

Time/date, latitude and longitude are set automatically by GPS

Temperature alarm setting. Only used with thermal installations

Tracker rotates this many degrees each step

Tracker pauses this many minutes if it is unable to rotate

Tracker pauses after trying to move unsuccessfully clockwise this many times. Reset every morning and after 5 successful moves.

Heliocom USB v0.94

Tracker settings

Solar Time/Date: Set Position Noon: Edit

Latitude: Edit Position Morning: Edit

Longitude: Edit Position Evening: Edit

Temp Alarm: Edit Motor Power: Edit

Moving Interval: Edit Motor Speed: Edit

Service Timeout: Edit Gear Ratio: Edit

Service Count: Edit Sensor Margin: Edit

Sensor Gap: Edit

Mode: GPS: Temp: |

Control commands

Stop Restart Sync Boot Test < > Goto

Motor: Position: Sensor: Azimuth:

Events

Heliocom is used to diagnose, configure and update Heliomotion solar trackers. To establish a connection attach a USB cable (Type-A Male to Type-A Male) between your laptop and the USB terminal located inside the connection box of your Heliomotion tracker.

USB detached | Local time: 08:28:57 | Solar time: 06:47:04 | Azi: -83,32

Specifies expected sensor value when reaching noon, morning (-90°) and evening (+90°) position when moving clockwise

Motor torque setting. Higher=stronger (non-linear)

Rotational speed. Higher=faster (linear)

Gear ratio. Number of motor turns to rotate tracker a single turn

If tracker's calculated position deviates more than this number of degrees from measured sensor position the service counter is increased by 1.

Number of degrees subtracted from measured sensor value when moving counterclockwise (due to sensor lag)