T23 MAGNUM CONFIGURATION

HQ TLD TRAMIGO LANDMARK DIRECTORY DATA

TIP:
Over 300,000 intersections, parks, public buildings and other landmarks in your region are preloaded into your T23 Magnum device. Use the "ADDPLACE" command to add HQ, office, destination pier or other important locations.

General Settings

Most common use is Internet data (GPRS) communication enabling reporting to server side, like Tramigo M1 Fleet Enterprise. Following commands are needed:

1) Register as Owner Owner	4) Set the correct Mobile Operator Access Point Name APN, the default is INTERNET GPRS,APN,‹APN›,‹username-optional›,‹password-optional›
2) Name the T23 Magnum Name,‹name›	
3) Optional: Add additional SMS user(s) and grant the access level AddUser,‹phone number›, ‹Owner/Friend/Guest›	5) Set the IP address and Port name GPRS,Connect,‹ip address›,‹port›,TCP
	6) Boot the T23 Magnum after all commands given Boot,Hard

Mandatory: *Enable power saving with command "SET,SLEEP,1" after you have completed all planned configuration changes.*
Note: *If command ResetSettings is given to T23 Magnum, all preloaded settings are lost. Configuration files and support is available at support@tramigo.com*

Beacon Mode, Default

T23 Magnum has preloaded Beacon mode configuration. In this mode T23 Magnum is sending Location and Status report every 3 hours. It does not wake on movement and responds received SMS and GPRS commands only during that reporting time. Note: With command "LISTUSER" check the user number. For GPRS data it is always #10. For SMS users it is #2 - #9.

You can change the 3 hours reporting interval, use following commands.

Changing the Location and Status reporting interval between 1-1440 minutes
Report,10,Find,‹interval in minutes›
Report,10,Status, ‹interval in minutes›

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Active Mode

T23 Magnum wakes on scheduled reports and motion. This mode is used if desired to have trip reports and motion alarms. Between scheduled reports and trips the T23 Magnum goes to battery saving mode and as in a Beacon mode it responds to received SMS and GPRS messages only when it is awake.

Enable motion wakeup
Set,WakeOnShock,1
Set,IgnitionInputShock,1

Location and Status reporting every 5 minutes, 2 kilometers or if heading change more than 30 degrees, and every 720 minutes when parked.
Report,10,Find,5,2,720,30
Report,10,Status,5,2,720,30

Battery Life Estimates

Configuration and Usage	Battery Life
Beacon mode. Waking to report every 3 hours, no motion and trip reports.	40 days
Beacon mode. Waking to report every 12 hours, no motion and trip reports.	›40 days
Active mode. Waking on movement, reporting every 6 hours and generates trip reports. Traveling an average of 1-2 hours per day.	20 days
Active mode. Waking on movement, reporting every 12 hours and generates trip reports. Traveling an average of 1-2 hours per day.	Up to 30 days

TRAMIGO

T23 Magnum

tracking.

Getting started with your T23 Magnum

Thank you for choosing Tramigo. This guide will help you get started with your T23 Magnum.

Questions? Find us on Skype: Tramigosupport or email us at support@tramigo.com 5

Visit www.tramigo.com to check out the free software for your T23 Magnum 6

STEP 1: SET UP

Your T23 Magnum requires a SIM card to communicate location messages using the GSM network. This guide walks you through on how to setup and configure your T23 Magnum.

If using a data-only SIM not able to send SMS messages, please refer to the GPRS GUIDE.

1) Open the cover
Open 6 screws to remove the cover and take the battery aside.

Check that your SIM is not protected by a PIN code - Insert the SIM into a mobile phone. Follow your phone instruction manual to remove the PIN lock.

2) Insert SIM card
Slide the SIM card into place with the contact surface facing down.

3) Connect wires
Check that battery and charging wires are connected. Insert the battery and close the cover.

4) Charge battery
Use 4.2V Li-Po charger and charge battery overnight.

STEP 2: CONNECT

1) Register as the owner of your unit
Use your mobile phone to send the text message "OWNER" to the mobile # of your T23 Magnum. Your Tramigo will shortly reply to confirm you as the owner of the unit. This also verifies that GSM is working.

2) Acquire satellite lock
Take T23 Magnum outdoors to a location with a clear view of the sky and place it so that the Tramigo logo is up. Wait 5 minutes and send SMS message "STATUS". GPS signal strength should be over 50%. At the same time you can check GSM signal strength and battery status.

3) Change your password (optional)
"0000" (four zeros) is the default password of your Tramigo. To prevent other people from accessing your device, change the password into something only you know. To change the password, send the following SMS to your unit:

"PASSWORD,0000,XXXX"

your old password

new password, up to 20 characters long, do not use spaces or special symbols

TROUBLESHOOTING:
Not able to get SMS message response from the T23 Magnum.

1) Open T23 Magnum

Open 6 screws to remove the cover and then open 4 screws holding the PCB and PCB cover. Be careful not damaging the SIM card. Note: Be sure that no static electricity present. It can damage the PCB board. Use Antistatic Wrist Strap.

2) Check indicator lights
Power light should blink green, no GSM red light and no GPS blue light.

Correct LED Status

STEP 3: INSTALL

T23 Magnum is simple to install. It does not require any wiring.

Note: For best possible GPS lock always place T23 Magnum so that the Tramigo Logo has clear view of the sky.

Container Lock:
T23 Magnum can be used with container lock. Designed for container tracking and security. Further inquiries, please contact to sales@tramigo.com

Velcro tape:
Automotive standard hi-quality Velcro can be used in certain cases, for example when Magnum placed inside the vehicle's cockpit or covert installation is not required.

Experience M1 Move

M1 Move makes tracking easy with Tramigo Landmarks and visual maps. Download for free by visiting m.tramigo.net on your mobile and following the installation instructions.

TIP:
If there has been a need to supply RESETSETTINGS command or is required to set T23 Magnum back to default settings contact to support@tramigo.com and ask the configuration files.
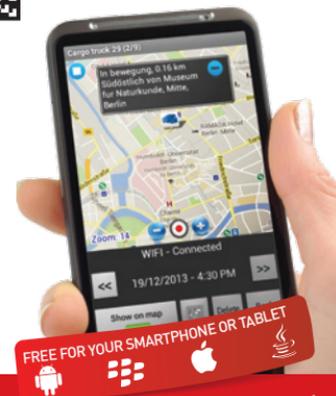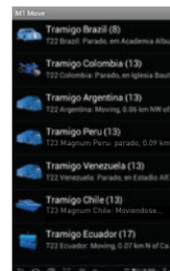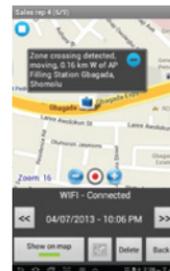
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