

Quick Start Guide

To check the firmware version tap MNU, 5, 4, 1

Trimble 5600 DR200+ – Firmware version tested 696-03.05

Geodimeter 600 – Firmware version tested 696-03.08



1. Turn on the instrument by tapping the “PWR” button on the faceplate
2. Level the instrument and hit the “ENT” button & allow the instrument to compensate
3. Hit the “ENT” button to accept each of the Temp=, Press=, Offset= and HA Ref=

For the first time setup follow these steps to configure your Instrument:

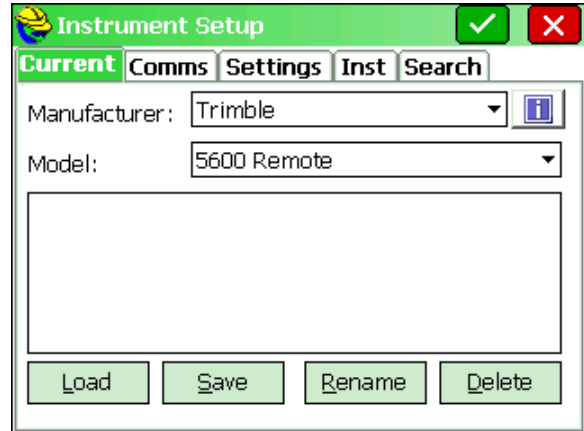
3. Select MNU, ENT, 4 (Data com), 1 (Select device), 2 (Serial)
4. At prompt “Serial ON?”, select ENT
5. Verify COM=1.8.0.9600 followed by ENT
6. At prompt “Table no=”, select ENT
7. To check the Channel Select MNU, 1 (Set), 5 (Radio) which displays the Channel, Station and Remote values and you can cycle through them using the “ENT” key
8. Select the RPU button on the instrument, select 3 for Remote, select 1 for OK
If prompted to “Define a Window” select NO & “Measure a Reference Object” select NO
9. Press the “ENT” key to turn off the Instrument then remove the faceplate
10. Install the blank plate and make sure to **push the black POWER button** to power the unit back on. It should beep once then after a few seconds it will beep twice.

11. Turn on your **Data Collector** and open up **SurvCE Version 2.55** or higher

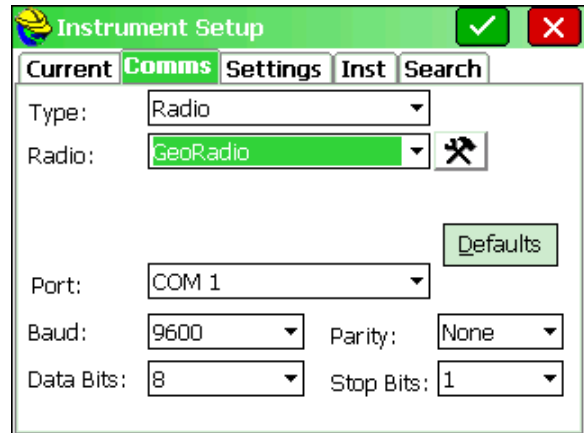
12. In SurvCE, tap the **Equip** tab then tap **“Total Station”**

a. For the *Trimble 5600* set the Manufacturer for “Trimble” and the Model to “5600 Remote”

b. For the *Geodimeter* set the Manufacturer to “Geodimeter” and the Model to “Remote”

The 'Instrument Setup' dialog box has a green title bar with a checkmark and a close button. It contains four tabs: 'Current' (selected), 'Comms', 'Settings', and 'Inst'. Under the 'Current' tab, there are two dropdown menus: 'Manufacturer:' set to 'Trimble' and 'Model:' set to '5600 Remote'. Below these is a large empty text area. At the bottom are four buttons: 'Load', 'Save', 'Rename', and 'Delete'.

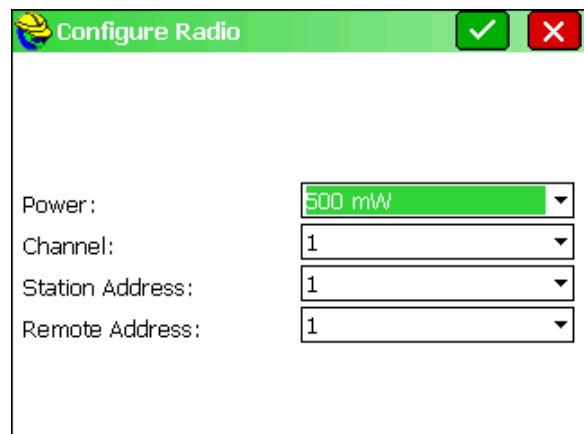
13. Tap the **Comms** tab = set the Type to Radio and set the Device to “GeoRadio” at the top of the “Radio:” list right above “Cable or Generic”

The 'Instrument Setup' dialog box is shown with the 'Comms' tab selected. The 'Type:' dropdown is set to 'Radio'. The 'Radio:' dropdown is set to 'GeoRadio', which is highlighted in green. To the right of the 'Radio:' dropdown is a wrench icon. Below this is a 'Defaults' button. Further down are four more dropdowns: 'Port:' set to 'COM 1', 'Baud:' set to '9600', 'Parity:' set to 'None', and 'Data Bits:' set to '8'. There is also a 'Stop Bits:' dropdown set to '1'.

14. Tap the  **wrenches icon** to the right of “GeoRadio” then change the Power to “500mw” and set your Channel, Station Address and Remote address to match your Instrument Settings.

15. Tap the **Green Check** to power on the Radio at the pole

16. Tap the **Green Check** again to Initialize the Robot and connect to the instrument.

The 'Configure Radio' dialog box has a green title bar with a checkmark and a close button. It contains four dropdown menus: 'Power:' set to '500 mW', 'Channel:' set to '1', 'Station Address:' set to '1', and 'Remote Address:' set to '1'.

If your prompted that the “Radio is off” tap **“YES”** to Initialize the instrument.

After setting up your Instrument the first time use the Steps Below to reconnect:

1. Turn on the instrument by tapping the “PWR” button on the faceplate
2. Level the instrument and hit the “ENT” button & allow the instrument to compensate
3. Hit the “ENT” button to accept each of the Temp=, Press=, Offset= and HA Ref=
4. Select the RPU button on the instrument, select 3 for Remote, select 1 for OK
5. Press the “ENT” key to turn off the Instrument then remove the faceplate

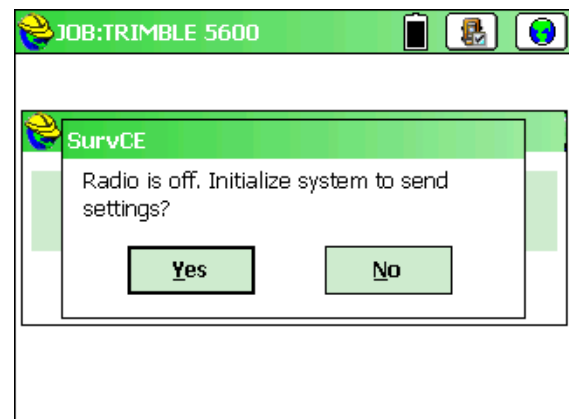
7. Install the blank plate and make sure to **push the black POWER button** to power the unit back on. It should beep once then after a few seconds it will beep twice

8. Run SurvCE Version 2.55 or higher and tap Equip / Total Station / Green Check

Or you can simply tap the Survey tab and tap the “Store Points” or “Stake Points” Live routine that you want to use.

9. You should be prompted with the message shown to the right “Radio is off”.

Tap “Yes” to Initialize the system and send settings.



10. A prompt “Initializing Instrument” will be displayed and then you will be connected and ready to Survey



***Please Note: **To shut down** the Trimble 5600 you can tap Equip / Total Station / Comms / tap the Wrenches icon / set the Power to “Off” / tap Green Check then tap the Red X to cancel