

Using the TruPulse® Laser Rangefinder with the Ricoh G700SE

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This support note describes how to connect and use the TruPulse Laser Rangefinder with the Ricoh G700SE camera.

Setup:

1. Make sure the Bluetooth® on the TruPulse laser rangefinder is turned on by pushing and holding the down arrow. When the menu comes up, push the down arrow until you see bt. Push the Fire button, and make sure it says bt_on. If it says Off, push the down arrow to turn it on. Push the Fire button to select bt_on and get out of the menu.
2. The TruPulse has a built-in passkey of 1111. This needs to be entered on the camera in order to connect. On the camera, push the MENU/OK button. Push the left arrow button and then the down arrow 3 times to get to the Expanded Settings tab. Push the right arrow and then the down arrow to get to the Bluetooth Pass Key. Push the right arrow, enter 1111 into the Pass key box using the MENU/OK button, and then push ADJ./Memo to set the pass key.

Make the connection:

1. Make sure the TruPulse is turned on.
2. On the camera, push the MENU/OK button and then the left arrow and the down arrow 3 times to get to the Expanded Settings tab. Push the right arrow and then the down arrow to get to Bluetooth Serial. Push the right arrow to search for Bluetooth devices.
3. The camera should find the TruPulse, and you should see it in the list as TP360B-xxxxxx (where xxxxxx is the serial number of the TruPulse). Highlight the TruPulse, and push the MENU/OK button. The camera will show Connecting and then Connected.
4. When you get out of the menu, you should now see the Bluetooth icon on the left side of the screen. The 1 next to the icon means you are connected to one Bluetooth device. If you are also connected to an external receiver, it will show a 2 next to the icon. You may have to hit the DISP button multiple times to change the screen display to show the laser rangefinder measurements.

Take the measurement:

When you are ready to take a picture of a feature and want to measure the distance (and angle if you have the TruPulse 360) to the object, simply shoot the laser at the object, and you should see the distance (and bearing) appear on the screen of the camera.

Take the picture. The distance and bearing are now associated with that picture. Shoot the laser again, and the distance and bearing will be changed for the next picture.

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3 Rangefinder Modes:

Turn the camera on, press Menu/OK, navigate to the Expanded Settings menu, and scroll down to Range Finder mode. You will see 3 rangefinder modes: Mode 1, Mode 2, and Mode 3.

Mode 1 displays the rangefinder measurements on the camera until the laser is fired again.

Mode 2 displays the rangefinder measurements until a photograph is taken.

Mode 3 automatically takes a photograph a few seconds after the rangefinder is fired. The measurements information stays on the screen until another measurement is acquired.

Process the pictures:

When you are back in the office, process the photos with GPS-Photo Link or Wind Image.

The distance and direction information can be used to calculate new positions for your photographs, or they can be used to output Field of View cones for your map.

For additional information on this process with either software, see your GPS-Photo Link or Wind Image manual or call Priority Support at 208-324-6977.