SDRconnect Release Notes

Overview

This document provides an overview of the modifications, changes and enhancements made to the SDRconnect Application Software.

Preview 2 build 0fd82d9dc (26ᵗʰ January 2024)

Added
- RSP1B Support

Preview 2 build b85a1fe33 (15ᵗʰ January 2024)

Changed
- Improved Server List Editor (renamed to Remote Device Editor)
- Renamed Global Settings to Preferences

Defects
- Mac x64 only – FFT size of 64k causes a crash
- Mac only – opening Global Settings from the system menu causes a crash
- Bandwidth limits incorrect for network audio source
- Server attempted to stream WAV file when no USB device found
- Issue with biquad filter when adjusting bandwidth in AM or SAM mode to 100 Hz

Preview 2 build 0274e9dcd (30ᵗʰ November 2023)

Changed
- When loading an IQ file saved in SDRuno, use the LO frequency from the file header.

Defects
- 40m band not showing the correct frequency span for regions 1 and 3.
- IQ file dropdown does not prompt for a file when it's the only source available.
- Notch filter could be removed when adjusting the asymmetric filter.

Preview 2 (27th November 2023)

Added
- Second public preview release
- Direct frequency input
- CB-UHF mode
- 11m, 13m, 15m and 16m broadcast bands
- Clear loaded device state when device is closed
- IARU region support (bands and power level)
- IQ Recording (64bit format, single file)
- IQ Playback as a device
- Asymmetrical filtering in Aux control
- Attack/Decay smoothing added to the s-meter display
- Add zooming to the Aux control
- Global Settings control
- Notch filters in Aux control
- Popup dialog to report any errors in stream starting
- Timestamps to server console output

Changed
- Linux installer: checks for 64bit OS and additional info on how to approve the license terms
- Rename CB band to CB-HF
- Popups now have transparency
- Zero the waterfall average slider default position
- Changes required to the Mac build profile due to changes in .NET 8 (now makes it harder to support older OS versions)
- Modify data exchange for FFT data for improved performance

Defects
- Audio gain range insufficient
- Hit marker on frequency digits not working as intended due to control having zero height
- Random graphical artefacts and glitches on windows
- GUI freezing
- Initial application startup size on "small resolutions"
- Fix NOAA band frequency range and mode
- Broadcast band buttons making the control too wide
- Fix marine band frequency range and mode
- Frequency scrolling in SSB mode not working
- IFAGC always starts enabled regardless of UI setting
- Device settings not applied properly when switching sources
- Spectrum axis is too small
- Fix spectrum flickering when resizing the application window
- Waterfall palette not applying correctly on startup
- Server sometimes crashing on new client connections when max client limit reached
- Reset zoom to 0% when band framing to avoid the chance of displaying out of bounds bins

Preview 1 (10th August 2023)

Added
- First public preview release

For more information go to https://www.sdrplay.com

For support go to https://www.sdrplay.com/help

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