

Product Bulletin

DATE: 11/1/09 | SUBJECT: TP360-B to TerraSync Connection

TruPulse 360 Setup

- 1. Long press the Down arrow to enter the System Setup menu.
- 2. Enter the "H_Ang" menu, select "dECLn".and choose "yES".
- 3. Make sure the value on the screen is 0.0, NO Declination applied.
- 4. Press Fire to Save the setting and return to the Measurement Menu. (NOTE: on the AZ screen, the "d" will not display)

Terra Sync Setup

- 1. In the Setup Menu under External Sensors, check the Laser box and tap Properties. Select the proper COM port on your machine, i.e. COM1 or a BT port.
- 2. In the Units menu, choose North Reference: True and Magnetic Declination: Auto. This will assume an uncorrected azimuth from the Laser system and automatically apply the proper declination for your current location (recommended).
- 3. From the Data Menu, open a file and choose to either Update or Collect Features. When viewing or logging a point, the Laser offset will be automatically received.
- 4. If you want to view the Laser data, under the Options menu click on Offset and you will see fields for Bearing, HD and VD. These fields will populate when a string from the Laser system is sent.
- *** It is advisable to "check in" on a known Azimuth prior to data collection. If using two points logged with sub-meter GPS, use a baseline of at least 300 m (1000'). If there is a small rotation to be applied, enter it in the "dECLn" menu of the TP360

Cordially, LTI Product Support Team