

SeedSense®

EZ Guide-250 & 500

Summary: In order for 20/20 SeedSense Monitor to receive NMEA strings from a third party GPS receiver, there are a few simple steps that must be completed before signal will be transferred. Below are step by step instructions detailing configurations and requirements for communicating with our 20/20 SeedSense Monitor. Here are a few basic requirements for the 20/20 SeedSense Monitor.

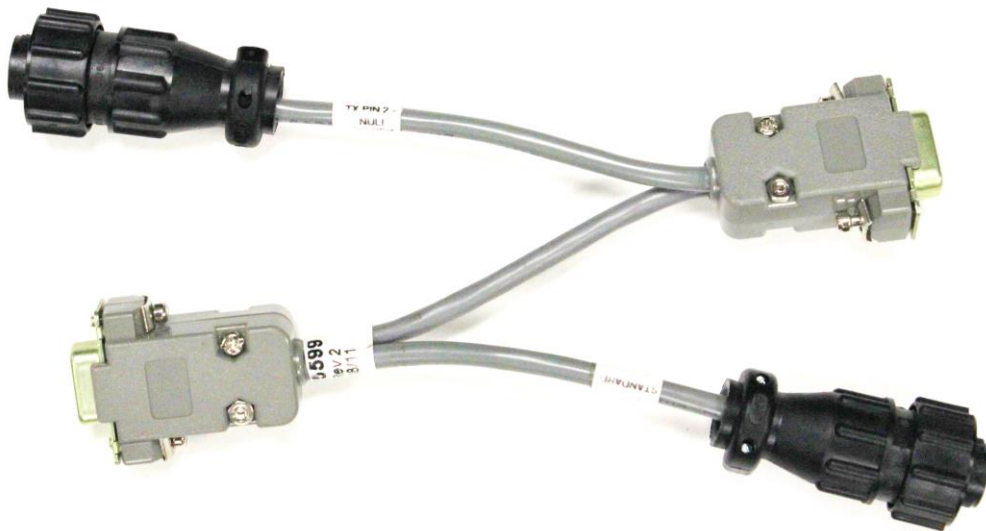
NMEA Strings: Set at **5 HTZ**

- GGA
- RMC
- VTG

Baud Rate: 19200 or 38400

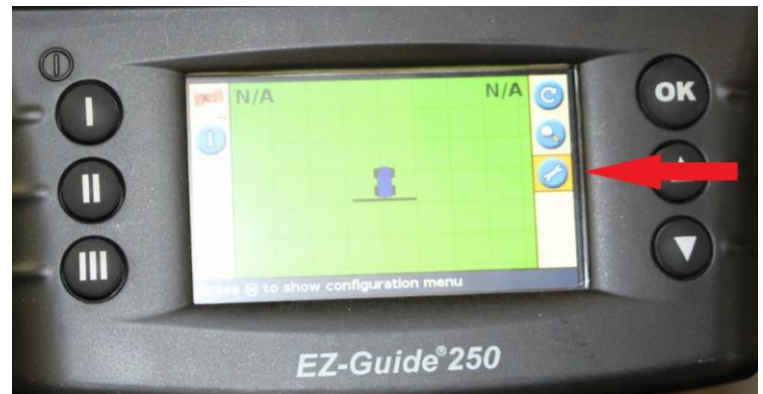
725599 Precision Planting Harness is available for communication from EZ Guide 250/500 to 20/20 SeedSense Monitor. If connecting to the EZ Guide 250, harness 64045 from Trimble is needed.

Precision Planting Harness: 725599

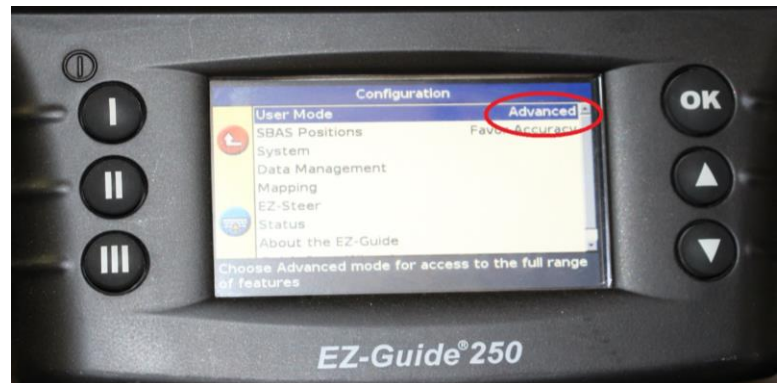


Next we will look at visual images giving instructions to output NMEA messages:

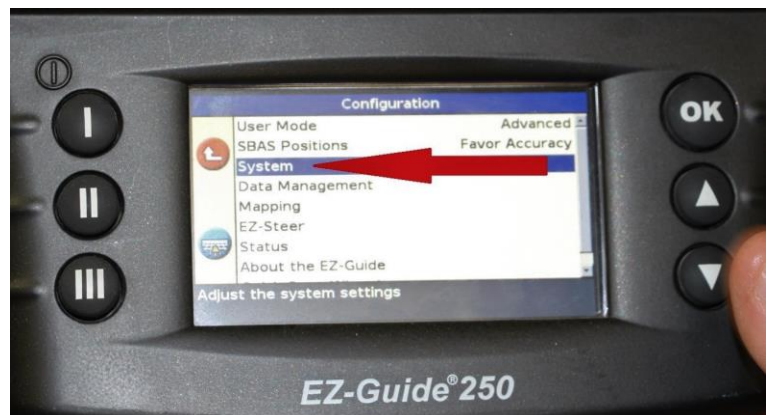
Step 1: Select the Wrench button located on the home screen. This will take you to the Configuration page.



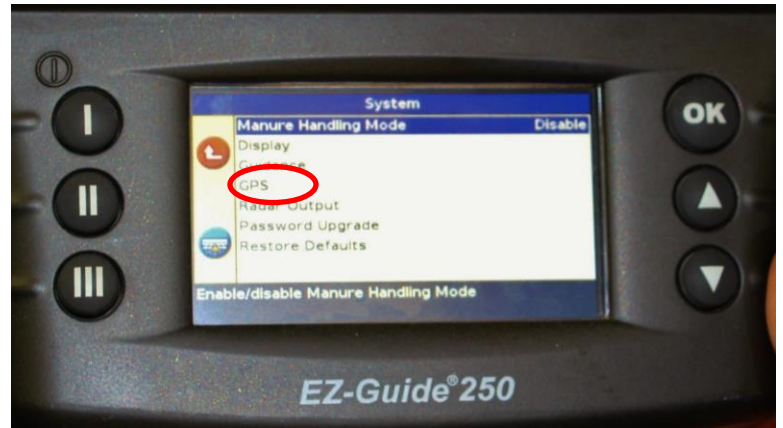
Step 2: Select user mode and change it to Advanced. Being in Easy will not allow you to configure NMEA output.



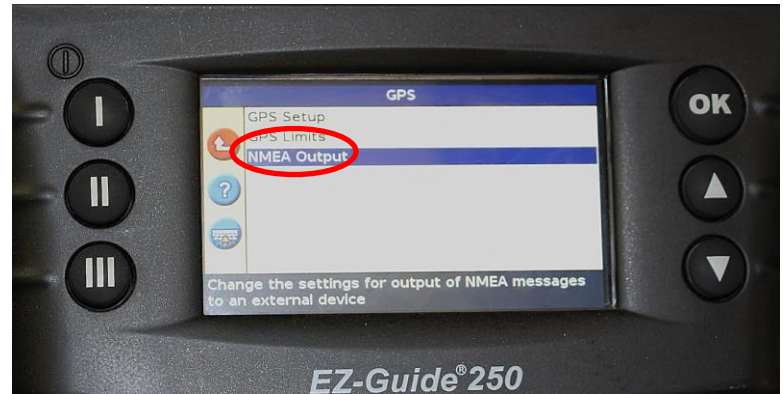
Step 3: Now you will select the System button.



Step 4: Select GPS



Step 5: NMEA Output

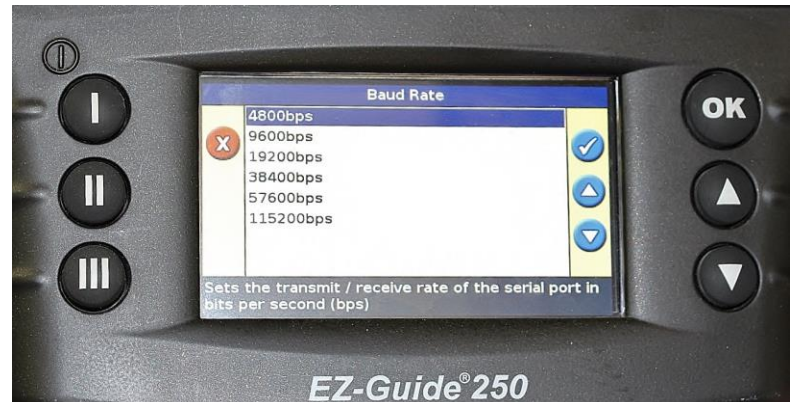
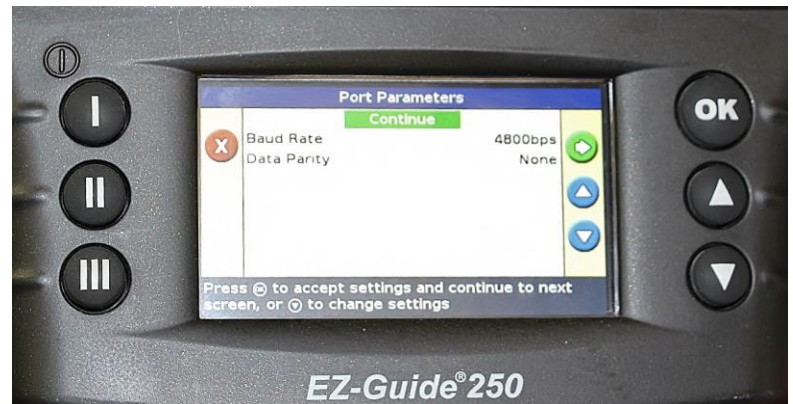


Step 6: Select the following,

Baud Rate - 38400

Data Parity - None

press Continue



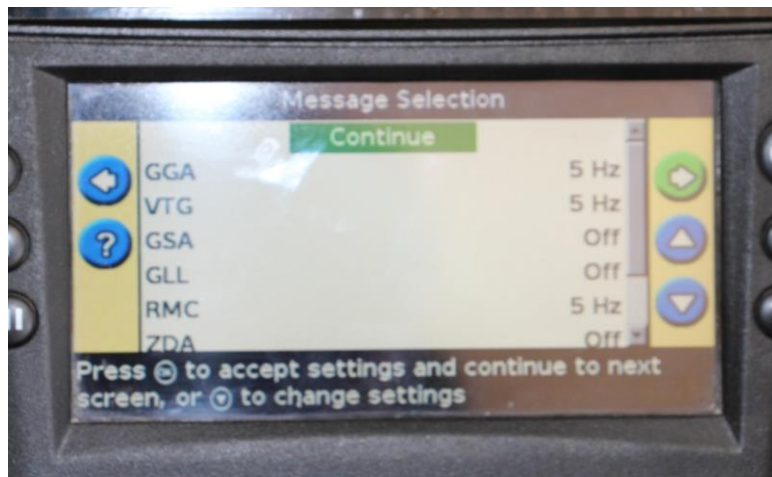
Step 7- Select

GGA - 5 Hz

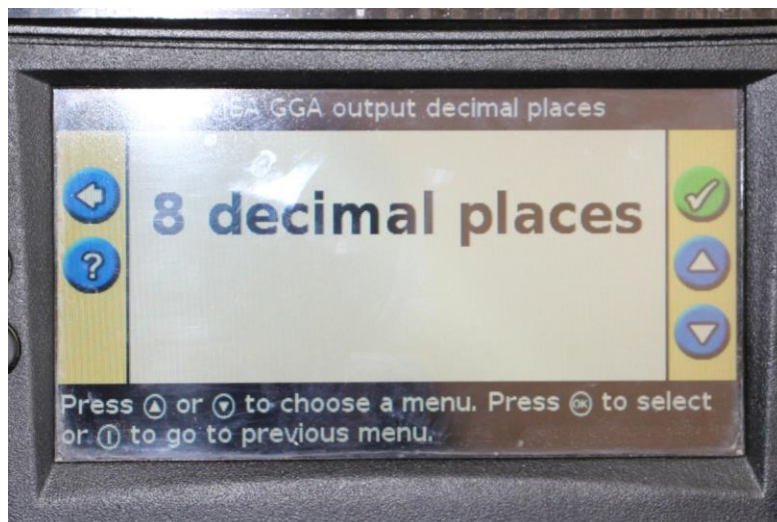
VTG - 5 Hz

RMC - 5 Hz

press Continue

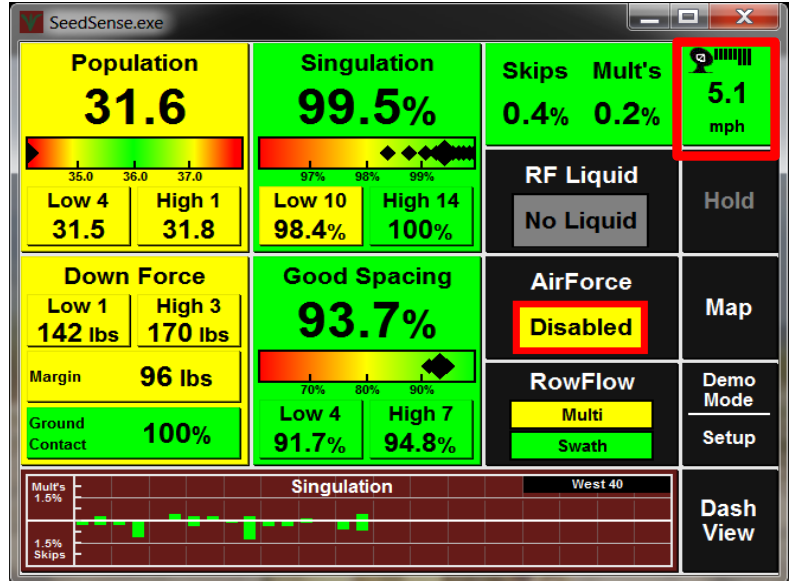


Step 8 – Select 8 decimal places. Press check mark to complete setup.



To verify GPS communications we will need to go to the 20/20 SeedSense Display Unit.

From the home screen press the SPEED/GPS button



Press REACQUIRE GPS:

Then Verify Communication Quality and NMEA Messages

