

GPS - Global Positioning Systems

This special version (11.14R9) of the VSI+ works with any GPS unit which conforms to the NMEA0183 standard and has the necessary port to output this data. In the GPS Setup menu there are two choices: NMEA0183 or AIR.

Choosing the **NMEA0183** format displays the following:

TIME	DATE
LATITUDE	SPEED
LONGITUDE	DIRECTION

The TIME, DATE, SPEED and DIRECTION can be turned on or off individually and the SPEED can be displayed in KNOT or Kilometers Per Hour.

Choosing the **AIR** format displays the following:

LATITUDE	SPEED
LONGITUDE	DIRECTION

The SPEED and DIRECTION can be turned off individually. In the AIR format the SPEED is only displayed in KNOTS.

Connecting Your GPS

To connect your GPS unit to the VSI+GPS you will need to know the pin out of the connector on your unit and have the appropriate cable or connector.

TXD from the GPS connects to PIN 2 of the VSI+GPS DB-9M. Signal Ground connects to PIN 5 of the VSI+GPS DB-9M.

After making the proper connections, power up your GPS unit and the VSI+GPS (with a monitor and camera connected also). There will be a delay while the GPS unit acquires signals from at least 3 satellites. When this occurs the VSI+GPS will start displaying the data on screen. The TIME can start displaying after only one satellite is acquired.