

Geoexplorer 2008 series Quick start Guide

This guide provides an overview of the features and functions of the Trimble® GeoExplorer® 2008 series handheld.

For more information, refer to the *GeoExplorer 2008 Series User Guide*, provided on the *GeoExplorer 2008 Series Getting Started Disc*.

For the latest information, including release notes, go to www.trimble.com/support.shtml. Click the link for your model of handheld (*GeoXH*, *GeoXM*, or *GeoXT*) and then click *GeoExplorer 2008 series*.



Provided by Xpert Survey Equipment
Click Trimble Geo XH 2008 for Product Info and Updated Pricing

What's in the box?



Getting to know your handheld



Charge the battery first

Warning – For safety information, refer to the “Safety” section of the *GeoExplorer 2008 Series User Guide*.

Place the handheld in the support module as shown:



Connect the support module to an AC power outlet and leave to charge. This may take up to eight hours. When charging, the Power LED on the handheld is solid orange. When fully charged, the Power LED is green.

Remove the handheld from the support module as shown:



TIP – To improve battery performance, turn off the integrated Bluetooth and wireless LAN radios and disconnect from the integrated GPS receiver when not in use.

Turn on the handheld

Press and release the **Power** key to turn on or to turn off the handheld.

The first time you turn on your handheld, you must select the language used by the Windows Mobile® operating system.

Caution – You can only select the language once. To change the language used on the handheld, you must return the device to your Trimble service provider.

To select the language used on the handheld:

1. Press the **Up** or **Down Navigation** key to select the language you want to use and then press the **Enter** key.
2. In the confirmation screen that appears:
 - To select a different language, press the **Enter** key to return to the previous screen.
 - To use the selected language on the handheld:
 - a. Use the **Up Navigation** key and the **Enter** key to check the box and confirm your selection.
 - b. Use the **Down** and **Right Navigation** keys to select the Next button.
 - c. Press the **Enter** key to install the selected language onto the handheld.

Once the selected language is installed, the handheld restarts.

Follow the on-screen instructions to align the touch screen, using the stylus to tap on the screen.



Interacting with the handheld

Trimble recommends that you use only the stylus provided to tap on the touch screen.

To remove the stylus from its holder on the front of the handheld, press the spring on the stylus downwards and then lift the stylus forward, as shown.

Use the stylus to:

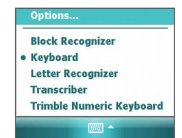
- Tap the screen once to open items and select options.
- Tap and hold the stylus on an item to see a pop-up menu of available actions. Then tap the action you want to perform.

To enter text, use one of the input panels.

To display the current input panel, tap a text box.

To select an input panel, tap the arrow next to the Input Panel button and then tap the input panel you want to use.

The Keyboard input panel is shown to the right. To enter characters, tap on the keyboard.



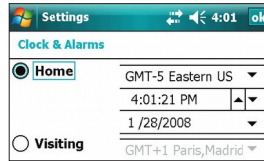
TIPS –

To enter special characters, tap to display keypads containing numbers and symbols. To switch back to the main keyboard, tap again.

To make the keys larger, tap the Input Selector arrow and then tap **Options**. In the *Input method* list, select **Keyboard** and then select **Large Keys**.

Set the date and time zone

In the *Today* screen, tap the clock icon . The *Clock Settings* screen appears. Tap the *Time* tab, select the *Home* option and then select the correct time zone for your location.



Inserting a memory card

To use an SD or SDHC memory card:

1. Use the thumb screws on the base of the handheld to remove the memory card slot door.
2. Insert the memory card into the memory card slot with the swipes facing down. Gently press the card until you hear a click, and the card is locked into place.
3. Reattach the memory card slot door and use the thumb screws to tighten.
4. When you select the *Save As* option in an application, the memory card appears in the list of available storage locations.



Note – Do not store required data or applications to a memory card if the card will be removed. Data saved to a memory card is available only when the card is inserted in the handheld.

To remove the memory card, gently press the card in. The card pops out.

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Connecting to a computer

To transfer files to the handheld, or to install software onto the handheld, you must connect the handheld to a computer. If the computer is running the:

- Windows Vista® operating system, use the Windows Mobile Device Center (WMDC) to manage the connection.
- Windows® XP or 2000 operating system, use MicrosoftActiveSyn® technology to manage the connection

Note – You must install the *Windows Mobile Device Center* or *ActiveSync* technology onto the computer **before** you connect the handheld.

To download the Windows Mobile Device Center or ActiveSync technology from the Microsoft website, go to www.microsoft.com/windowsmobile.



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Status indicators

Status indicators are displayed in the title bar at the top of the screen.

Icon	Description	Tap icon to...
	Battery level	check battery level
	Low battery (20% or less remaining)	
	Battery charging/using external power	change volume
	Speaker is on	
	Speaker is off	configure the connection or access the Wireless Manager
	Connected to ActiveSync or the Windows Mobile Device Center (WMDC) on a computer	
	Connected to a Bluetooth-enabled phone	
	Disconnected from ActiveSync or WMDC	
	Disconnected from a Bluetooth-enabled phone	
	Wireless LAN radio is on	
	A wireless LAN is detected	
	Sending or receiving wireless signals	

The Wi-Fi and Bluetooth icons on the *Today* screen show the status of each radio. Tap the icon to access the Wireless Manager and turn on or turn off the radio.

The Power LED on the handheld flashes when the battery is low (less than 15%).

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Connecting to GPS

To collect GPS data, install GPS field software onto the handheld and, if required, configure the software to connect to the integrated GPS receiver.

Icon	Description
	TerraSyn® software
	No configuration required. The software automatically activates the GPS receiver on COM3.
	During installation, the Trimble GPScorrect extension automatically configures the ArcPad software to use the GPS receiver on COM3. To connect to GPS, tap the GPS button and then tap Yes .
	In ArcPad, tap the GPS button drop-down menu and select GPS Preferences. Then tap the GPS tab. In the Protocol field, select NMEA 0183 and then select COM2 from the Port field. Tap OK . To connect to GPS, tap the GPS button and then tap Yes .
	Configure the software to connect to GPS on COM2 and then use the Connect or Activate GPS command.

TIP – To configure GPS receiver or real-time correction settings when using NMEA applications, use the GPS Controller software provided on the handheld.

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Troubleshooting

If the screen on the handheld is blank, do one of the following:

- Tap the screen with the stylus or press one of the **Navigation** keys to turn on the backlight.
- Press the **Power** button to turn on the handheld.

If the handheld stops responding to the stylus, or if it does not respond when you press any keypad button, you may need to reset it. First, try a soft reset. If the handheld does not respond, perform a hard reset.

Performing a soft reset

A soft reset retains all data and settings.

To perform a soft reset, use the tip of the stylus to lightly press the **Reset** button on the keypad.



Performing a hard reset

Note – Any unsaved data may be lost after a hard reset.

Perform a hard reset only if performing a soft reset does not resolve the issue.

To perform a hard reset, press and hold the **Power** button as you use the tip of the stylus to lightly press the **Reset** button on the keypad.



Fitting the handstrap

1. Align the straight bracket with the slots below the Microsoft Windows Mobile logo. Insert the bracket by pressing down and into the slots.
2. Insert the first screw and then use a coin or screwdriver to tighten the screw.
3. Align the curved bracket with the slots above the communication swipes at the base of the handheld.
4. Insert the second screw and then use a coin or screwdriver to tighten the screw.



Applying the screen protector

To protect the screen from pressure and abrasive objects, Trimble recommends that you apply one of the screen protectors provided with your GeoExplorer 2008 series handheld to the touch screen.

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