

Acutime Gold Starter Kit Quick Start Guide



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1. Confirm that you have the following:
 - Desktop or laptop computer with Windows Vista, Windows XP, Service Pack 2, or Windows 2000, Service Pack 4 installed with a free USB port.
 - Internet access to complete the following installation (Note: If CD included, internet access not needed.)
2. Download the software for your Trimble product as follows:
 - Go to the Trimble Support web site:
<http://www.trimble.com/support.shtml> and select the relevant product link and then “Software Tools”.
3. Select and Save all files to a directory on the hard drive.
4. Install the FTDI driver on your PC. The starter kit uses a USB 2.0 dual serial port emulator interface chip from Future Technology Devices International Ltd. (FTDI). In order to use the Monitor software tool to communicate with the GPS receiver, you must first install the FTDI driver on your PC.*
 - Use MS Explorer to locate the file called “CDM_Setup.exe” you just saved, and double click it. If properly installed you should see a FTDI CDM Driver Installation popup window with a message that says “FTDI CDM Drivers have been successfully installed”. Click the OK button.
5. Connect the GPS antenna to the interface unit. Antenna types are product dependent. (See Figure #1)



Figure# 1



Figure# 2



Figure# 3

6. Connect the AC power unit to the Starter Kit box. Plug in the power unit to the mains supply using the correct power pin adapter from the selection supplied. Turn on the interface unit, the power LED should light up green. (See Figure #2)
7. Connect the supplied USB cable to the USB connector on the interface unit. Connect the USB to your PC. (See Figure #3)
8. The FTDI driver automatically assigns two (2) virtual COM ports to the USB port. During assignment the virtual COM ports will be displayed on your monitor screen. You can look under System Properties and open Device Manager to view Ports (LPT & COM) assignments.
9. Place the antenna on the window sill or put the antenna outside.
10. Execute the Monitor Program.
11. Select one of the USB virtual COM ports. Either the TSIP or NMEA data stream is visible on your monitor (features including serial port baud rate are product dependent).

**Note: you may check for the latest FTDI USB drivers at:
<http://www.ftdichip.com/Drivers/VCP.htm>.*

Download the appropriate VCP (Virtual COM Port) driver for your operating system (Windows 2000, XP or Vista). Select the “Installation Executable” link in the comments column for the driver self install package.

Specifications subject to change.

*Updates can be found on <http://www.trimble.com/support.shtml>
Select the relevant product link then “Software Tools”*