

Package QA and Coverage

MIDISplitter 1.5.2 - Build 5 - MIDI ORG 2026 Innovation Awards

Verification date: September 24, 2026. This summary replaces build 2's coverage record for the new artifact. Historical pass labels do not automatically qualify this build.

Build and source identity

Release-optimized universal app: arm64 and x86_64, minimum macOS 15.0. Bundle identifier: com.seandflemming.MIDISplitter. Version 1.5.2, build 5. The explicit awards xcconfig enables BETA_DIAGNOSTICS and MIDI_ORG_AWARDS. The exact awards line is MIDI ORG 2026 Innovation Awards.

All 160 inputs were compared with the September 21 approved 1.5.2 candidate. The sole difference is Config/MIDIOrgAwards.xcconfig, which advances the awards version and build. Application source and resources match. The App Store submission remains a separate 1.5.2/build 4 artifact; this reviewer build does not establish Apple's review approval.

Signing and notarization

Developer ID Application: Sean Flemming (67RTVWBK6T). Hardened runtime and a secure timestamp are present. App Sandbox and user-selected read/write are the app entitlements. Strict signature validation passed. Apple accepted app notarization cc1e31a4-b212-4429-b3a6-de1f7f9e211c; ticket stapling, validation and Gatekeeper assessment passed as Notarized Developer ID.

The completed DMG is separately signed, notarized and stapled. Its final receipt and checksum accompany the download; its own hash is not embedded inside itself.

Fresh automated checks

- Universal Release awards build: passed. Version, build, architectures, awards/diagnostic strings and entitlements inspected without launching the app.
- Required MIDI foundation gate: passed 208 of 208 planned cases, 627 assertions, all eight applicable contracts and negative-control self-tests. MAE-009 is not applicable to this app's documented musical-origin contract. This is bounded engineering evidence, not full MIDI certification.
- Supplied demo pair: both parsed as nine musical parts and 3,828 note attacks. All 44 split, merged and repeated-loop export/reparse checks passed. Whole-song and single-part note counts were retained. Both original file hashes are unchanged.
- Diagnostics harness: passed subprocess collection, cancellation, timeout, batching/order, consent/session behavior, refresh coalescing and limits. Ordinary Release helper APIs are inert and diagnostic helper symbols are excluded by the harness.
- Manual harness: passed nonvisual 15-topic content/layout, search/filter, article scrolling, links and Help-menu wiring. The PDF manual was generated from the actual current Help content with evaluation diagnostics enabled.

Initial sandboxed attempts could not provide Swift macro compilation or AppKit screen geometry. The successful checks above ran with the required local access. These environmental failures are retained in the local release record and are not counted as product passes.

Historical human evidence and current limits

Sean reported testing and approved release of the latest 1.5.2/build 4 source on September 21. Per-test results and independent-platform details were not individually supplied. The September 12 awards build had an authorized GUI smoke check. Neither record is a fresh human test of this build 5 package.

No MIDISplitter GUI was launched during this packaging session. The verification host is Apple silicon, macOS 26.4 (25E246), Xcode 26.6 (17F113). Human listening, final About layout, drag-to-Applications installation, first-download quarantine experience, Intel runtime, macOS 15 runtime, accessibility evaluation, and independent hardware/DAW interoperability were not newly tested.

The MIDI gate does not cover every receiver-state combination, edit/loop/provenance matrix, RPN/NRPN case, malformed or multipart input, fuzz/resource limit, SMF/UMP conformance rule, or live transport. See the included MIDI Quality Gate Summary for the explicit scope. Missing coverage is neither a pass nor a failure.

Practical reviewer checklist

1. Quit an older MIDISplitter, install from the DMG, launch and confirm version 1.5.2/build 5 and the exact awards line in About.
2. Open both supplied demos. Audition the full song and selected parts, seek, pause, stop, return to zero, change a melodic instrument and try Reset to Loaded.
3. Split and merge copies into a fresh folder with Save Text Report enabled. Export a two-repeat loop and reopen the results. Listen in MIDISplitter and your intended destination software.
4. Test drum mapping on a separately exported melodic part. Use Restore Before Mapping. Read any occupied-channel or multi-channel warning and its linked recovery instructions.
5. Inspect warnings, expanded technical details, current Help, Settings and the optional Debugging Window. Do not send a diagnostic email unless you intend to share the reviewed content.
6. Record your Mac model, OS, date, tester and actual observations. Do not mark unfinished checks passed.

Retained behavior

Main listening-volume changes may briefly interrupt prepared playback. The four-cycle loop-preview batch may pause briefly at its restart. Main-window Stop retains the cursor; the loop-export preview has separate local transport behavior. MIDI activity meters do not measure audible quality. Inspect the export report for preservation decisions instead of interpreting generic import-inventory wording as an export result.