

GSM Network – GREEN: Indicates the status of the GSM network connection. When the GSM signal is good the GREEN GSM LED will flash slowly.

GPS Signal – BLUE: Indicates the status of the GPS signal lock. When the unit has secured a GPS positional lock the GPS blue LED will be ON.

How do I know the device is working correctly?

The device is ready to be used when the Power Light is OFF, The GSM green LED flash slowly and the GPS blue LED is ON.

Why is the Power LED off when it is working correctly?

Your device is programmed for maximum battery life. The Power LED will be ON immediately after the unit is switched on and then the LED will turn off to save battery energy.

How long does the SOS button needs to be pressed in order to send an SOS alert signal?

The SOS button needs to be pressed and held for 4 seconds to activate an alert. This helps prevent false SOS alerts and the device will vibrate once the message has been sent. Please contact us on service@justtrac.co.za to set-up your SOS emergency contact telephone numbers.

How long does the battery last?

When the unit is on, with GPS fixed and sending location information every 3 minutes then the expected battery life is 20 hours. Please note that many factors can influence battery life and operating time.

How do I know my device battery is low?

The red POWER LED will slowly flash once the battery is low and the device will shortly switch-off. You can also view the device battery level access the online justTRAC application, select the “Asset” tab and view the current battery charge level. The POWER LED will also slow flash to indicate low battery level.

How should I turn off the device?

Hold the power button for an estimate of 3 seconds until the RED LED starts flashing fast, indicating the device is switching off, then release the power button. Give the device 5-10 seconds to completely turn off.

Why is the Power LED off when it is working correctly?

Your device is programmed for maximum battery life. The Power LED will be ON immediately after the unit is switched on and then the LED will turn off to save battery energy.

Does justTRAC work the same in all locations and areas?

justTRAC will work in all areas with good GPS reception to receive the location information and mobile signal coverage to connect with the App.

What is GPS?

Global Positioning System (GPS) serves as a worldwide radio system and was originally developed and implemented by the U.S. Department of Defense. GPS is a satellite-based navigation system comprised of 24 orbiting satellites. GPS works on the principle that if you know an object's distance from several known locations, you can then calculate its location. The “known” locations are the GPS satellites, and the distance to the object is measured using the transit time of an encoded signal. The satellites also broadcast a data stream along with the encoded signal to transmit information about their location.

Frequently Asked Questions: Tracking Software & Mobile App

How do I activate my justTRAC device?

You will need to subscribe to the justTRAC tracking software and access the web based tracking solution.

Step 1: Go to www.justtrac.co.za Products page and select "Registration & payments"

Step 2: Select your subscription option, complete the form and make the payment.

Step 3: Once your payment is registered at justTRAC we will provide you with an email response with your login details. Please allow 48hours to receive your registration information, you can also complete the sign-up and registration at the EMD retail store.

Where can I download the mobile app?

Please visit us on www.justtrac.co.za and download the mobile app for iOS & Android following the buttons on the top of the homepage.

Where can I log-in to the tracking software?

The quickest option is to go to www.justtrac.co.za and select the "Log-in" button on the top of the home page.

How do I import an event GPS route?

In the justTRAC software go to the ZONES tab (At the top in the middle of the screen). Then see the **.gpx button** in the top right corner and click this. Browse your computer for your specific gpx file and click open. The process of opening the gpx file onto the software may take a minute or two. You can also go to the support page where there will be explained with images how to import a route.

Can anyone track my justTRAC device?

No. Only authorised users to whom you have given access to view your position using the justTRAC software and mobile app can track your device.

Why does the software show speed and location information that is not correct?

The data you see is outdated and old. The justTRAC software and mobile app can only display the data values last received from the device, if this information is not correct it means the device battery has run flat and the device is not working at the moment.

What is included in my monthly justTRAC service subscription?

Your justTRAC device already includes a GSM network SIM card and your monthly justTRAC service subscription includes the GSM network service charges. Your standard service subscription includes a data bundle for GPS location tracking and provision for up to 30 SMS's to control your device. Please contact us on support@justtrac.co.za if you require additional services.

Does the justTRAC device work the same in all locations and areas?

Yes. The justTRAC device works the same in all areas. When you are in heavy congested cities with lots of high-rise buildings then the GPS data might be less accurate because of the building obstructions.

What is GPS?

GPS is a satellite-based navigation system comprised of 24 orbiting satellites. GPS works on the principle that if you know an object's distance from several known locations, you can then calculate its location. The "known" locations are the GPS satellites, and the distance to the object is measured using the transit time of an encoded signal. The satellites also broadcast a data stream along with the encoded signal to transmit information about their location.

