


# Septentrio PolaRx5 Resource Page

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<a href="#">Back to receiver comparison page</a>	Receiver	GNSS ?	Available as special buy	Available on loan	Serviceable at UNAVCO	File Size (24 hr, 15 s)	Memory	Time lasts recording at 15 s	Power draw w/ antenna	Time lasts on 18Ahr battery
	Septentrio PolaRx5	● Y	● Y	● Y	● N	N/A	● Up to 32 GB Internal or External	N/A	● 4.0 W	● ~1.8 days

- Configure via http interface or RxControl.
- Download data via HTTP interface or FTP; no special downloading software required.
- Has FTP push, RSYNC and IP filtering capabilities.
- Records GPS L1, L2, L2C, L5, GLONASS, Galileo, BeiDou, QZSS, and SBAS.
- Native data format is SBF; can stream SBF, BINEX, NMEA and RTCM real-time formats.
- Supports logging to External USB drive.
- Supports up to 8 logging sessions.

## Firmware

- Current version is 5.3.2
- **\*NOTE - Firmware version 5.3.0 and above fixes a critical data logging bug and should be loaded as soon as possible to avoid data loss.**
- Download from Septentrio website [www.septentrio.com](http://www.septentrio.com).
- [5.3.2 Release Notes](#)
- Run this script to enable new signals and satellites. [Set\\_full\\_tracking](#)
- Firmware versions should be installed without skipping over major versions. Here are some [firmware upgrade notes](#).

## Notable changes in this firmware.

- "CloudIt" service introduced.
- Support for additional constellation signals.
- P2PP protocol.
- Low bandwidth text interface using /lite.
- Bug fix for file logging.
- See Release Notes for complete details.

## Resources

- [UNAV\\_X5\\_5-3-2\\_base configuration](#)
- [Septentrio Cable Identifier](#)
- [How to integrate the Vaisala WXT510/520 and the Septentrio PolaRx5 \(Command Line\)](#)
- [How to integrate the Vaisala WXT510/520 and the Septentrio PolaRx5 \(Web User Interface\)](#)
- [Septentrio PolaRx5 Power Consumption](#)
- [Where to Find the Correct Serial Number For UNAVCO Dataflow and Archiving](#)
- [Septentrio PolaRx5 - Safari Web Browser Incompatibility](#)

## Old Files

- [UNAV\\_X5\\_5-3-0\\_base configuration](#)
- [5.3.0 Release notes](#)
- [Unav\\_PolaRx5\\_Setup](#)
- [Unav\\_PolaRx5\\_Installation](#)
- [Unav\\_PRx5\\_Quick-Start 5.2.0](#)
- [UNAV\\_X5\\_5-2-0\\_base configuration](#)

- [Version\\_1.0\\_Unav\\_PolaRx5\\_Setup](#)
- [Version\\_1.0\\_Unav\\_PolaRx5\\_Setup](#)
- [Version\\_1.0\\_Unav\\_PolaRx5\\_Installation](#)
- [Version\\_1.0\\_Unav\\_PRx5\\_Quick-Start](#)
- [UNAV\\_X5\\_5-1-2\\_base configuration](#)
- [Unav\\_PRx5\\_Quick-Start 5.1.2](#)

Posted by: [Henry Berglund](#) - Thu, Dec 24, 2015 at 9:30 PM. This article has been viewed 11067 times.

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