



USA WARRANTY REPAIR & SERVICE CENTER FOR IMPULSE RADAR
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Quick Set-Up of PinPointR / ViewPoint App

The PinPointR antenna connects to the Tablet using onboard WiFi. The initial connection has a password of “impulse radar,” and this password will be the same for all carts. Your Tablet can see WiFi from multiple antennas, but only one cart can be connected at a time.

Step 1

Install battery into the antenna. You will hear a “click” when the battery is installed correctly. Use “Release Pin” to remove the battery. (See Fig.1)

Step 2

“PRESS ON/OFF BUTTON,” and the blue indicator will illuminate when ON. (See Fig.1)

Step 3

Turn on the tablet, open “SETTINGS,” and select WiFi connection. Search for WiFi **CO_#####**. The number is the serial number assigned to your cart. However, the serial number is only relevant when using a tablet to run multiple carts. (See Fig. 2)

Step 4

The WiFi password is always “**impulseradar**”. The tablet will now securely connect to the PinPointR antenna. Save this password for auto-connect in the future—exit tablet settings and tap the ViewPoint icon from the home page to start the application. (See Fig.3)

Step 5

ViewPoint should now be connected to your PinPointR antenna via WiFi. The display will indicate the antenna serial number and battery state of charge. If this is the first time, you may also be prompted to choose the odometer type. Choose “**Direct Drive**.” All PinPointR’s manufactured after January 2020 will only be Direct Drive odometers.

Step 6

Go to the home screen of the ViewPoint Application and select “**User Preferences**” Then, for USA customers, change the “Unit and Scales / Measurement System” from Metric to Imperial. At this point, you can also scroll down and deselect the “MapView feature” Then press the tablet back button (bottom right) to return to the home screen. (See Fig.4)

NOTE: *The PinPointR is fully operational and ready for use with factory default settings. However, we have included a list of optional antenna settings that have worked quite well in our area's soil conditions that you can also use or find desirable. See below steps:*

Step 7

From the home screen of the ViewPoint application, select “**Antenna Settings**.” Next, scroll to the bottom and select “**Show Advanced Settings**.” Next, scroll near the top and change the “**Samples**” to 1,000. The settings should indicate odometer wheel 0.787 step and **samples at 1,000**. Then press the tablet back button (bottom right) to return to the home screen. (See Fig. 4, 5 & 6)

Step 8

From the home screen of the ViewPoint application, select “**Single Line Project**.” Then select “**Non-Save Mode**” and begin a scan by pressing the “**Play**” icon and pushing the cart to collect data on display. Then press the “Gain” icon on the bottom right of the screen to enter the gain settings mode. There are three antenna frequency selections on the top left of the ViewPoint screen, i.e., 1) High / Low, 2) 800 MHz, and 3) 400 MHz. (See Fig. 4 & 7)

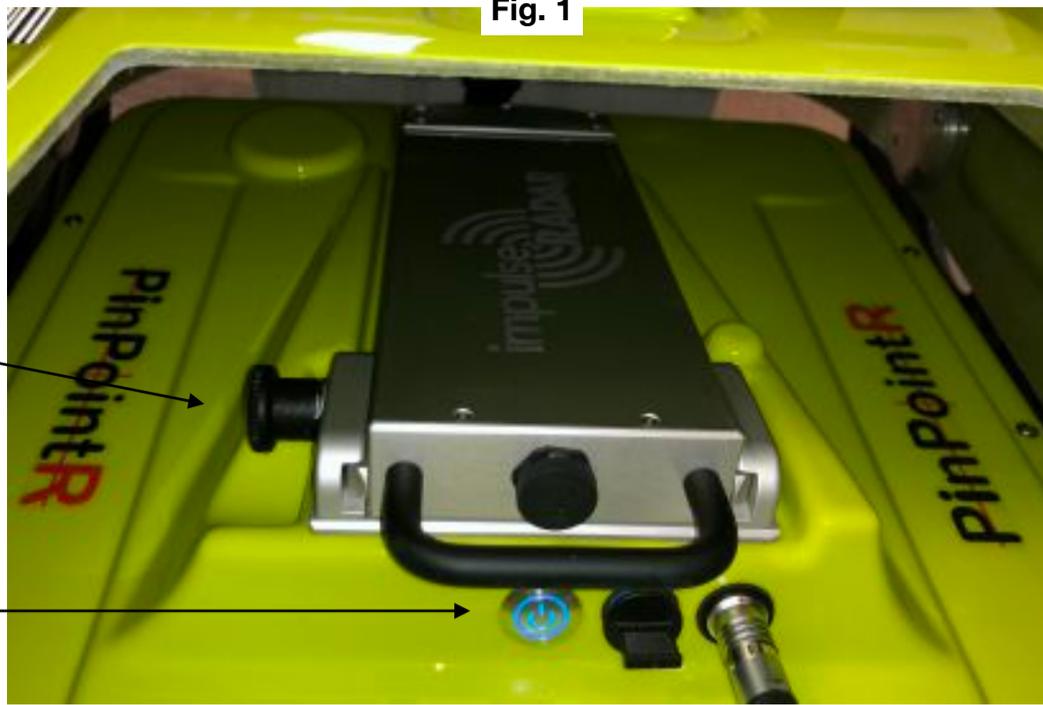
Step 9 - Setting 800 MHz gain: We have found the best setting for our soil conditions is to set the maximum gain to 20 and the bottom two settings to 30s. (See Fig.7 for reference)

Step 10- Setting 400 MHz gain: We have found the best setting for our soil conditions is to set the maximum gain to 20 and the bottom two settings to 20s. (See Fig.7)

NOTE: *Typically for both frequencies, the top gain setting is the setting you will most likely use while in the field. Still, it's also good to experiment with your gain settings until you find the best settings for your soil conditions.*

IMPORTANT: *This document is NOT a complete guide to using ViewPoint. Instead, this document is a recommended quick guide for antenna and ViewPoint setup. Please refer to the Instruction Manual for detailed user instructions.*

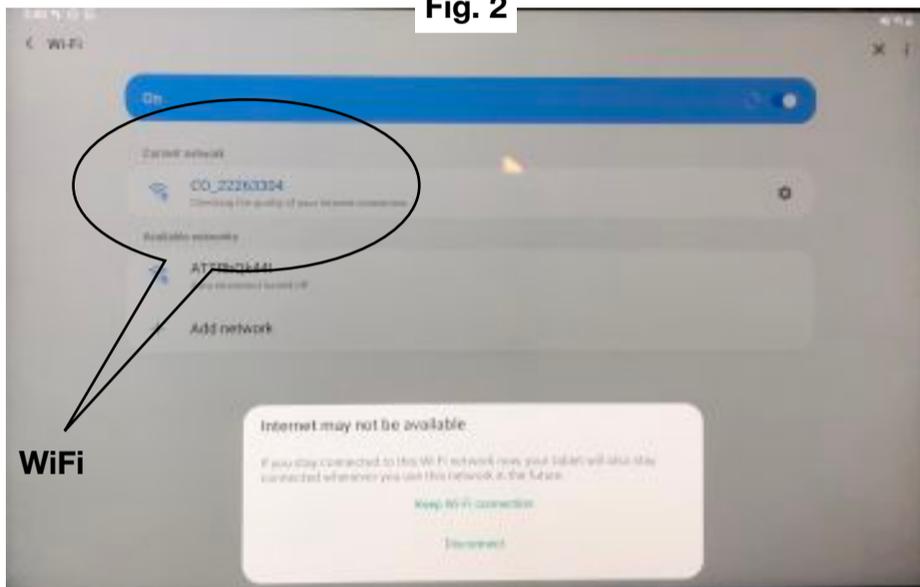
Fig. 1



Battery release

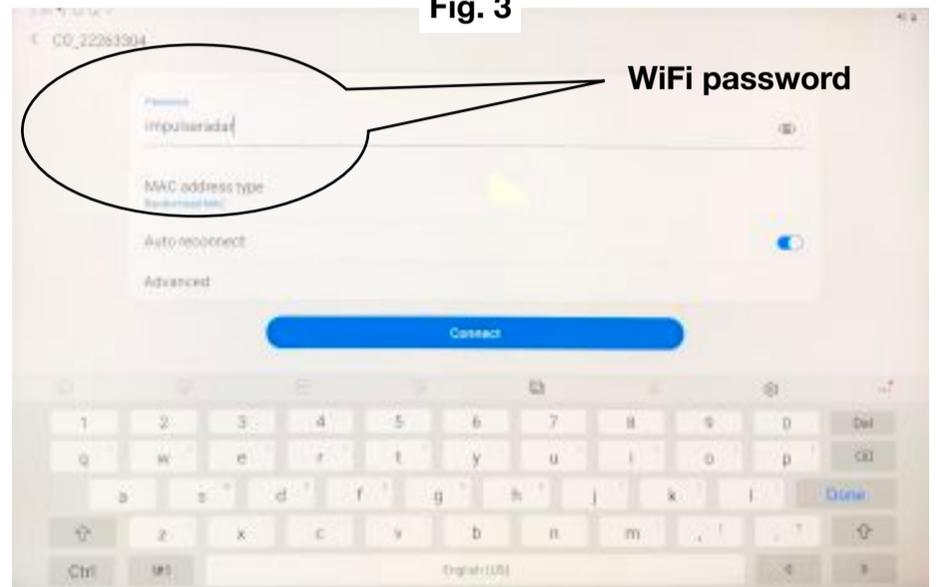
ON / OFF Button

Fig. 2



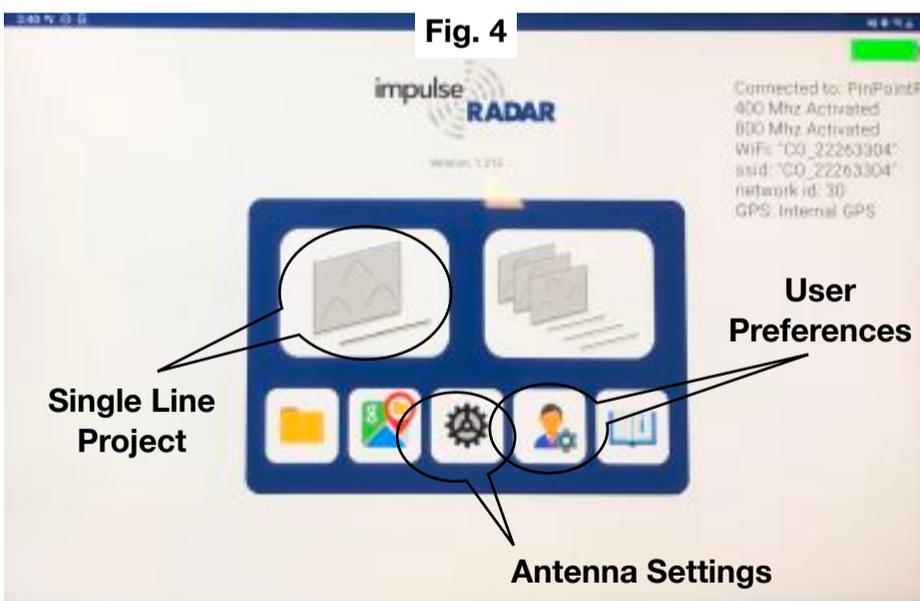
WiFi

Fig. 3



WiFi password

Fig. 4

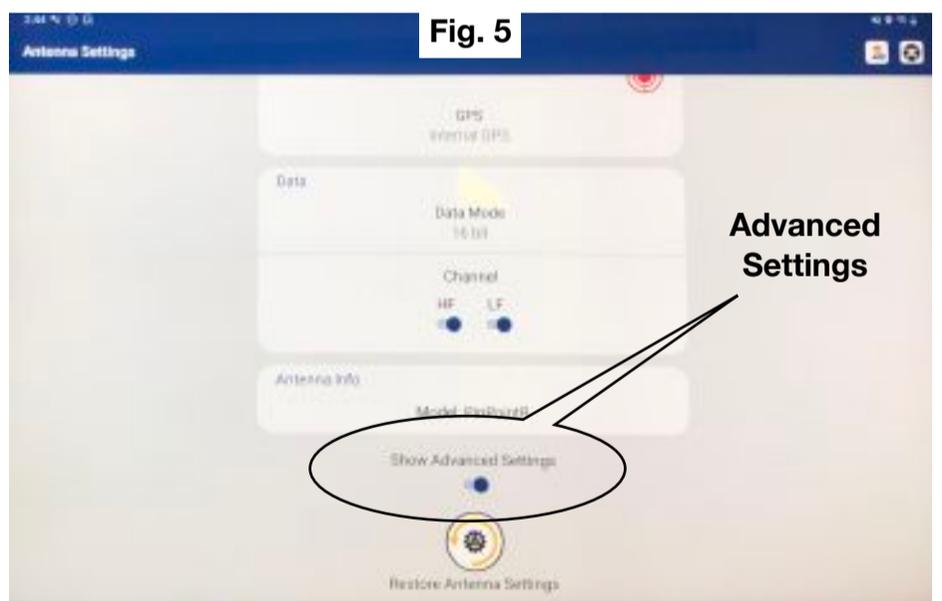


Single Line Project

User Preferences

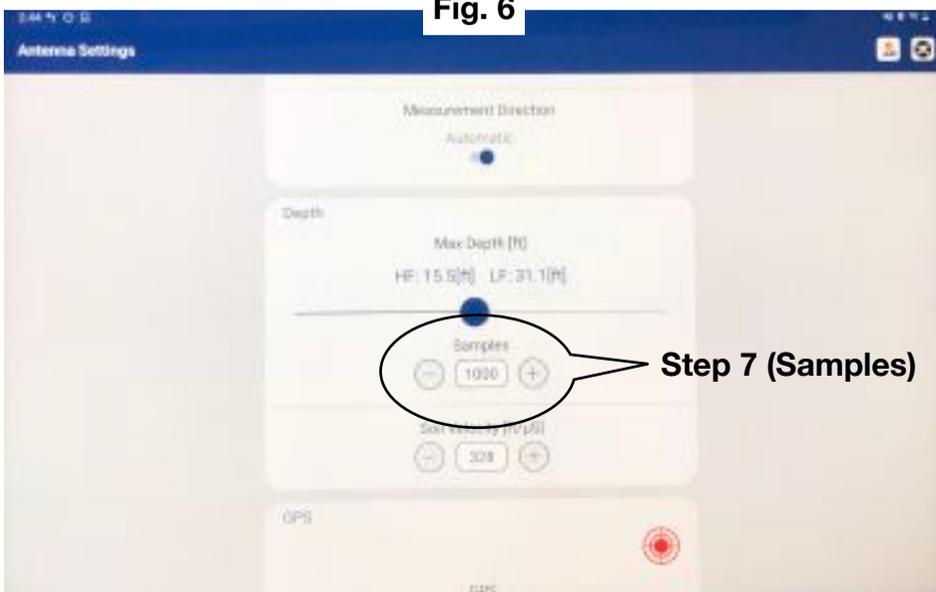
Antenna Settings

Fig. 5



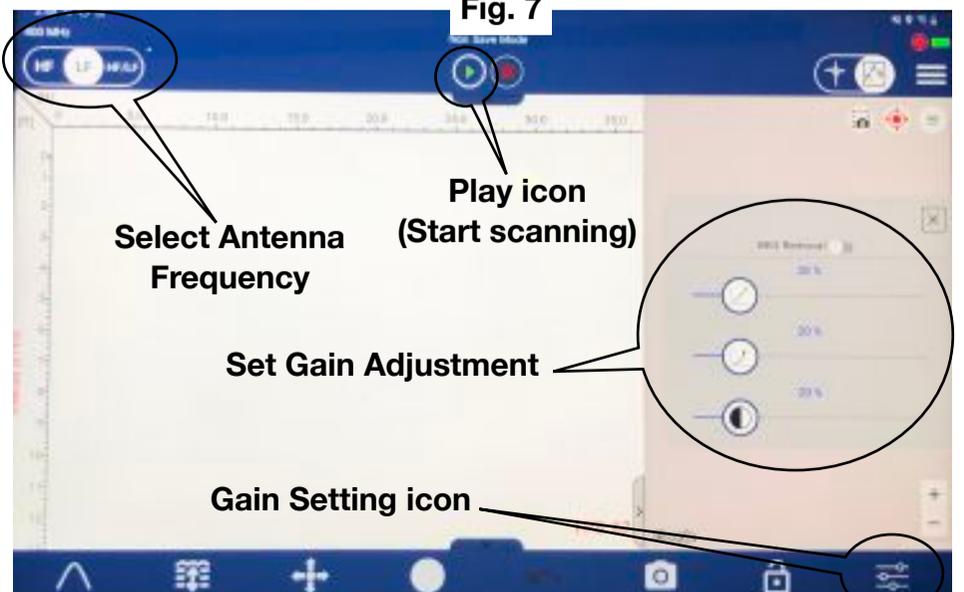
Advanced Settings

Fig. 6



Step 7 (Samples)

Fig. 7



Select Antenna Frequency

Play icon (Start scanning)

Set Gain Adjustment

Gain Setting icon