To set up the PolaRx5S you will need:

- Power adapter
- Antenna
- Antenna cable
- WiFi capable device
- USB cable

For more information:

The memory stick delivered with the PolaRx5S contains the following documents:

- PolaRx5S User Manual
- PolaRx5S Firmware Manual
- SBF Reference Guide

You can also consult our webpage or contact our Support Department:

- http://www.septentrio.com
- support@septentrio.com

5. Basic Monitoring

Is the PolaRx5S tracking satellites?

- Select the ‘GNSS’ tab then 'Satellites and Signals'
- In open sky, the PolaRx5S should track between 15 and 25 GPS and Glonass satellites.
- The Carrier-to-Noise plot for GPS should show about 3 satellites with an L1CA above 50 dB-Hz

Is there any interference?

- Select the ‘GNSS’ tab then 'Spectrum'
- Click ‘Show table’ on the Spectrum plot then select GPS L2-P(Y). This frequency band can be vulnerable to interference.
- The small GPS L2 signal at 1227.6 MHz should be visible. Other spikes or anomalous activity in the spectrum may indicate interference.

Quick Start Guide

PolaRx5S

Quick Start Guide

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1. **Powering up**
   - Connect the power adapter to the ‘PWR’ socket on the PolaRx5S front panel
   - Plug the power adapter into the mains
   - The PolaRx5S will start up automatically

2. **Connecting an antenna**
   - Connect one end of the antenna cable to the antenna and the other end to the rear-panel ‘Main’ socket on the PolaRx5S
   - Make sure the antenna has a clear view of the sky

3. **Turning on the WiFi**
   - Press firmly on the front-panel WiFi button to turn on the WiFi modem

4a. **Connecting to the PolaRx5S over WiFi**
   - Find the PolaRx5S WiFi signal on your device and click: **Connect**
   - When connected, open a web browser using the IP address: **192.168.20.1**

4b. **Connecting to the PolaRx5S over USB**
   - Connect the USB cable between the PolaRx5S and your PC
   - Wait for the drivers to fully install
   - When the drivers have installed, open a web browser with the IP address: **192.168.3.1**