

Step 1. Install

If your T22 has been already installed skip to Step 2 – Setup.

1. **Charge your unit for 3 hours** using the wall charger. Make sure the battery is installed and use the USB cable to connect the unit to the charger then press the power button for 2 seconds. When charging the power light will remain on solid until finished. If the unit has been in storage it may take 15 minutes for the power light to turn on.

Tip: The battery cover will not close if the battery clip is not fastened properly.

2. **Power off the unit and insert the SIM card.** After charging the unit you need a SIM card so you can communicate with your T22.

Ensure that the SIM card is not protected by a PIN number – this can be done by inserting the SIM into a suitable mobile telephone and then following your mobile telephone instruction booklet to remove the PIN lock. Your SIM account must be setup to allow SMS (text) messaging. You can test the SIM in a hand phone to make sure it can send a SMS.

Remove the battery cover and remove the SIM holder as shown in the photograph. You can use a pen to push the yellow button then pull out the SIM holder. Place your SIM in the holder and push back into the unit.

After the SIM is installed then make sure the battery is installed and turn on the power to the unit. The Power light should flash every 5 seconds. The GSM light will be red for a minute and will turn off when connected to the GSM network. If the light remains red then check the troubleshooting section.

3. **Select Unit Location**

T22 Cigarette Lighter Adapter and USB cable

Depending on how you plan to use your Tramigo refer to the guidelines below

Portable Use – Battery power

Take the unit outside until the GPS light goes off – now the unit knows its location. For backpacks or bags try to place the unit at the top of the pack facing up. On a belt pack the unit will work on its side, For vehicles the unit can be placed in a tissue box, glove box or in a pillow in the back window. For motorcycles or scooters place in a storage compartment – the unit can also be placed in the rugged case accessory to prevent damage.

The battery should last several days depending on usage, so turn on Power reporting (P,ON) when you set-up the unit to notify you when the battery needs charging. Use the wall charger like you would with a mobile phone.

Vehicle Use – Vehicle Power

Take the unit outside until the GPS light goes off – now the unit knows its location. Plug the power cable into a cigarette lighter plug, preferably one that is also powered when the ignition is turned off.



Removing the SIM holder.



T22 Cigarette Lighter Adapter and USB cable.

Your T22 must be placed with the Tramigo Logo on top facing to the sky. This is to allow your T22 to determine its location from the signal made by GPS satellites orbiting the earth. Materials such as metal, metallic window tinting, and rear window defoggers must be avoided because they can block these signals.

If you are parked inside a building or under any structure you will not get a location until you have a clear view of the sky.

In general, you can expect that placing the unit on or near the dashboard of your vehicle will be satisfactory. You can use Velcro fasteners to secure your T22 to the dashboard. In many vehicles your T22 will work in the glove box, center console or even under the passenger seat.

When you have selected a location leave the T22 there for a minute and check the red GPS light – it will turn off when your T22 knows its location. If the light remains red then check the troubleshooting section.

You can also use the optional external GPS antenna to reach a good location inside your vehicle.

Tip: Several types of tinting are available from companies that allow electronic signals through.

Step 2. Setup

After T22 has been installed into the vehicle you are ready to become the 'Owner' of your T22. Only Owners have full access to all the features of your Tramigo. You communicate with your T22 using normal text messages sent to the phone number of the SIM installed in your T22. Follow these steps:

- 1) Send a SMS with the message OWNER,0000 to your T22. If the T22 does not answer go to the troubleshooting section. Note 0000 is the factory set password that you can change later.
- 2) If the unit responds with a text message: "Tramigo: Owner, please reply "Owner,YES" to register as owner. Please remember to change your password." Reply with a SMS with the message "OWNER,YES" to your T22
- 3) After about 5-10 seconds the T22 unit will respond with a text message: "Tramigo: Owner, +5551234578 registered, 09:25 Jan 14". This means that you are now the registered Owner of your T22 and it will accept any commands that you send to it from your phone. Take the unit outside so it will determine it's location.

Your Tramigo comes with M1 PC and smartphone softwares that make managing your T22 units even easier. Visit www.tramigo.com to download the latest versions and find out more about M1 Fleet PC software and M1 Move Smartphone software.

Step 3. Track

Now your T22 is ready to use. From your mobile phone try sending the FIND command to your unit – just send a SMS with the text F in the message – upper or lower case. Turn on trip and power reporting by sending a SMS with T>P to the unit. Your T22 will respond with a text message confirming the reporting is turned on.

To allow your friends to find you add their phone numbers using the ADDUSER command. Send AU,phoneNumber,friend to add a friend's mobile number.

Try some of the commands in the summary on the next page and connect with your car, bike, boat, or backpack!

T22 Commands

This is a list of the most common commands that you will use. For a full list see the T22 User Manual located on your Tramigo CD.

Send ?, H or Help to see a list of the most common commands. Each user must set their own reporting options so you give them access by using the ADDUSER command listed below.

Upper or lower case can be used in the commands. Most commands also have a short form to save typing. For reports you can just use one letter to turn the report on or off: Example sending a text containing A will turn on alarm reporting if its currently turned off.

SMS Command	Example Command/Report (Short form use if available)
LOCATION REPORTING	
FIND – Shows the location of your car. You can also send a blank SMS message FIND,NEAR shows the 3 nearest locations FIND,time turns on periodic reporting. You will receive a FIND report every x minutes specified between 1 and 1440 minutes or daily or weekly FIND,distance turns on periodic reporting. You will receive a FIND report every x km specified between 0.5 and 1000 FIND,off turns off periodic reporting.	F / F,NEAR / F,DAILY / F,WEEKLY / F,10 / F,50 / F,OFF F,DAILY will send a FIND report once per day Tramigo: parked, 0.58 km E of Makati Sport Club/Salcedo Village, Makati, NCR, RP, old position, 20:38 Nov 5 Unit will show as parked until a trip has started. The text old position means that the unit has not had an updated position in over 3 minutes
WHEREIS,location – Shows the location of your unit from any landmark. User added landmarks also work. You can use partial place names and the system will select the closest one that matches.	W,home Tramigo: parked, 5.18 km N of Home, 20:38 Nov 5
TRIP,ON – Sends a trip report when your car starts a trip and after the car has been stopped for 15 minutes. TRIP,NOW – Will report a trip in progress or the last Trip report if the unit is parked. TRIP,OFF – Turns off trip reporting SET,TRIPSTART,0 – turns off trip start reporting	T,ON T With no parameters the command will toggle the report off or on. T,NOW Will report the trip in progress or the last trip report T,OFF Turns trip reporting off
Tramigo: trip report, start 0.19 km S of Pasong Tamo-Dela Rosa Street, end 0.02 km N of Tramigo Office, trip time 0:27, distance 1.61 km, max speed 33 km/h, avg speed 3.5 km/h, idle time 0:07, 11:44 Nov 6	
ZONE,distance/on/off,placeName – Will send a report when the car entering or leaving an area defined by a circle with a radius defined by the distance from the place name. Distance can be 0.1 km to 999. You can use partial place names and the system will select the closest one that matches ZONE,OFF - Turns off reporting	Z,1 Z,3,Home T22: zone crossing detected, moving 0.17 km NW from Caltex, San Lorenzo, Makati City, PH, E with speed 34 km/h, 19:21 Jan 27
SAFETY AND SECURITY REPORTING	
ALARM,ON – Reports when there is movement of the unit or the vehicle moves 100m. Alarm Reporting is shut off after each report, the user must turn the alarm on again to reactivate. ALARM,AUTO – Automatically re-arms the Alarm at the end of each Trip. ALARM,OFF – Turns off the monitor.	A,ON / A,OFF / A,AUTO Tramigo: motion alarm detected, parked at Glorietta Mall, Makati City, PH, 17:07 Sep 15
POWER,ON – Will tell you when your T22 battery is below 20%. POWER,OFF – Turns off the monitor.	P,ON Tramigo: low power, parked, 0.34 km S of Harrison Plaza, Manila, NCR, RP 13:13 Oct 17