

GCX2 - Tech Notes (TNC#044)

Below is a listing of technical information related to Topcon / Sokkia hardware and software systems. The information offered is intended to aid distributors and end users with in depth explanations and improved workflows.

For follow up information, please contact the Topcon Technical Support Teams at: support@topcon.com

Power Percentage:

Topcon Receiver Utility (TRU) will display a higher Power Percentage if the GCX2 is plugged into a power supply. This includes when it is USB connected to another device.

Workflow Resolution:

To get the accurate Power Percentage, unplug the USB and Bluetooth connect to the receiver.

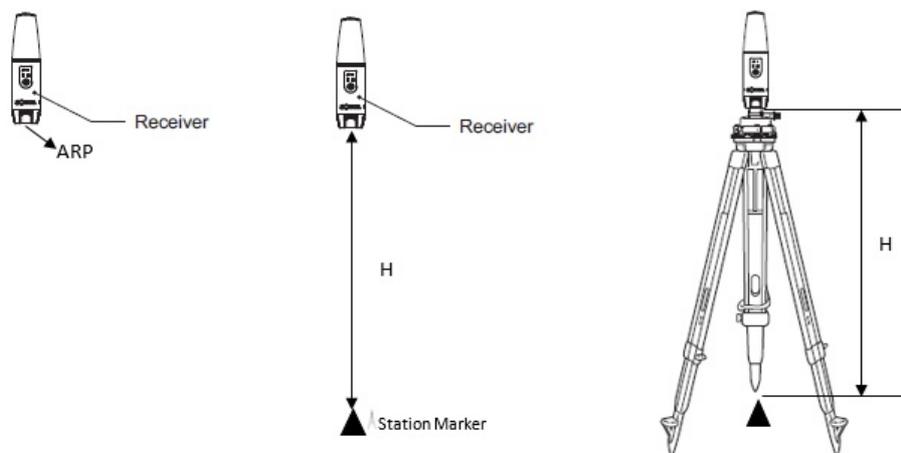
Recording Data:

Regardless of what interval you have the minter option set to, the SD Card LED will flash as if it were set to 1 second. This does not affect the file which will record at the interval you have chosen.

Antenna Height:

Measure the height of the bottom of the receiver or Antenna Reference Point (ARP) above the control point or marker.

NOTE: Topcon software only requires input of measured height (H) to compute coordinates of Antenna phase center of the receiver. For precise antenna height, it is recommended to use vertical measurement method.



Battery LED:

When the GCX2 is plugged into external power but not in use the Battery LED will be Red regardless of charging level. Flashing red indicates charging and solid red indicates fully charged. Once the unit is turned on the Battery LED will display the correct charging level.

Power Button Function

When using the power button to cycle through the Minter functions, if your GCX2 fails to disregard the button push after 20 seconds please contact Topcon Technical Support.

Requiring Configurations:

Software:

[TRU v3.0](#) and above

[MAGNET Field v3.0](#) and above

Created April 24, 2015

