

Carlson Layout Onboard on the Carlson CRT

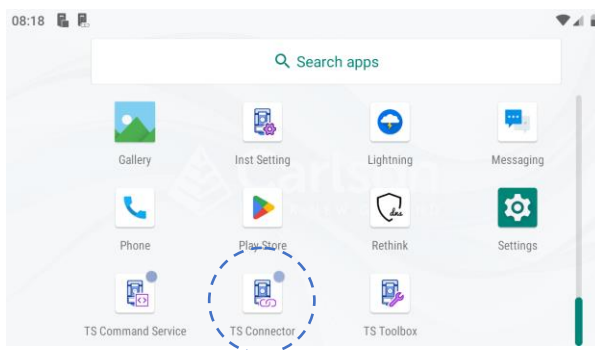
This document is a quick start to using Carlson Layout Onboard with the Carlson CRT Robotic Total Station.

Setting Up the CRT

Turn on the CRT using the power button on the right side panel. Connect your total station to a Wifi Hotspot using Android settings.

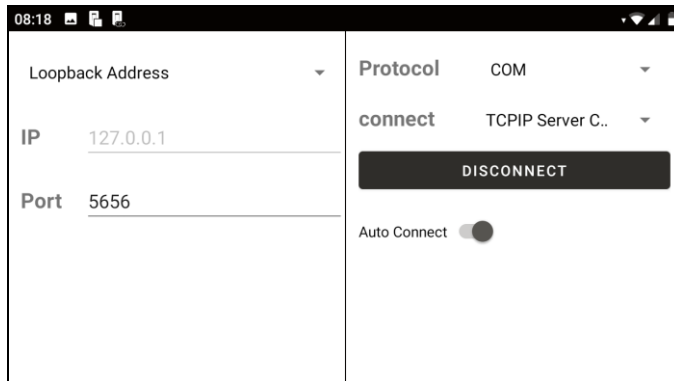


After the CRT is fully booted, access the app draw in Android by pressing the white icon with six dots on the left side of the screen. Launch the TS Connector App.



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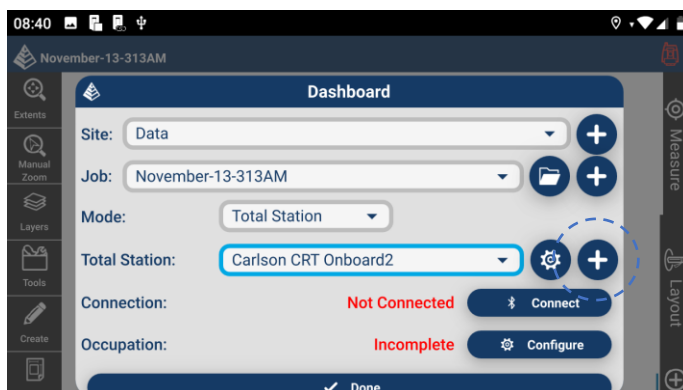
If the TS Connector App says it is connected, press DISCONNECT. Configure the TS Connector app as shown in the screenshot below. Protocol should be COM, connect should be TCP/IP Server Connect, Address type Loopback Address, IP is 127.0.0.1, Port 5656, and Auto Connect ON. Then press Connect.



Press the android HOME icon on the right to return to the home screen.

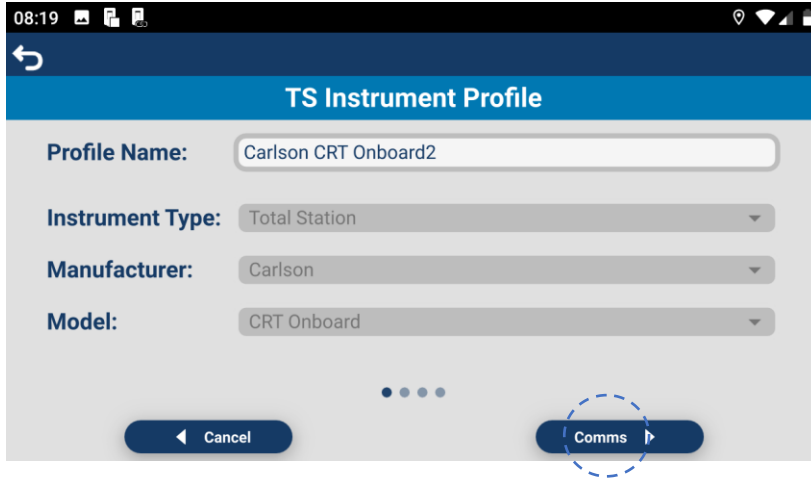
Setting up Carlson Layout

Launch Carlson Layout from the app drawer. If this is a first time setup, you will be directed to the Dashboard. Use the Dashboard to create a Site and Job if necessary. Select Mode: Total Station, and then press the PLUS icon to the right of the Total Station combo box to create a new instrument profile.



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Select Manufacturer: Carlson, Model: **CRT Onboard**.



08:19

TS Instrument Profile

Profile Name: Carlson CRT Onboard2

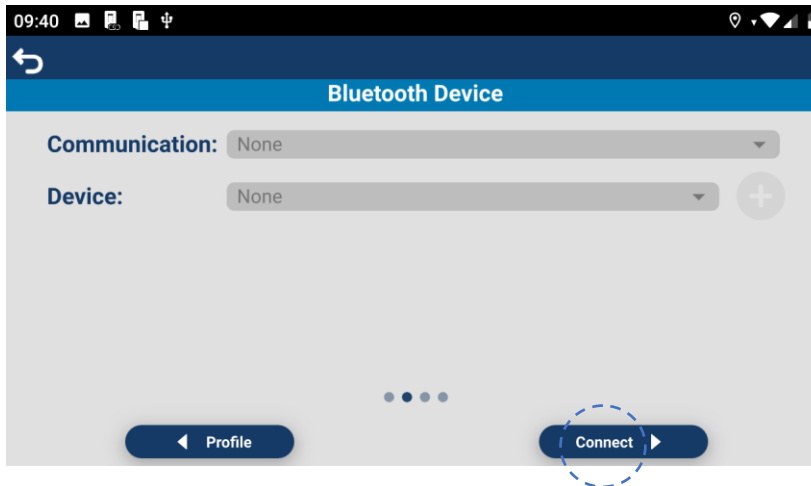
Instrument Type: Total Station

Manufacturer: Carlson

Model: CRT Onboard

Cancel Comms

Press the Comms button to move to the next screen, and then press Connect to establish communication.



09:40

Bluetooth Device

Communication: None

Device: None

Profile Connect

A Successful Connection message indicates that you are ready to begin working with Carlson Layout onboard your CRT. Configure the total station settings to match your preferences on the next screen.

