

Version 1.0
INSTALLATION GUIDE
ZONE-TRACKER™



ZONE-TRACKER™ GNSS System with USB Connection

WARNING

Before proceeding with the installation of the system,
make sure you read and understand the instructions included in this guide.

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WARNING

This document provides all the necessary informations for the proper and safe installation of your system ZONE-TRACKER™.

Before proceeding with the installation or configuration of your ZONE-TRACKER™, system, the technician must first have read and understood the instruction in this.

This document contains important information to prevent the risk of serious injury to users and installation technicians.

The ZONE-TRACKER™ system from Zone Technology Electronics Inc. is fully programmable (all parameters are flexible).

GENERAL DESCRIPTION OF THE MODULE

The Zone-Tracker™ module is a GNSS module allowing the transmission per second of standard GNSS information (Position, speed, etc.) via its USB port. The Zone-Tracker™ being a multi-constellation module (GLONASS, GPS, BEIDOU & GALILEO), which allows the use of an active antenna. It should be noted that the module is powered by the USB port, no other wire or connection are necessary.

TECHNICAL SPECIFICATIONS

Operation voltage :	4.7V to 5.1V (Port USB Port Standard)
Operation temperature:	-30°C to 75°C (-22°F to 167°F)
Electric consumption:	max. = 500mA
Cold start delay:	30 to 120 secondes
Active Antenna Current :	max = 100mA
Recommended Antenna :	TW3712 (Tallysman)

CONNECTION DIAGRAM



PROGRAMMING

- This module configuration must be programmed by the software connected to the Zone-Tracker™ module if the default configurations are insufficient. **Contact** Zone Technology for the details of the programming procedure.
- Default configuration: **Contact** Zone Technologie for more information.

Reaching Technical Support :

Telephone: 450-572-1476 or Toll-Free: 1 (866) 362-9663
 Email: info@zonetechnologie.com

TROUBLESHOOTING

Problem	Solution
<p>I am not receiving any data from the module.</p>	<ol style="list-style-type: none"> 1) Check the <i>USB cable</i>. Make sure it is functional and connected to the <i>computer</i> and the <i>GNSS module</i>. 2) Make sure that the <i>green LED</i> flashes every second on the <i>Zone-Tracker module</i> when software is launched. Otherwise, change the module.
<p>The location positioning on the screen lacks precision.</p>	<ol style="list-style-type: none"> 1) Check that the module's <i>red LED</i> flashes ONLY when your software starts up (configuration loads from the PC to the module). Otherwise, make sure you have the latest version of your software. 2) Make sure the <i>antenna</i> has a clear view. 3) Are you in a well-cleared area (building, tunnel, etc.)? It is possible that, under certain extreme conditions, the module may lose precision due to a lack of connection to the satellites.
<p>My positioning is immobilized and/or my location is completely wrong.</p>	<ol style="list-style-type: none"> 1) Make sure that the <i>green LED</i> flashes every second on the <i>Zone-Tracker module</i> when software is launched. Otherwise, change the module. 2) Replace the <i>antenna</i>. - <i>It would be best to run a quick test before making the complete change to the vehicle. Do not do the test inside a garage or interior parking.</i>



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Contact Us

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