

Running your Benchtop Test Program - Wireless

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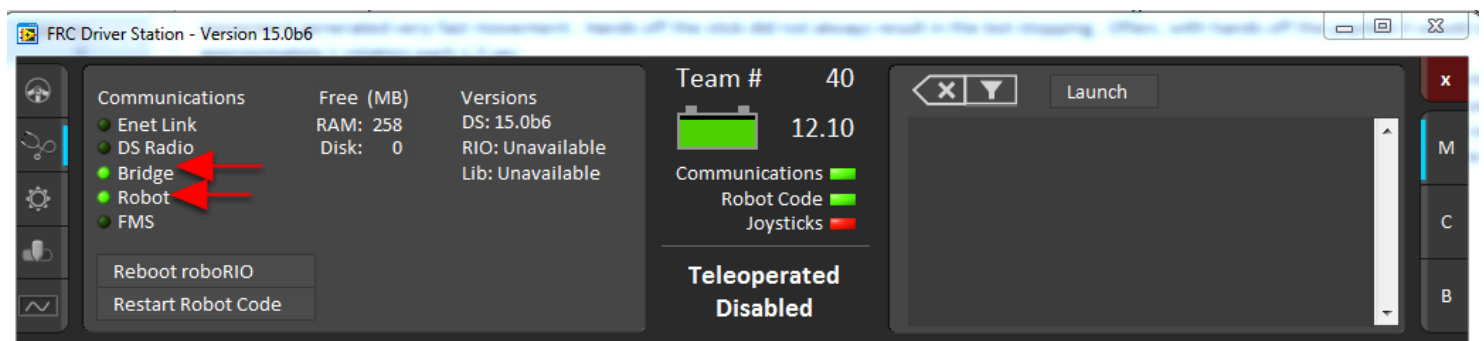
Before attempting wireless operation, tethered operation should have been confirmed as described in [Running your Benchtop Test Program - Tethered](#). Running your benchtop testing program while connected to the Driver Station via WiFi will confirm that the access point is properly configured

Configuring the access point

See the article [Programming your radio for home use](#) for details on configuring the robot radio for use as an access point.

After configuring the access point, connect the driver station wirelessly to the robot. The SSID will be your team number (as entered in the Bridge Configuration Utility). If you set a key when using the Bridge Configuration Utility you will need to enter it to connect to the network. Make sure the computer network adapter is set to DHCP ("Obtain an IP address automatically").

Confirm Connectivity

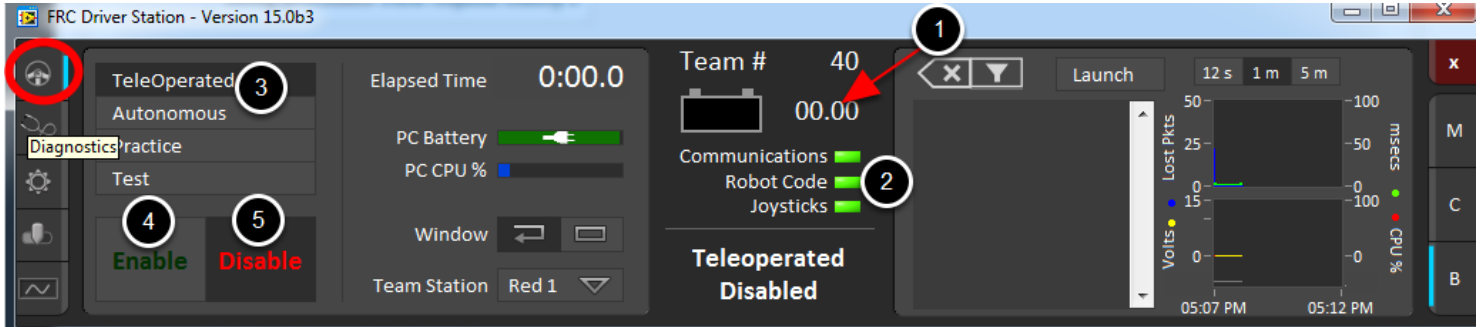


Using the Driver Station software

Click Diagnostics and confirm that the Bridge, and Robot LEDs are green.

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Wireless Operation



Click the Operation Tab

1. Confirm that battery voltage is displayed
2. Communications, Robot Code, and Joysticks indicators are green.
3. Put the robot in Teleop Mode
4. Click **Enable**. - Move the joysticks and observe how the robot responds.
5. Click **Disable**