

StarLine

**M13
Universal
Tracker**



STARLINE M13 Universal Tracker User Manual

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StarLine

STARLINE M13 Universal Tracker



Specifications

- **Features:** GSM cellular bands, SIM card, GPS+GLONASS receiver, Input power, Rated standby current, Water resistance, Operating temperature
- **Values:** 850/900/1800/1900 MHz, 1 micro-SIM embedded, embedded antenna, 9-90 V input power, 5 mA rated standby current, IP65 water resistance, -40 to +85°C operating temperature
- **Dimensions:** 72 x 30.213 mm
- **Weight:** 37 g

Product Usage Instructions

Installation Recommendations

Please seek assistance from a qualified specialist for the installation of the device. Ensure that the device is installed facing up towards the sky to optimize signal reception. Avoid mounting the device near metal thermal barriers or heating layers on windshields.

Connection Diagram

- **SIM card installation:** Open the tracker housing, insert the SIM card into the slot on the circuit board, and then replace the plastic cover.
- **Sample NC engine cut connection diagram:** This wiring should be carried out by a qualified technician.

Configuration

- Prior to configuration, connect the wiring and provide a power supply. Save an owner phone number (SOS1) in the device memory to control the tracker and receive notifications.
- All commands from the SOS number are sent without a GSM password. Commands from other phones must include the GSM password between command text with a comma and # symbol.

- For example, to request the current position, send the following text: POSITION,1234# where 1234 is the GSM password.

FAQ

How do I register the device?

To register the device, install the StarLine 2 app or visit starline.online web service. Register a new StarLine account and then select the “Add device” menu and follow the provided guide.

What is the recommended operating temperature for the device?

The device is designed to operate within a temperature range of -40 to +85°C.

GENERAL DESCRIPTION

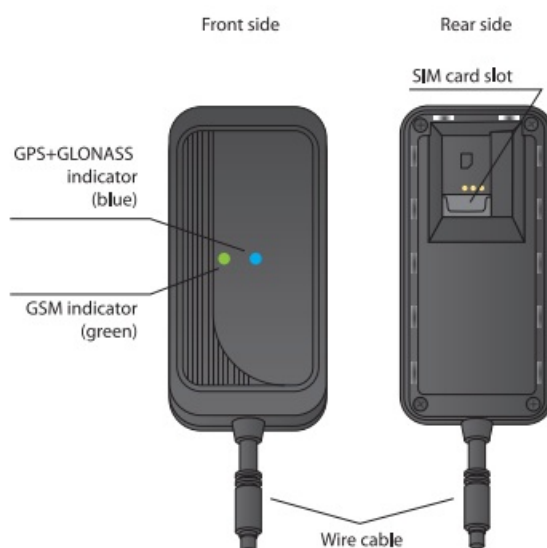
- StarLine M13 universal tracker offers easy and economical vehicle positioning, live tracking, and basic anti-theft security features.
- The device can send text messages with exact positions and links to online maps.
- It can be quickly mounted in any road vehicle, motorcycle, quad bike, boat, and electric scooter.
- The controlled objects can be real-time monitored on a desktop at subscription-free starline.online web service and StarLine 2 free mobile app.

Major benefits

- Universal input power for various means of transport
- Quick installation
- Rugged waterproof housing
- Lifetime free subscription tracking
- Geofence In / Out alert
- Tamper alert (shock sensor)
- The black box coordinates the memory
- Remote engine cut

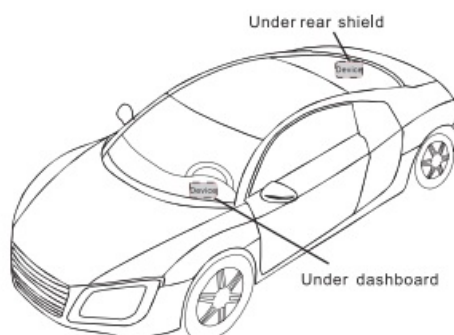
TECHNICAL SPECIFICATION

Features	Values
GSM cellular bands	850/900/1800/1900 MHz
SIM card	1 micro-SIM
GSM antenna	embedded
GPS+GLONASS receiver	embedded
Input power	9-90 V
Rated standby current	5 mA
Water resistance	IP65
Operating temperature	-40 ... +85 oC
Dimensions	72x30.2x13 mm
Weight	37 g

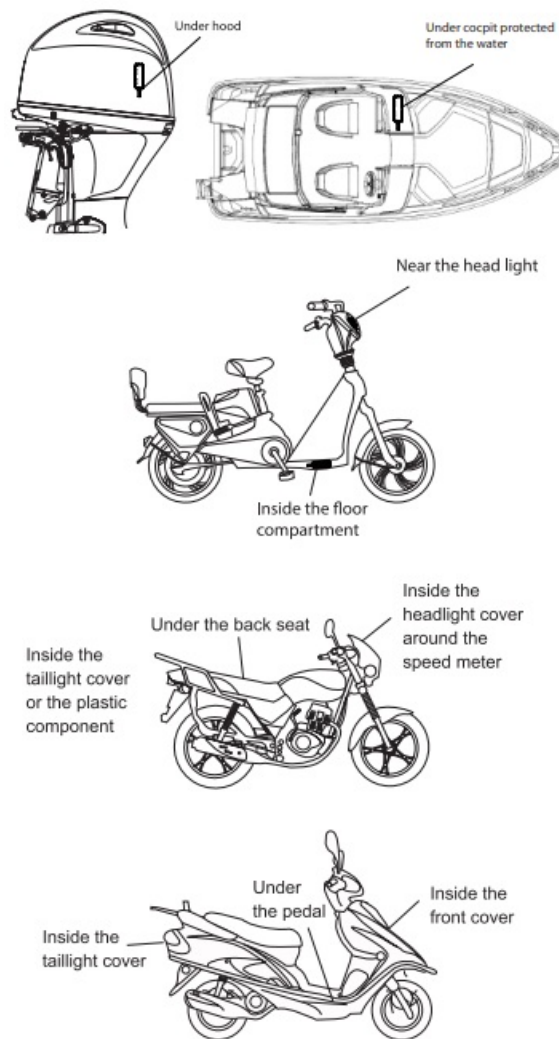


INSTALLATION RECOMMENDATIONS

Please install the device with a qualified specialist's assistance.



Note: The device should be installed facing up towards the sky. The metal thermal barrier or heating layer on the windshield may affect a signal. Change the mounting location to improve signal strength.



CONNECTION DIAGRAM

SIM card installation

- Open tracker housing up with flat item and insert SIM card in the slot on the circuit board. Put the plastic cover back.

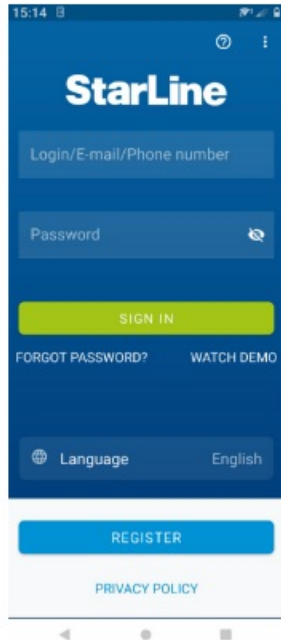
Sample NC engine cut connection diagram

- Universal output (yellow wire) can be used for remote engine blocking as in the example below. Max load for universal output – 200 mA (–).


SMS commands	Description
POSITION#	Request current location
SOS,XXXX,A,+XXXXXXXXXX#	Set the owner's phone number, where XXXX – GSM password (default 1234), +XXXXXXXXXX – owner's phone number
SOS,XXXX,D,+XXXXXXXXXX#	Delete the owner's phone number
SOS#	Request owner phone numbers
IMEI#	Request device IMEI to register on Starline. online/mobile app
APN, NAME, LOG, PSW#	Set network access point, where: NAME – apn name, LOG – user login, PSW – password
GPRSSET#	Request network status
STATUS#	Request device status
PASSWORD, OLD, NEW#	Change GSM password, where OLD – old (default) password, NEW – new password
PWDSW, OFF#	Switch the GSM password Off (from the SOS1 owner number)
PWDSW, ON#	Switch the GSM password On (from SOS1 owner number)
PRELAY,1#	Activate universal output (from SOS1 number only)
PRELAY,0#	Deactivate universal output (from SOS1 number only)
PARAM#	Request configuration parameters
RESET#	Reboot device
FACTORY#	Reset the device to factory settings

REGISTRATION

1. Install the StarLine 2 app or browse starline.online web service
2. Register a new StarLine account
3. Select the Add Device menu and follow the guide



Documents / Resources

	STARLINE M13 Universal Tracker [pdf] User Manual M13, M13 Universal Tracker, Universal Tracker, Tracker
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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