



FLUX Immersive Studio Session Analyser User Guide

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Studio Session Analyser

1.1 Welcome

Thank you for purchasing the Studio Session Plugins (bundle) which includes the Studio Session Analyser. The Studio Session Analyser is a light version of our renowned FLUX:: Real Time Analyzer System. The Session Analyser is installed as a single application. It has the same basic functioning as with the standard FLUX:: Analyser with the following limitations;

- Inputs & Outputs : Mono / Stereo
- I/O Configuration: SampleGrabber Plug-in Only (no hardware I/O)
- Max 96kHz sample rate. 44.1, 48, 88.2, 96
- No Support for any add-on options

i Note

Please note that the Studio Session Pack license is a bundle license and the Studio Session Analyser can only be

used on the same computer as the rest of the plug-ins in the bundle are used.

1.2 User documentation

Please refer to the FLUX:: Real Time Analyzer System user documentation.

Appendices

A Release Notes

A.1 Build 23.07.50310 – All plugins

A.1.1 New features

- Support Pro Tools new track formats

A.1.2 Bugs fixes

- All plugins – Nuendo – VST3 – crash when stereo plugins are instantiated on multichannel tracks (StereoTools, ...)
- All plugins – Pace protected plugins fail to scan on Da Vinci Resolve mac
- All plugins – Popups wrong metrics when changing screen
- All plugins – Presets not imported
- All plugins – VST3 – Nuendo – WIN (UHD360) – Wrong window size init
- All plugins – VST3 – WIN (UHD630) – REAPER – GUI refresh issue when in single window mode
- All plugins – GUI issue with AMD graphics on windows – flickering issue
- All plugins – AU – Plugins parameters are reset when bouncing in Reaper
- All plugins – VST2 – no multichannel with the plugins 23.X in Reaper
- All plugins – VST – Resizing the GUI does not update the floating window size in Nuendo on Windows with UHD630 graphics
- Bittersweet – VST3 – crashes on Pyramix on instantiation
- StereoTool / EVO Channel – VST3 – No goniometer / analyzer in Wavelab
- Elixir – Not available as 32 channels in Reaper
- EVO series – AAX – Dark Mode wrong GUI init
- EVO series – remove unused and duplicated presets
- EVO Channel – VST3 – spectrum smoothing slider crashes Studio one
- EVO Channel / EVO Eq – VST3 – Analyzer not working in Ableton Live
- EVO Channel / EVO Eq – scale eq control always reload on auto mode
- EVO Eq – weird release on meter
- EVO In – GUI refresh issue when toggling night/day mode
- EVO Touch – Zero Crossing Threshold label missing in the geek panel
- EVO Touch – frequency band selector does not always recall the good settings on session reload
- EVO Touch/ EVO Channel – Frequency range slider is hard to handle
- Pure Serie – VST3 – Attack value max 80ms
- Pure Comp – Crash when loading “Bass guitar” preset
- Pure Limiter – VST3 – advanced mode does not turn on advanced settings
- StereoTool – VST3 – vector scope not working in Ableton Live on Windows
- StereoTool – Not working in Final Cut Pro
- TRAX – Crash using oversampling with sessions set at 2FS or higher

- TRAX Tr – not usable in ProTools anymore (build 50123)

A.1.3 Known issues

- All plugins – VST – GUI issue in Izotope Ozone and RX
- All plugins – AAX – Preset manager – Default preset is not applied to parameters at plugin instantiation
- Elixir – Latency not properly compensated after changing stage parameters value in VST and AudioUnit
- TRAX tr – Learn function returning wrong values
- VerbV3 – HOA 3rd order not working properly

A.2 Build 23.1.0.50251 – All plugins

A.2.1 New features

- New plugins Evo Compressor, Evo Touch and Evo EQ.
- VST3 support
- ARM support for AAX, AU and VST3
- Plugins are now resizable
- Elixir now supports 32 channels
- Alchemist, BitterSweet, Epure, Pure Compressor, Pure DCompressor, Pure Expander, Pure DExpander, PureLimiter, Solera, Syrah now support 16 channels

A.2.2 Bugs fixes

- All plugins – Preset Manager – Update user preset do not work
- All plugins – Preset manager – Crash or freeze when saving a preset
- All plugins – UI may be black on Intel UHD 630 graphical cards
- All plugins – AU/VST3 – Preset manager – Default preset is not applied to parameters at plugin instantiation
- All plugins – AAX – Crash with OSC when changing fx slot in Pro Tools
- All plugins – AU – Logic Pro – Automation of boolean/integer parameters broken
- All plugins – AU – Plugins crash in Da Vinci Resolve
- All plugins – DaVinci Resolve – VST – UI is truncated
- All plugins – Streamlabs – Plugins do not work
- All plugins – Licensing issue in DaVinci Resolve and GarageBand
- Alchemist – The range parameter works only for the 1st band
- BitterSweet – Not possible to tweak the Output gain after unlinking it
- BitterSweet – Output gain not reloaded properly when the link is disabled
- BSPro – some modes are not accessible due to GUI issue
- Epure – macOS – Bad graphic scale initialization at 2&4FS
- Evo Channel – Meter reference is not saved
- Syrah – Crash when selecting preset “Static fast compression”
- TRAX Tr – When the link is activated, the Formant slider does not have the expected audio effect
- TRAX Tr – ProTools – Issue in AudioStudio when the modulation is enabled
- VerbSession/VerbSession Studio Session and BSPro StudioSession – Pyramix – VST crash when instantiated
- Verb/Verb Studio Session – Crash when reloading session having 2 instances

A.2.3 Known issues

- All plugins – VST – GUI issue in Izotope Ozone and RX
- All plugins – AAX – Preset manager – Default preset is not applied to parameters at plugin instantiation
- Elixir – Latency not properly compensated after changing stage parameters value in VST and AudioUnit
- TRAX tr – Learn function returning wrong values
- VerbV3 – HOA 3rd order not working properly

A.3 Build 21.12.0.50123 – All plugins except TRAX and StudioSession

Bug fixes

- All plugins AudioUnit – GUI issue with Hdpi displays on macOS Monterey
- All plugins VST – Plugin scan freeze in Wavelab 11 on Mac M1 machines
- All plugins VST – Crash in Adobe Audition on macOS
- All plugins VST macOS – Fix crashes with Ableton live
- Elixir – Automation is not read for toggle parameters.
- Elixir – Crash when clicking on the settings button on Session version
- Elixir – Several fixes on the UI
- Elixir – Windows AAX – Refresh issue with two instances in ProTools
- HEar – Bypass is working in AAX
- HEar AAX – Crash when doing offline bounce on macOS
- HEar AAX – Crash when editing the matrix on macOS
- HEar AAX – Stereo – Change on Matrix are not applied until we change the preset
- HEar AudioUnit – Ableton crashes when inserting a second instance

A.4 Build 21.11.0.50107 (HEar, IRCAM Verb)

NOTE: CURRENTLY NOT COMPLIANT WITH ABLETON LIVE MACOS

Improvement

- HEar – 5.1.4 & 5.0.4 now available

Bug fixes

- HEar – Fix meters refresh issue
- HEar – No verb on some presets
- HEar – Protools crashes when doing offline bounce on macOS

A.5 FLUX:: Immersive – Plugins (including IRCAM Tools) 21.09

This release includes updates for all FLUX::Immersive plugin processing products with the exception of EVO Channel, Epure, IRCAM Trax, Studio Session.

NOTE: CURRENTLY NOT COMPLIANT WITH ABLETON LIVE MACOS

Major optimizations

- Apple computers Big Sur (new M1 chips) AU validation
- Important updates to the Ircam Verb + Session
- Overall better handling of multichannel track setups such for Atmos. (Ircam Hear, Verb and more)

- Automatic detection of track format / channel order for DAWs when possible.

A.5.1 Build 21.9.0.50083

Bug fixes

- Apple computers Big Sur (new M1 chips) AU validation failing
- Empty GUI when close/reopen plugin – Windows 10 – UHD630 graphics
- AudioUnit in Reaper – do not process audio when offline bounce
- Default preset not loaded correctly on instantiation of Verb + Verb Session
- Evo.Channel on Retina – Input and Output Sliders badly scaled
- Incompatible AudioUnit issue in Apple Final Cut Pro
- Plugins: Recall Preset Flags (e.g. “All but setup”) recall always everything
- Preset Manager – UI issue with small plugins when a preset has been created
- Ircam Verb Session reload in VST with audio interruption
- VST Plugins Session not correctly reloaded if it integrate an IO configuration change
- Verb session – Dry/wet not applied in offline render
- Verb v3 Atmos crash on AAX
- Verb: AU validation failed on Apple M1
- Verb: LFE not disabled by default on ProTools
- Verb: Recall Preset may be not correct with double click inside the preset manager
- Verb: disabled channel is not re-injected according to dry/wet parameter (100 % wet means muted)
- Verb: init issue with Nuendo
- AAX – Some plugins – Crash on Mac / No GUI on Windows
- Overall reliability / stability fixes.
- Plugin size not correct
- Potential plugins crash when opening UI

A.6 FLUX:: Immersive – Plugins (including IRCAM Tools) 20.12

This major release includes updates for all FLUX::Immersive products with the exception of IRCAM Spat V3 legacy product. Please refer to Spat V3 – Spat Revolution crossgrade options.

Major optimizations

- HiDPI / Retina support + display enhancements and fixes
- Page Table unification for Avid Control, S1, S3, S4, S6 and S6L.
- OSC Control for plugins.
- IRCAM Verb support for Dolby Atmos, Multichannel support up to 16 channels
- IRCAM Hear – Multichannel stability improvement, Now up to 10 channels. (Dolby Atmos 7.1.2)
- IRCAM Tools – Audio I/O Matrix and Multichannel enhancement
- Most plugins support of 8 channel.
- 16 channel support for Bittersweet Pro, Evo In and Evo Channel

A.6.1 Build 20.12.0.49880

Bug fixes

Core:

- BSPPro – Latency report issue (AAX)

- IRCAM TRAX Tr – Latency report issue
- IRCAM Verb – Wrong initialization value for Reverb density
- IRCAM Verb -Dry signal still goes out in disabled channels when wet is 100%
- All Pure Dynamics PI + Alchemist – Wrong Thresholds initialization values
- AAX “monolithic” are broken like Hear, TRAX etc...
- Almost all AAX plugins don’t reload parameters from 47856 version session.
- Pure Limiter – Diff feature bypassed the input gain.
- Pure Limiter – Inverted sidechain filters.
- Any plugin except Evo Channel – Research Presets resets when click on a preset.
- Evo channel – Wrong values when reloading touch section.

UI:


- Current preset name disappear on re-opening GUI or session

A.7 Known Issues

- Wavelab “Sample rate not supported” when a plugin is inserted on a clip, track or output section.
- TRAX Tr – Learn frequencies display wrong values (AAX only).
- Hear – Internal config labels change when modify LFE input config from routing matrix.
- When using OSC on a plugin in Pro Tools, a chrash will occur if you change/move FX insert slots

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Documents / Resources

	<p>FLUX Immersive Studio Session Analyser [pdf] User Guide Immersive Studio Session Analyser, Immersive, Studio Session Analyser, Session Analyser, An alyser</p>
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References

- [User Manual](#)