

ExpertSDR2 1.3.0 Beta3 Release Notes

07 June 2019

Release description

ExpertSDR2 1.3.0 Beta3 for SunSDR2 PRO, SunSDR2 QRP and MB1 transceivers, ColibriDDC and ColibriNANO receivers.

The purpose of **ALPHA/BETA/RC** versions of the software is to collect user's feedback on the new features and to locate possible issues which could be missed while internal testing.

An **ALPHA/BETA/RC** version may have bugs, which will be fixed in further software releases. Nevertheless, we recommend updating to the latest version of the software since it contains not only new features, but also bug fixes and improvements that you most definitely will find useful. If you prefer to skip the software release with possible bugs in it, we respect your decision.

General changes:

- Added new commands in TCI protocol (documentation was updated on github to the version 1.3)
- New module for mic signal processing – Pre-proc. This module imitates tube preamplifier

Bug fixes:

- DDS frequency control issue from the MB1 front panel
- Fixed issues in TX signal analyzer
- Earlier if you set mic signal for high volume, with max allowed amplitude, after modulator signal still exceeded allowed values which led to clipping. Now amplitude of the signal after the modulator equals its amplitude before modulator. As a result, output power slightly lowered, but it preserves the quality of the signal.
- Incorrect storing of the EQ quality in the TX PROC module
- Fixed issues which led to the software crash

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

- If you detach BandScope from the main software window and then attach it back, text on the panorama becomes unreadable
- macOS version of ExpertSDR2 for SunSDR2 PRO and SunSDR2 QRP closes incorrectly (but all the settings are stored OK)
- Text in the Options window may be squeezed in some menus
- Ext reference cannot be used in MBI, SunSDR2 QRP (firmware issue)
- ColibriNANO may not operate properly with high sample rate values (mainly on macOS devices) (firmware issue)

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

[MBI User Manual v1.2.0](#)

[SunSDR2 PRO User Manual v1.5](#)

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

[ColibriDDC User Manual v1.2](#)

[ColibriNANO User Manual v1.1](#)

[ExpertSDR2 User Manual Addendum, by Erik EI4KF](#)

[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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