

ExpertSDR2 1.2.0 final Release Notes

27 April 2018

Release description

ExpertSDR2 1.2.0 final for SunSDR2 PRO, SunSDR2 QRP and MB1 transceivers, ColibriDDC and ColibriNANO receivers.

General changes:

- Fixed bug, from now on Mic indicator displays correct values

ColibriNANO:

- Fixed bug, discrepancy between signal level in S-meter and panorama

MB1:

- New ATU firmware, with improved tuning algorithm, vol. 6

The most significant additions and improvements in the ExpertSDR2 1.2.0 final in comparison to 1.1.3:

- **Antenna switch** for SunSDR2/PRO and MB1
- **4K display mode**, it allows you to use a 4K monitor to work with the ExpertSDR2
- **Professional TX processing module** for all our transceivers
- **TCI** - Transceiver Control Interface
- **macOS** support
- ExpertSDR2 **x64** bit for OS Windows x64, it lowered CPU load by the ExpertSDR2 by approximately 20% and even more using modern CPU
- **New ATU firmware** for the MB1, with improved tuning algorithm
- Support of **all main OS** for all devices (except MB1): Windows, Linux, macOS
- New **Spot module**, to acquire spots from telnet servers and display on the panorama
- A lot of minor tweaks and additions suggested by our users

Known issues

- Waterfall issue – with high spectrum resolution and squeezed panorama, thin width stations (like CW) might not be displayed
- RX2 BreakIn does not work
- After transmission of the CW macros via TCI, CW key works with small delay approximately 30~50 ms

Tips for smooth ExpertSDR2 installation

Before the upgrade of the ExpertSDR2, always backup your current ExpertSDR2 folder (it contains your settings and Profile files), which is placed here C:\Users\UserName\AppData\Local\Expert Electronics\ExpertSDR2.

Before installing the ExpertSDR2 shut down all running ExpertSDR2 instances.

You don't have to uninstall the older ExpertSDR2 version before installing the new one.

If you want to downgrade the ExpertSDR2 you need to uninstall the current version and then install the older one.

Useful documents

[MB1 User Manual](#)

[MB1 User Manual Addendum, by Erik EI4KF](#)

[ExpertSDR2 User Manual for the SunSDR2 PRO v1.4](#)

[SunSDR2 PRO Hardware Manual v1.2](#)

[ExpertSDR2 User Manual for the SunSDR2 QRP v1.1](#)

[SunSDR2 QRP Hardware Manual v1.0](#)

[ColibriDDC User Manual v1.2](#)

[ColibriNANO User Manual v1.1](#)

[Expert Remote User Manual](#)

Technical Support

If you've experienced any issues using the ExpertSDR2 or need any help, you may ask your question on the [Forum](#) or contact us via the technical support form on our [web-site](#).

Hours of operation: Our technical support engineers are available Monday-Friday from 7:00 – 16:00 UTC. If you need a remote session, we should discuss it beforehand, usual time Monday-Friday from 12:00 – 15:00 UTC.

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