

### Step One: Install the Battery Pack

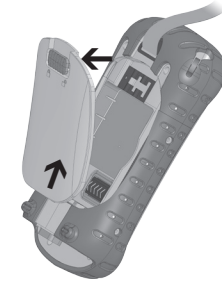
**1a** Slowly unhook and lift up the bottom latch of the hand strap. CAUTION: Do not let the hand strap hook hit the display.



**1b** Press on the battery door about 1/4" below the door latch and slide the latch to the right.



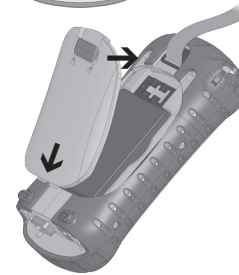
**1c** Remove the battery door.



**1d** Insert the battery pack so that the battery contacts mate with the RuggedReader contacts.



**1e** Insert the tabs on the battery door into the slots. Make sure the door latch is all the way to the right and properly aligned. Then close the battery door.



**1f** Press very firmly on the battery door and slide the latch to the left to lock it. Reattach the hand strap.



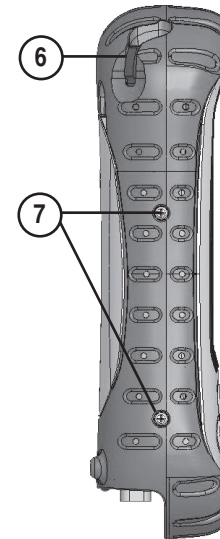
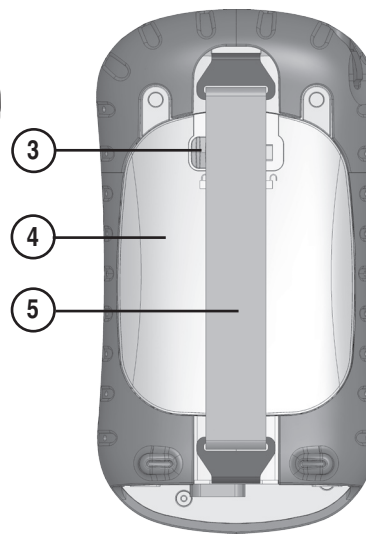
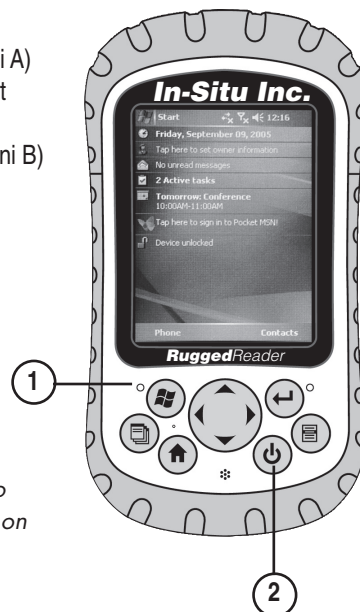
(turn over for next steps)

### Anatomy of the RuggedReader

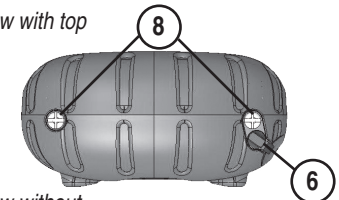
- |                                      |                        |
|--------------------------------------|------------------------|
| 1 Charge LED (red)                   | 12 USB Host (mini A)   |
| 2 Power button                       | 13 9-pin serial port   |
| 3 Battery door latch                 | 14 12V DC jack         |
| 4 Battery door                       | 15 USB Client (mini B) |
| 5 Hand strap                         |                        |
| 6 Stylus                             |                        |
| 7 Main screws (DO NOT REMOVE)        |                        |
| 8 Top cap screws (captive)           |                        |
| 9 Slot for future accessory          |                        |
| 10 Compact Flash (CF) card slot      |                        |
| 11 Secure Digital (SD) I/O card slot |                        |



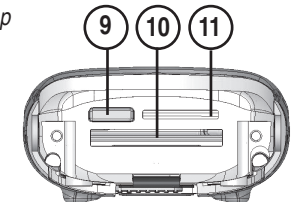
**TIP:** For a complete description of the device and its functions, please refer to the RuggedReader operator's manual on the In-Situ software/resource CD.



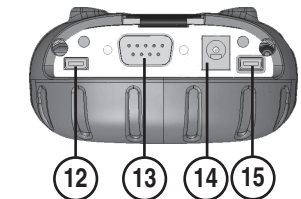
Top view with top cap



Top view without top cap



Communications module



## Step Two: Charge the Battery Pack

**2a** Mount the plug to the wall charger\* (if not already assembled) and plug the wall charger into an outlet.



\*Use only the charger shipped with your RuggedReader. Damage caused by other devices is not covered by warranty.

**2b** Plug the other end of the wall charger into the DC jack on the RuggedReader. The device turns on after a few seconds.



**2c** A red light begins flashing to signal the device is charging. Let it charge 4-6 hours. After a few minutes the RuggedReader suspends and the flashing light disappears, but the device keeps charging.



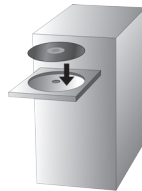
## Step Three: Calibrate the Touchscreen

**3a** Apply a screen protector.  
**3b** Using the stylus, follow the instructions on the display.



## Step Four: Create an ActiveSync® Connection

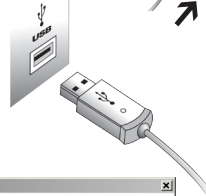
**4a** Insert the Microsoft® Getting Started CD into the desktop computer and follow the screen directions for installing ActiveSync. Be sure to install Active Sync **before** attaching the USB cable to the desktop PC or RuggedReader (next steps).



**4b** When the ActiveSync instructions direct you to, plug the USB Client (mini B) end of the USB communications cable into your RuggedReader.



**4c** Plug the USB host (full size A) end of the USB cable into your desktop computer.



**4d** The Pocket PC Sync Setup Wizard starts. We recommend you establish a Guest connection by clicking **Cancel** at the first screen.



## Step Five: Connect an In-Situ Instrument to the Serial Port

Refer to the diagrams for cable connections:


Level TROLL®, Aqua TROLL®, or TROLL® 9500



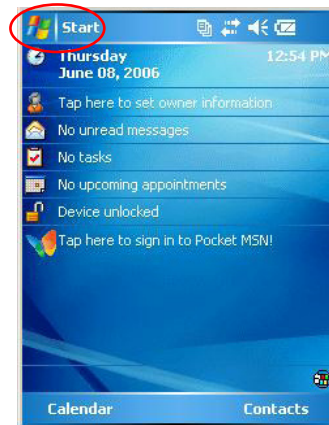
miniTROLL® or TROLL® 9000





## Step Six: Launch the In-Situ Software

Power on the RuggedReader by pressing the power button . Tap Start to display the Start menu. Tap Programs in the Start menu. Select the program for your In-Situ device:

- Level TROLL or Aqua TROLL – Win-Situ® Mobile
- TROLL 9500, miniTROLL, TROLL 9000 – Pocket-Situ 4



 **TIP:** The default timeout in the Microsoft operating system is 3 minutes. This may be inconvenient when calibrating, profiling, or downloading data. To change this, tap Start > Settings > System tab > Power > Advanced.

 **TIP:** After direct exposure to salt water, mud, or debris, rinse the RuggedReader in clean running water, shake or wipe to remove moisture, especially from the connectors. Note that the battery door may trap water or dirt. Complete care recommendations are in Section 7 of the RuggedReader operator's manual on the In-Situ CD.

**1 800 446 7488**

(toll-free, US and Canada) or 970 498 1500

[www.in-situ.com](http://www.in-situ.com)