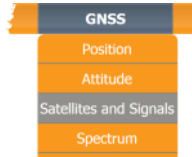
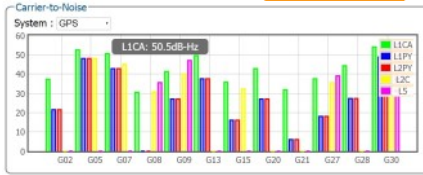


5. Basic Monitoring

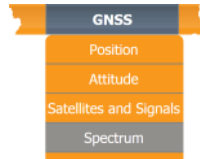
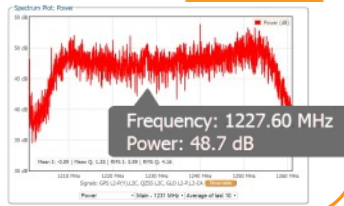
Is the AsteRx-U tracking satellites?

- Select the 'GNSS' tab then 'Satellites and Signals'
- In open sky, the AsteRx-U 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 on '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 this spectrum may indicate interference.



AsteRx-U

Quick Start Guide



To set up the AsteRx-U, you will need:



Power supply



Antenna



Antenna cable



WiFi capable device

or



USB cable

For more information:

The memory stick delivered with the AsteRx-U contains:

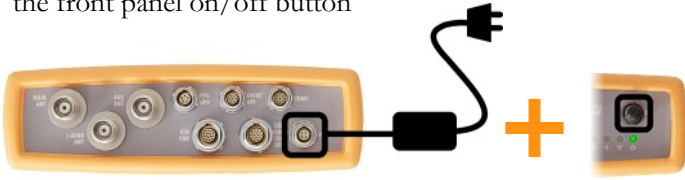
- AsteRx-U User Manual
- AsteRx-U Firmware Manual
- SBF Reference Guide

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

<http://www.septentrio.com> support@septentrio.com

1. Powering up

- Supply the AsteRx-U with 9-36 VDC via the rear-panel 'PWR' socket
- If the AsteRx-U doesn't start up automatically, press the front panel on/off button




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 AsteRx-U
- Make sure the antenna has a clear view of the sky



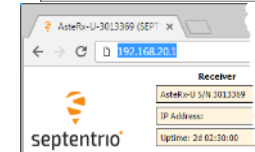
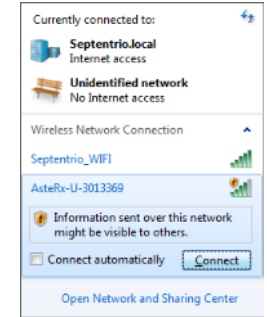
3. Check WiFi is turned on

- WiFi is enabled by default. When enabled, the LED next to the WiFi icon  on the front panel will be lit.



4a. Connecting to the AsteRx-U over WiFi

- Find the AsteRx-U WiFi signal on your device and click: **Connect**
- When connected, open a web browser using the IP address: **192.168.20.1**



or

4b. Connecting to the AsteRx-U over USB

- Connect the USB cable between the AsteRx-U and your PC
- Wait for the drivers to fully install. This may take some time
- When the drivers have installed, open a web browser with the IP address: **192.168.3.1**

