



Crescent XF100 Series User Guide

Part Number 875-0199-000 Rev. A1



Add a new GPS receiver to a Windows Mobile PC with Hemisphere GPS' Crescent XF100 Series receivers.

Factory Settings:

Note: The XF100 series is configurable. The table below is the suggested configuration and reflects the initial configuration from the factory.

Port to access GPS	COM2
Default baud rate	57600
Messages	GPGGA (1 Hz) GPGSA (1 Hz) GPVTG (1 Hz) GPGSV (5 sec.)

Indicator:

The LED on the top left corner glows red when the GPS has power.

Contact Information:

www.hemispheregps.com

Technical Details:

This information is provided for users familiar with Hemisphere GPS commands. For further information, consult Hemisphere GPS' Technical Reference under the Precision Products Downloads page at www.hemispheregps.com

The following configuration commands are sent at the factory:

- \$JOFF
- \$JWAASUDRE,13,13
- \$JMODE,SBASR,YES
- \$JMASK,3
- \$JALTSATS,4
- \$JASC,GPGGA,1,PORTA
- \$JASC,GPGSA,1,PORTA
- \$JASC,GPGSV,2,PORTA
- \$JASC,GPVTG,1,PORTA
- \$JBAUD,57600,PORTA,SAVE

Installation



1. Power off the handheld PDA. The handheld PDA should always be powered off before attaching or removing the GPS receiver.
2. Remove the two screws on the top cover of the handheld PDA.



3. Align the compact flash card with slot.
4. Insert the interface module carefully. There should be **NO** resistance when sliding the parts together. If there is resistance, slide the pieces apart and try again.



5. Tighten the screws. This connection keeps water out of the handheld PDA.



6. Align GPS module with the interface module.



7. Connect the GPS module and the interface module.
8. Fold in the screw tabs.



9. Tighten the screws.