











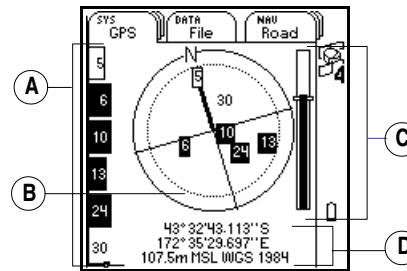


Status bar icons

-  Number of satellites in use.
If number flashes—too few satellites.
If satellite flashes—poor geometry.
-  GPS positions are real-time corrected.
Flashes if RTCM signal is lost.
-  External antenna is connected and in use.
-  Some configuration settings are password locked.
-  Memory is low.
-  The backlight is on.
-  The bright backlight is on.
-  Internal power level indicator. "Fills up" when charging. Flashes when power level is low.
-  Code precision data logging—the number shows how many positions have been logged. Flashes when GPS unavailable.
-  Carrier precision data logging.
-  Logging is paused. Press  to resume.

GPS tab












NOTE – When the skyplot is fixed to North up, calibrate the digital compass.

Satellite legend

- Black boxes: Satellite used to compute GPS positions.
- Clear boxes: Satellite tracked but not used.
- No boxes: Satellite available but not tracked.

- A Signal strength:** Satellites with signal strengths below the configured SNR mask are not used.
- B Skyplot:** Outer circle shows the horizon. Inner circle shows the configured elevation mask. Satellites below the elevation mask are not used.
- C Satellite geometry:** GPS quality depends on the geometry (PDOP) of the satellites. If the quality falls below the cutoff level then GPS positions will not be computed.
- D Current position:** Displays the current GPS position.

Function keys

-  Cancel—close screen and abandon changes
-  Menu—display the Main menu
-  Lighten screen display
-  Backlight mode (On/Bright/Off)
-  Darken screen display
-  Page up / Pan up
-  Page down / Pan down
-  Home / Pan left
-  End / Pan right


Troubleshooting

If GPS positions are not being logged, move away from obstructions, wait until more satellites are in view, or change the GPS settings to include more satellites.



Rebooting

WARNING – A cold boot will erase all data and reset all configurations to factory defaults!

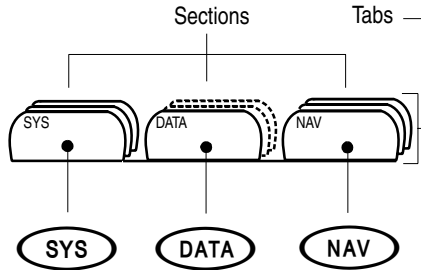
Warm boot

If the GeoExplorer 3 will not respond: Hold down  to turn GeoExplorer 3 off. Turn GeoExplorer 3 on again.

Cold boot

If still no response repeat warm boot. At the start-up screen, hold down  and  until **Formatting Flash Sys** appears.

Moving around the system



Press these keys to move between **sections**. Multiple presses move to the next **tab** in that section.

Accessing options



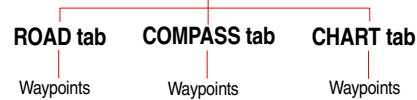
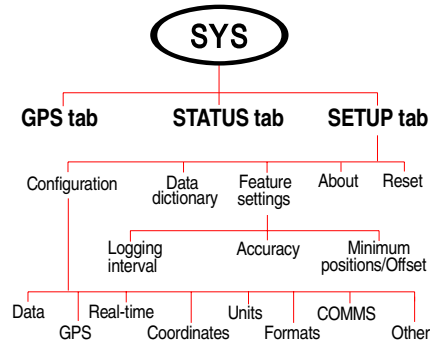
Press this key to access all **functions** for the current screen.

Main menu



Press this key combination to display the **Main menu**, an overview of all sections and tabs.

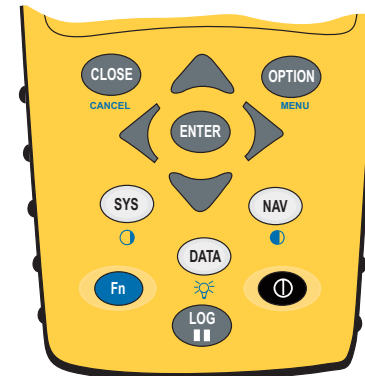
Section / Tab layout



GeoExplorer 3 QuickStart

Part Number 38598-00-ENG, Rev B

Keys



- CLOSE** Close the current screen (and save changes)
- ENTER** Select highlighted item
- OPTION** Display more functions
- SYS** Go to / cycle SYS tabs
- DATA** Go to / cycle DATA tabs
- NAV** Go to / cycle NAV tabs
- Fn** Use second key function (blue) (see Function keys)
- LOG** Pause/Resume logging
- ⏻** Power On/Off