











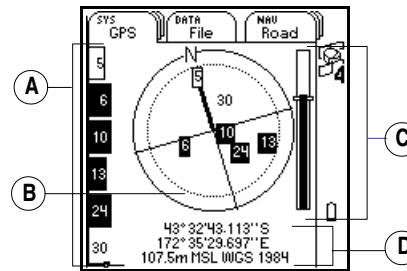


### Status bar icons

-  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!

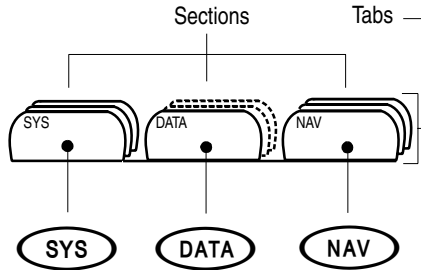
#### Warm boot

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



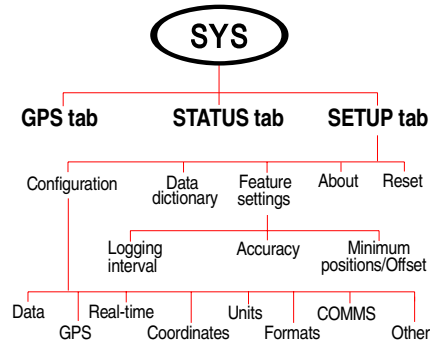
Press this key to access all **functions** for the current screen.

### Main menu



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

### Section / Tab layout



### DATA



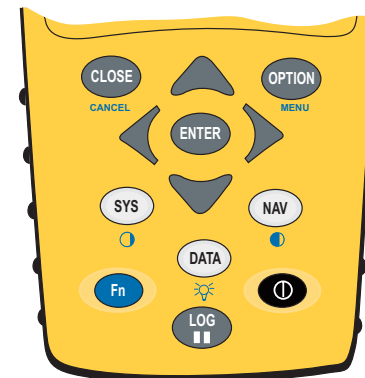
### NAV



## 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