

## 180db Open Source Acknowledgements

180db is built with the help of the following open source libraries. We are grateful to the developers and contributors who make their work available.

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### Audio & Media

**Symphonia** A pure Rust audio decoding and media demuxing library. License: Mozilla Public License 2.0 <https://github.com/pdeljanov/Symphonia>

**cpal** Cross-platform audio I/O library in pure Rust. License: Apache-2.0 <https://github.com/RustAudio/cpal>

**rubato** An audio sample rate conversion library for Rust. License: MIT <https://github.com/HEnquist/rubato>

**rustfft** A mixed-radix FFT library written in pure Rust. License: MIT OR Apache-2.0 <https://github.com/ejmahler/RustFFT>

**audioadapter-buffers** Audio buffer adapters for Rust. License: MIT OR Apache-2.0 <https://github.com/HEnquist/audioadapter>

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### Application Infrastructure

**GRDB.swift** A toolkit for SQLite databases, with a focus on application development. License: MIT <https://github.com/groue/GRDB.swift>

**Sparkle** A software update framework for macOS. License: MIT <https://sparkle-project.org>

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## Utilities

**parking\_lot** Compact and efficient synchronization primitives. License: MIT OR Apache-2.0 [https://github.com/Amanieu/parking\\_lot](https://github.com/Amanieu/parking_lot)

**rtrb** A realtime-safe single-producer single-consumer ring buffer. License: MIT OR Apache-2.0 <https://github.com/mgeier/rtrb>

**log** A lightweight logging facade for Rust. License: MIT OR Apache-2.0 <https://github.com/rust-lang/log>

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## Plugin Development

**nih-plug** A framework for creating audio plugins in Rust. License: ISC <https://github.com/robbert-vdh/nih-plug>

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*This page lists the primary open source dependencies used in 180db. Each library retains its original license. For full license texts, please refer to the respective project repositories.*