Native Instruments TRAKTOR PRO 3 read me file

Contents

1. Introduction

1.1. General

This document provides last minute additions, known compatibility issues, and troubleshooting information to help you use TRAKTOR PRO.

1.2. Important notes for users updating from any versions of TRAKTOR

The TRAKTOR PRO 3 installer will create a dedicated user directory called TRAKTOR PRO 3.x.x, per default found in:

> `[User]\My Documents\Native Instruments` (Windows)
> …or…
> `[User]:Documents:Native Instruments` (macOS).

User settings and track collection from a previous installation are copied automatically.

1.3. System Requirements for TRAKTOR PRO 3.3.0

Computer and Operating System
- macOS 10.12, 10.13, 10.14, 10.15 (latest update), iTunes 12 (latest update), Intel Core i5, 4 GB RAM
- Windows 7, Windows 8, or Windows 10* version 1803 or later (64 Bit), Intel Core i5 or equivalent CPU, 4 GB RAM
  *) Windows versions below 1803 require separate installation of ASIO drivers

Supported Audio Formats

- MP3
- WAV
- AIFF
- Audio-CD
- FLAC
- Apple Lossless (macOS and Windows 10 only—see section 3. known issues)
- Ogg Vorbis
- Non-DRM AAC
- Stem (.stem.mp4)

General
- Monitor with 1280 x 800 screen resolution
- OpenGL version 2.1 or higher (for KONTROL S8, D2, S5 and S4MK3)
- USB 2.0 or higher
- 1.5 GB free disc space
- High-speed internet connection (for installation)

2. What's New in TRAKTOR PRO 3.3.0

TRAKTOR PRO 3.3.0 integrates Pioneer's XDJ-1000MK2 and XDJ-700 as well as the new DJM-V10 mixer. In addition, it comes with a comprehensive integration of the macOS Catalina Music app.

ADDED Pioneer XDJ-1000MK2 Integration
Plug and play integration of the XDJ-1000MK2 including full display support, RGB waveforms and all performance features.

ADDED Pioneer XDJ-700 Integration
Plug and play integration of the XDJ-700 including full display support and all performance features.

ADDED Pioneer DJM-V10 Integration
Plug and play integration of the DJM-V10 including automatic configuration of input and output channels.

ADDED Comprehensive iTunes/Music integration
Faster and deeper iTunes/Music integration via API, with the option to revert to XML based integration for legacy use cases.

ADDED Custom Mapping (over-mapping) for S3
The factory mapping of KONTROL S3 can now be customised like the mappings of S2MK3 and S4MK3.

FIXED Headroom not applied to preview deck in external mixing mode
The headroom setting is now also applied to the preview deck in external mixing mode.

FIXED Keyboard focus is on Main UI with Preference Window open
When you open the Preference window and press Enter or ESC it now correctly closes the window.

FIXED Scratch controlled deck loses Sync when loading new track
Loading new tracks into a scratch controlled playing and synched deck will continue to play in perfect sync.

FIXED S4MK3 Tempo Fader neutral zone too wide
The neutral zone around the center-point of the S4MK3 Tempo Fader is now as narrow as it was before.

FIXED Decks lose sync by moving the tempo fader on S4MK3

Synched decks are now locked against tempo changes via hardware, such as the S4MK3.

FIXED Some M4A files can't be played on Windows
All M4A files containing any kind of special characters in the file name can now be loaded and played on Windows.

FIXED Some iTunes playlists are not shown
All iTunes playlists are shown, including those which duplicate names of folders.

FIXED Crash when clicking on Music folder (Windows)
Traktor on Windows no longer crashes under certain circumstances when clicking on the Music folder.

FIXED TagLib related crash on Windows
With this fix we no longer observe TagLib related crashes on Windows and macOS.

FIXED Beat Phase output controller range incorrect
The Beat Phase output Controller Range now correctly shows [-0.5. .+0.5].

FIXED STEMS with inconsistent stem lengths not usable
STEM files will now analyse and play fine even with slightly different length of the individual stems.

FIXED Certain Tracks cannot be analysed
Files will no longer fail to analyse with the error: "Cannot execute BPM-detection due to missing transients! Please analyse first".

FIXED Star Rating not imported from iTunes/Music on first import
The iTunes/Music star rating is now instantly imported into Traktor on first import/play of the file.

FIXED Focused and unfocused Deck A letter not aligned
The Deck A letter of the focussed and unfocussed deck are now perfectly aligned.

3. Important Notes and Known Issues

3.1. Audio Files

When opening a sound file in TRAKTOR PRO, which contains more than one ID3 comment created by different applications, only the first one will be shown. After analysing the track or editing ID3 tags in TRAKTOR PRO, all comments except the first one will be lost.

3.2. Collection

In order to prevent changes of Beat Grids and BPM, the context menu option 'Enable BPM Lock' should be applied.
In case non-locked user grids have already been lost after analyzing, it is possible to recover the grid information by re-importing an older version of the collection.
macOS: Using the character '/' or any character between ASCII 0x00 to 0x1F in filenames or folder names causes the missing track message or empty folders in the browser.
Windows users must have iTunes or QuickTime installed in order to playback non-DRM AAC or M4A files in Traktor Pro.
Metadata sync with TRAKTOR DJ is no longer supported.

3.3. GUI

When moving the TRAKTOR PRO GUI to a secondary screen, the CPU load increases significantly.

3.4. Users of Retina Displays use Low Resolution Mode (macOS)

Traktor Pro is not optimised for retina displays and therefore always opens in Low Resolution mode for better performance.

3.5. Loop Recorder

Inaccurate phase sync of loop recorder causes flanging in some cases.

3.6. Preferences

When adding a MIDI controller, all MIDI output ports are activated by default. It is recommended to reconfigure the output port in the Controller Manager preferences for the corresponding device.
Preference option 'Global Settings/Miscellaneous/Fullscreen Resolution' has no effect.
For more info refer to this KB article: https://support.native-instruments.com/hc/en-us/articles/209570969-How-to-Set-Up-a-Generic-MIDI-Controller-in-TRAKTOR

3.6. ASIO Drivers for S4MK3 & S2MK3

During installation of Traktor Pro 3 on Windows, the installers for the S2MK3 and S4MK3 ASIO drivers are copied into the folder: C:\Program Files\Native Instruments\Traktor Pro 3\Drivers.
These drivers are not yet installed and you must manually install them by double-click. You can ignore the warning issued by the operating system during installation of the ASIO drivers.

3.7. Remix decks

Cruise Mode does not support Remix decks .
macOS comes with 256 as the default limit for the number of files open by a single process. When using 4 Remix decks and loading all cells in each Remix deck it is not possible to load samples anymore when this limit is reached. In order to increase the maximum number of open files add `ulimit -n 512` to your `~/.profile` or equivalent.

3.7. Stem Files Must Be Analyzed before Loading and playback

Due to the large amount of data that must be read from a Stem file, it is currently necessary that Stem files be analyzed before loading into a Stem Deck. It is not possible to load and play a Stem File before analysis is finished.

3.8. CPU Spike When Enabling Keylock

When enabling Keylock, you might experience a brief CPU spike. This spike is only temporary and CPU load will return to normal after Keylock has been activated. If you experience this problem, it is recommended that you enable Keylock before you perform.

3.9. ALAC Support Only for Windows 10 and macOS

Microsoft Windows 10 natively supports Apple Lossless Codec (ALAC) playback, thus restoring this functionality to Windows users. If you previously used ALAC files before QuickTime was deprecated, you can resume using ALAC files by upgrading Windows to version 10.

All supported macOS versions already contain an Apple lossless codec, which allows TRAKTOR PRO to play ALAC files.

3.10. Playback of M4A (AAC) Files Limited to 48kHz on Windows

The Microsoft Media Foundation supports playback of M4A (AAC) files, but only up to a maximum sample rate of 48kHz. Attempting to load AAC files with a sample rate higher than this (like 88.2kHz or 96kHz) will result in a file loading error.

3.11. Windows Upscaling

In order for the TRAKTOR PRO interface to display correctly on a Windows system, you must use the 'Aero' setting in the display preferences. Disabling Aero will prevent the upscaling from working.

3.12. Dell Backup and Recovery Software Will Cause TRAKTOR PRO to Crash

We have discovered that Dell Backup and Recovery software, often pre-installed on Dell and Alienware computers, causes a conflict with TRAKTOR PRO and other applications resulting in an 'ntdll.dll' crash. If you experience this crash when trying to launch TRAKTOR PRO, please uninstall the Dell Backup and Recovery software.

3.13. iTunes View Sort Order Not Published in iTunes library.xml (Windows)

Due to a change in iTunes 12, the selected sort view for playlists is no longer written into the iTunes library.xml, therefore TRAKTOR PRO can no longer reflect the selected sort order from iTunes when viewing the playlists in the iTunes node of the browser. If you want to view the iTunes playlist order in TRAKTOR PRO, please right-click on the playlist in iTunes and choose 'Copy to play order' from the pop-up menu.

4. Version History

3.2.1

- ADDED macOS 10.15 (Catalina) Compatibility
- ADDED Key highlight based on deck focus
- IMPROVED S4MK3: Tempo no longer limited to predefined range in
- FIXED Relocation and Collection Export not cancelable
- FIXED Dialogs interrupt keyboard control
- FIXED Folder contents imported to Collection in random order
- FIXED Improper handling of Unicode characters from iTunes
- FIXED Inline Search for Color not fully functional
- FIXED Loop Recorder capture too quiet when using "CUE" as source
- FIXED Loop Recorder continues to play audio when switching source
- FIXED Loops captured from track deck get truncated
- FIXED Deck size switching behaves different for Remix Decks
- FIXED Advanced Panel Toggle not functional on Deck B
- IMPROVED Accidental switch to EXT on playing decks interrupts audio
- FIXED LP/HP Filter has no functionality in TRAKTOR PRO 3 LE
- REMOVED iPod support

3.2.0

- ADDED Elastique 3.3.0 Time Stretching
- ADDED New Key Widget replacing former Key Lock button
- ADDED Semitone up/down key control in Key Widget
- ADDED Display of resulting key in Key Widget
- ADDED Display offset between resulting and original in key widget
- ADDED Optionally display resulting key in Deck Header
- ADDED Highlight for tracks matching the MASTER deck's key
- ADDED Option to personalise highlighting of key color in browser
- ADDED Quantised semitone up/down controls on S4MK3
- ADDED Display quantised resulting key on S4MK3
- ADDED S4MK3 headphone volume boost by +6dB
- FIXED Sync offset when changing key offset
- FIXED Engaging Key Lock does not reset Key Offset
- FIXED Disable key dropdown for locked tracks in Edit pane
- FIXED LE flavour always shows parallel waveforms
- FIXED Last visible layout overwrites first layout in list after restart
- FIXED Advanced panel visibility not recalled after restart
- FIXED Runtime crashes (Win)
- FIXED Runtime crashes (Mac)

3.1.1

- FIXED Crash when saving metadata to MP3 files with empty Artist and Title fields

3.1.0

- ADDED Parallel Waveforms
- ADDED Single Deck View
- ADDED Duplicate in Layout Manager
- ADDED Custom Mapping for S8 and D2
- ADDED Non-Destructive File Handling
- ADDED Tooltips in Preferences and a toggle icon in Global Section
- ADDED TagLib 1.11.1 Support
- IMPROVED Insert new track to analysis queue
- FIXED S4: Switching Jog Mode affects Tension
- FIXED S4: Haptic Nudges affect Sound during Forward Spins
- FIXED D2/S8: Sample Pitch Control Broken

3.0.2

- ADDED Custom Mapping for S4MK3 and S2MK3
- ADDED Touchless (CDJ) Mode for S4MK3
- ADDED Touchless (CDJ) Mode for S2MK3
- ADDED Fully Configurable Internal and External Mixer Modes
- ADDED Align S4MK3 Channel Meters to SW Meters
- ADDED S4MK3 Tempo Reset in TT Mode
- ADDED New Browser Column for "File Name"
- ADDED Updated S4MK3 Firmware Check
- IMPROVED S4MK3 Key Lock Screen Widget
- IMPROVED Readability of Search
- CHANGED Internal Mixer Headroom Default to -3dB
- FIXED Sync Offset when Enabling Key Lock
- FIXED S4MK3 Jog Touch Occasionally not Released
- FIXED Updated S2MK3 ASIO drivers
- FIXED Audio Artefacts when SHIFT+Nudging the Jog Wheel on S4MK3
- FIXED LED not following backspin on S4MK3
- FIXED Misleading Reset Visualisation on SYNCED deck
- FIXED Misleading Tempo Lock Visualisation in TT Mode
- FIXED Haptic Ticks when adjusting Tension
- FIXED Wrong Naming of Mixer FX in Preferences
- FIXED Typo in S4MK3 Preferences

3.0.1

- ADDED S4: Authentic Turntable Stop Behaviour
- ADDED S4: Haptic Cue Points
- ADDED S4: Shift+Browse for Tree Browsing
- FIXED Autogain reset when switching Mixer Mode
- FIXED Missing switch to Absolute Mode after successful DVS Calibration
- FIXED Meters don't work for Stem/Remix decks
- FIXED Track end warning flashing without track loaded
- FIXED S4: Skipping to HotCues results in offset in stopped TT Mode
- FIXED S4: Switching from halted TT mode to JOG mode starts
- FIXED S4: Crossfader badly calibrated in "Sharp" Mode
- FIXED S4: Improved Manual JOG Tension Adjust
- FIXED S2: Auto Config broken when installing ASIO driver
- FIXED S4+S2: Switch off GRID Led for Locked Tracks

3.0.0

- ADDED Fully Overhauled User Interface
- ADDED New Mixer Effects
- ADDED New Time Stretching (KeyLock)
- ADDED Additional Master Limiter
- ADDED Reverse Playback
- ADDED Professional Metering
- ADDED Master Control Panel
- ADDED Direct Access to Master Limiter
- ADDED "Scratch for All"
- ADDED 16 Step Live Pattern Recorder to S4
- ADDED Beat Grid displays Musical Bars
- ADDED S2MK3 Support
- ADDED S4MK3 Support
- IMPROVED Key Detection
- IMPROVED Headroom applied to Recorder
- IMPROVED Favorite no.1 (Preparation) no longer Excluded
- IMPROVED External MIDi vs. Ableton LINK Preselection
- IMPROVED New Panel for External MIDI Sync
- IMPROVED Renamed Latency to Buffer Size
- REMOVED WMA Support
- ADDED Warning for "Optimise Mac Storage"
- FIXED iTunes .xml related Crash
- FIXED Seamless Switching between all Effects
- FIXED Error in Harmonic Key Filtering
- FIXED Crash when opening multiple menus
- FIXED Ordering with AFPS file system

2.11.3

- ADDED Colored waveforms on CDJ-2000NXS2
- ADDED Colored stripes on CDJ-2000NXS2
- ADDED CDJ Display BeatJump Buttons
- ADDED CDJ Display Phase Meter
- ADDED Scratch Certification for 9 more DJ mixers
- ADDED CDJ-TOUR1 HID integration
- ADDED Sync Song info from iTunes
- REMOVED Keyboard Shortcuts for Loop Recorder
- ADDED Warning Message for High Sierra Storage Optimisation
- FIXED "Macintosh HD" not visible on High Sierra
- FIXED Crash when switching deck assignment
- FIXED Startup & Runtime Crashes with Jack ASIO 64-bit drivers
- FIXED Crash when switching deck type
- FIXED Consistency Check can't be cancelled
- FIXED Tree selection lost when connecting USB drive
- FIXED About missing in Windows Help Menu

2.11.2

- FIXED Links to Native Access
- FIXED Layout reset when upgrading via Native Access
- REMOVED Service Center from TRAKTOR PRO installer
- FIXED Color Selection not working in Explorer node
- FIXED Crash when switching decks in Edit Mode

2.11.1

- ADDED Color coding column in playlists
- FIXED Browser tree row height
- FIXED Saving Remix Sets
- FIXED "Collection Invalid" message
- REMOVED Legacy drivers from installer
- REMOVED Key Lock "ECO" Quality
- REMOVED Support for OS X Mavericks (10.9)
- REMOVED Support for 32bit Systems

2.11.0

New Features:
- New: Ableton Link Integration
- New: Step Sequencer for Remix Decks
- New: Pioneer CDJ-2000 NXS2 HID Integration
- New: Pioneer DJM-900 NXS2 Scratch Certification
- New: Allen & Heath PX5 Certification
-

Bugfixes:
* Fixed crash on shutdown on macOS
* Fixed FLAC file format related crashes
* Fixed: S2/S4 Mic Input default assignment
* Fixed: Sorting in Explorer node

2.10.3

New Features:
* New: Rane MP2014 Mixer Scratch Certified
* New: Warning on unsupported OS version
* New: Aux inputs on Z2 and S5 can now be freely assigned

Bugfixes:
* Fixed random crashes during runtime on Windows
* Fixed startup crashes on Windows when data CD/DVD in drive
* Fixed startup crashes on macOS related to iTunes library
* Fixed importing a specific Track Pack corrupts the collection
* Fixed truncated title and artist tag when analyzing WAV files
* Fixed sound, waveform and metronome from falling out of sync
* Fixed individual stems from falling out of sync
* Fixed missing or blurry waveform after loading into stopped deck
* Fixed audio crackles when Beat-Jumping
* Fixed remix cells being overwritten when Auto-Save is disabled
* Fixed Pitch Bend lock when nudging on X1MK2
* Fixed inability to delete selected text entries

2.10.2

Bug-fixes:
* Fixed crash when using accents in search
* Fixed crash when using special characters in search
* Fixed deletion of ID3 GENRE tag when analyzing
* Fixed 'Show in Explorer' functionality

2.10.1

New Features:
* Stem View now in TRAKTOR PRO software
* Upgraded beat and downbeat detection algorithm
* Improved key detection algorithm
* Additional browser font sizes
* Increased the maximum cover art size

Bugfixes:
- Fixed a hang/freeze during playback
- Fixed hang/freeze when importing a collection
- Fixed crash when changing root directory
- Fixed numerous Japanese character entry issues on Mac OS X
- Preview player starts from the load marker
- Timecode CD caused 'cue shift' in relative mode
- Second KONTROL F1 was not detected
- Triggering empty cell would not stop playing sample
- Previously-analyzed Stem Files couldn't be re-analyzed
- Fixed crash when loading Stem Files
- Load from preview player to deck only worked once
- Fixed a crash on shutdown
- Master tempo display would disappear on KONTROL S8
- Windows systems with Intel HD 3000 graphics adapters would crash when using KONTROL S8
- Fixed windows fullscreen problems with hi-res displays
- KONTROL S5 headphone cue mix was wrong

2.10.0

New Features:
- Support for KONTROL S5
- Aux input supports 2 stereo inputs

Bugfixes:
- Fixed an issue with legacy scratch certified devices.
- Fixed Remix deck tempo control on KONTROL S8 and D2
- Fixed TRAKTOR PRO freezes/hangs with certain WAV files

2.9.0

New Features:
- New Stem Deck flavor in TRAKTOR PRO
- Stem support for TRAKTOR KONTROL S8, D2 and F1
- Stem and Remix Deck sub-mix controls in Controller Manager
- Stem file management in browser
- Performance optimization for audio engine

Bugfixes:
- Preview Player loading via Controller Manager

2.8.1

Bugfixes:

- Fixed font issue on OS X
- TRAKTOR LE and TRAKTOR ME crashes fixed
- Fixed a few bugs related to preparation list icon

2.8.0

New Features:
- 64-Bit application architecture.
- Multi-processor thread handling improvement
- Automatic deck flavor switching
- Parallel audio analysis
- Support for TRAKTOR KONTROL D2
- Spin, scratch, and hold decks with S8/D2 touchstrip
- Beat Grid edit mode zoom on S8/D2
- Position-aware Beat Grid tempo adjustment on S8/D2
- KONTROL S8 and D2 MIDI Controls
- Pioneer CDJ-900nxs and XDJ-1000 integration
- Rane MP2015 Scratch Certification

Bugfixes and Improvements:
- Beta #2 (2.7.5) had a problem with FX routing modes—this issue has now been fixed.
- Beta #2 also had a problem with playback of long M4A (AAC) files in the 32-bit version of the application. This has been fixed.
- Beta #2 sometimes exhibited crackling when loading new tracks into decks. This version resolves this issue.
- Beta #2 could have high CPU spikes when used on some low-performance systems. We have made a change which prevents this.
- We fixed a problem where TRAKTOR PRO would unnecessarily update the tags of tracks which are in the Preparation List at startup.
- An issue was reported where TRAKTOR PRO could hang when accessing the explorer node of the browser tree. This issue has been fixed.
- At the same time, we also fixed an issue that could cause TRAKTOR PRO to crash when opening an archive folder containing over 2500 .nml files.
- We fixed an issue where TRAKTOR PRO would unnecessarily update all file tags when clicking on a playlist .nml in the explorer node of the browser tree.
- We also fixed an issue where TRAKTOR PRO would unnecessarily update file tags when deleting items from a playlist.
- We fixed the CPU Load spike that can sometimes occur when engaging Keylock or filter for the first time.
- There was a problem where you sometimes couldn't re-order tracks in a playlist without first clicking the '#' column twice and this has been fixed.

- The battery indicator in TRAKTOR PRO'S header was broken on some 64-bit systems and wouldn't show the battery level. This is now fixed.
- An improvement has been made to MP4 (AAC) audio handling on Windows which should remove crackling during playback of these file types.
- When adjusting the master clock tempo via the S8 or D2, we have removed the 'Hold BACK to Reset' text since this function wasn't valid for the master clock.
- This version contains a fix for some crashes on startup which were part of the first beta (2.7.4)
- There were also reports of crashes or hangs on shutdown on some Windows systems and we have made a fix for it.
- A bug was reported in 2.7.3 where a deck would stop when loading a track into the playing deck regardless of preference settings. This issue has now been fixed—loading a track into a playing track will leave the deck playing so you immediately hear the newly-loaded track.
- We also fixed an issue where jumping out of an active loop via a HotCue would disable the loop—the loop will now remain active when doing this just like in TRAKTOR PRO 2.6.8.
- Fixed a problem where memory corruption could occur when browsing and sorting the explorer node under very specific conditions with the S8 or D2.
- Lastly, we fixed two issues which occurred when making changes to tracks (such as changing the track rating) in the explorer node while that same track was already playing in a deck; doing so could result in the analyzed tempo being lost (causing the track to fall out of sync) or removal of the 'played' checkmarks from the track. These issues should no longer occur.
- CONTROLLER EDITOR upgraded to 1.8.0.262.

2.7.3

Bugfixes and Improvements:
- Platter cannot be selected in deck layout - Fixed.
- Limiter cannot be turned off - Fixed.
- Loops sound distorted with Keylock enabled - Fixed.
- Crash when sorting the browser list on S8 - Fixed.
- No cover-art shown in iTunes node - Fixed.
- Crash with advanced HID control - Fixed.

2.7.2

Bugfixes and Improvements:
- When scrolling in all remix sets folder on S8, the TPRO GUI will now follow
- 'Played' checkmark in explorer and iTunes node now available

- Faster sorting in iTunes node
- Slider 'on state brightness' / 'off state brightness' fixed
- iTunes library is now correctly sorted by import date
- iTunes and explorer sorting import date now works for months and days
- Sorting works for remix sets
- S8 TRAKTOR PRO buttons work after system sleep

2.7.1

New:
- Updated controller editor to version (1.7.2).
- S8 manuals are included into the installers.

Bugfixes and Improvements:
- Fixed issue that caused the 'LED off state' to be broken for TRAKTOR controllers.
- Fixed issue where adjusting the brightness state for the F1 turns dim pads off.
- Fixed issue where importing TSI settings from TRAKTOR PRO 2.6.8 caused high CPU load.

2.7.0

New:
- Support for the new TRAKTOR KONTROL S8 system controller.
- Freeze/slicer mode (native functionality for S8, mappable to any controller via the Controller Manager)

Bugfixes and Improvements:
- This version is now compatible with both MK1 and MK2 timecode records for all TRAKTOR SCRATCH PRO 2 owners.
- SYNC automatically enabled for Remix decks when launching TRAKTOR PRO.
- The full waveform to the left of the playhead in a track deck will now be rendered – eliminates blurry waveform when using HotCues or beat jumps.
- Beat ticks enabled in any decks are automatically turned off when quitting TRAKTOR PRO – prevents accidentally-enabled beat ticks on channel outputs in external mixer mode.
- When browsing through the iTunes node, you can now edit tracks which have been imported into the track collection.
- When browsing through the iTunes node, the full context (right-click) menu is now available for tracks which have been imported into the track collection.
- When browsing through the iTunes node, cover art is now shown for tracks which have been imported into the track collection.

- When browsing through the iTunes node, analyzed key is now shown for tracks which have been imported into the track collection.
- iTunes playlists now show cumulative time and disk usage in the status bar.
- TRAKTOR PRO now automatically chooses the newest iTunes library version if multiple versions (old and new) are found in the iTunes folder.
- Mix recorder level is no longer dependent on the main out volume.
- Undesirable filter sweep when enabling the Z filter on a channel is now fixed.
- Canceling the 'delete from collection' dialog still deleted the tracks from the collection – fixed.
- TRAKTOR PRO crashes when moving effects around in the pre-selected effects list – fixed.
- Fixed an issue with the ID3 'Year' tag when non-standard date formats were written by other programs.

2.6.8

- New controller editor 1.6.2.1863 now allows full MIDI mapping of KONTROL Z1, S2 MK2, S4 MK2 and X1 MK2
- This update fixes a crash caused by m4a files which contain cover art and were edited in version 2.6.6

2.6.7

- Fixed issue causing corrupted playlists when relocating tracks in version 2.6.6
- The fix required to fully disable metadata sync with TRAKTOR DJ

2.6.6

- Remix deck mappings for MASCHINE controller
- Fixed metadata sync with TRAKTOR DJ and iOS 7
- Fixed crash when selecting a custom root directory location

2.6.5

- Integration of TRAKTOR AUDIO 2 MK2
- Fixed loop recorder issues with EXT mode
- Fixed a crash when controlling Track Decks C and D with X1 MK2

2.6.4

Key Features:
- Integration of TRAKTOR KONTROL S2/S4 MK2

- Drastic reduction of cueing and looping latency when using CD Timecode MK2
- Added decks A+C as a valid deck selection for TRAKTOR KONTROL X1 MK2
- Override of factory mapping now also available for jogwheels of TRAKTOR KONTROL S2/S4

Analysis:
- Improved overall stability of track analysis
- Auto-gain value is no longer reset when locking a track
- Auto-gain knob in mixer and gain controls in browser do mutually update each other

Browser:
- Metadata sync with TRAKTOR DJ fixed for certain languages
- Selected track now remains visible when leaving browse view

Controller Manager:
- Release of keyboard command mapped to 'CMD+...' is now correctly triggered (Mac)

Decks:
- Improved stability when switching Remix deck to track deck
- Track deck now stops properly if option 'stop playback at end of track' is enabled

Timecode:
- New deck header warning reacting to persistent low timecode quality

TRAKTOR KONTROL X1 MK2:
- Increased the range of the bend sensitivity preference

2.6.3

- Integration of TRAKTOR KONTROL X1 MK2
- Metadata sync with TRAKTOR DJ and key detection are now also available in TRAKTOR LE 2
- Various fixes and improvements

2.6.2

Key Features:
- Integration of TRAKTOR KONTROL Z1
- Overall performance and stability improvements

Browser:

- Fixed text input for Japanese characters (Windows)

Controller Manager:
- Added controls for direct mapping of Remix deck cells
- Added controls for advanced Remix deck features: Reverse, quantize, cell load, cell delete and cell capture
- 'Invert' option now properly available for all control types

Decks:
- Timecode and deck related warning messages are now prominently displayed in the deck header
- Added Flux mode button to the transport section

Mixer:
- Removed mixer headroom setting for external mixer mode
- Headroom setting of TRAKTOR KONTROL Z2 no longer affects other devices

Timecode:
- Improved timecode reliability when using HotCues (all media)
- Improved resistance against record damage (Vinyl MK2)
- Improved tracking alert warning (Vinyl MK2)
- High input warning (CD all)
- Scroll-zone unresponsiveness fixed (CD MK2)

2.6.1

- Key detection
- Downbeat detection
- Collection metadata synchronization with TRAKTOR DJ
- Various fixes and improvements

2.6.0

Key Features:
- Integration of TRAKTOR KONTROL Z2
- Macro FX: 11 new 'combination effects' which are controllable from a single knob. When using the update installer of TRAKTOR PRO 2.6.0, the new macro FX can be added to the list of available FX by importing the following TSI: `[USER]/Documents/Native Instruments/TRAKTOR 2.6.0/Settings/Default Settings/Effects/Macro FX.tsi`

- Flux mode: allows various transport actions (jumping to HotCues, performing beat jumps, and creating loops) to be used while preserving the original progression of the track

Controller Manager:
- Factory map override: It's now possible to change the behavior of only specific controls in a hard-coded mapping (such as the KONTROL S4/S2 or Z2) by overriding their default behaviors. The option shows up in the 'mapping details' section of Controller Manager only when it's available.

Effects:
- FX units can now be configured for post-fader operation in internal mixing mode. For external mixing mode, the post-fader option will put the FX unit last in the signal chain before being output from the audio interface

Live Input Deck:
- Minor gain-staging adjustments for live input deck

Mixer:
- New 'Z ISO' EQ type which is full kill at the left end of knobs path
- New 'Z' filter type
- 'QuickSnap' behavior for the EQ and filter controls: Hold the SHIFT button on your hardware controller and move the EQ/filter knobs. The positions of the knobs in the software will not be updated until the SHIFT button is released. This allows for instantaneous EQ and filter cuts.
- New gain system with independent channel gain and auto-gain knobs. The button next to the gain knob is used to switch the view of the knob between gain and the auto-gain value for the track. When the button is blue, you're viewing the gain for the channel. Clicking the button to turn it orange makes the knob display the track's auto-gain level. Changes made to the auto-gain amount can be heard immediately and are automatically saved to the track. Channel gain can now be mapped to an absolute knob without worry of takeover issues. NOTE: if you've disabled the 'Set auto-gain when loading track' preference, then do not use the auto-gain view. Adjusting this knob while the preference is off will end up overwriting the track's auto-gain value.

Sync:
- A new transport preference preventing Remix decks from becoming tempo master
- New transport preference allowing only on-air decks to become tempo master. Turning preference off will no longer cause the tempo master to switch when manipulating mixer controls.

TRAKTOR KONTROL Z2:

- The deck focus select buttons (buttons C and A on the left side and buttons B and D on the right side, just above the HotCue pads) no longer require the use of the SHIFT key to enter the secondary mode. If a button is already on and lit solid, this indicates primary mode for the HotCue pads. Pressing the same button again will engage secondary mode for the pad, which can be seen by the button's backlight fading on and off. Pressing the same button again will revert the pads back to primary mode.

Third Party Controllers:
- Advanced HID support for the Pioneer CDJ-2000nexus (SLIP button being mapped to Flux mode)

2.5.1

Key Features:
- Pioneer CDJ Advanced HID display integration
- Browser (CDJ 900 / 2000)
- Cover Art (CDJ 2000)
- Stripe (CDJ 2000)
- Cue Points (CDJ 900 / 2000)

- Improved General CDJ Integration (CDJ400 / 900 / 2000 / MEP7000) in order to match original CDJ behavior
    - Play / cue button behavior
    - Loop In / out button behavior
    - Track search button behavior
    - Implemented CDJ mode

Analysis:
- Changing BPM range in preferences does no longer affect ongoing analysis job

Browser / Collection:
- FLAC year tag is now preserved when importing files to collection
- 'Select All' entry now available in context menu of playlists and folders
- Browser view switches back to source list after drag and drop
- Tracks can again be moved to playlists via drag and drop from deck into browser window
- M3U export now again exporting file names and paths
- 'Load previous' now again working in conjunction with preferences option 'only load into stopped deck'
- Remix set now displayed on top of contents list for faster loading via drag and drop
- Fixed saving of remix sets containing identically named samples

Controller Manager:
- Fixed modifier condition 'HotCue type'

Effects:
- FX snapshot no longer ignores first FX knob

Keylock:
- Keylock eco mode fixed
- Fixed crackling audio and syncing issues in conjunction with Keylock

Remix decks :
- New preference option for Remix decks 'one-shot samples ignore quantize mode'
- Drag and drop of remix sets now possible on entire area of Remix decks , including micro deck view
- Dragging a sample on waveform of sample deck now replaces the sample
- Fixed pre-listening of Remix decks

Timecode:
- Software HotCues and CDJ cue button can be seamlessly used side by side
- Dropping needle into lead-in now again jumps to start of track
- Improved drift prevention for relative vinyl timecode
- Random switching from absolute to relative timecode does not occur anymore
- Fixed cue point drifting for relative CD timecode

Track Decks:
- Tempo tapping precision and robustness (TAP) improved
- Synchronization no longer ignores second and following grid markers
- Fixed cue point inaccuracy visible in zoomed in waveform

TRAKTOR KONTROL F1:
- New preference option to swap F1 mute and stop behavior

TRAKTOR KONTROL S4/S2:
- Channel clip LED on S2/S4 now again working

2.5.0

Key Features:
- New Remix decks
- Integration of TRAKTOR KONTROL F1

- Remix sets can be exported to TRAKTOR Pak files for sharing and importing into other TRAKTOR systems

Analysis:
- Fully reworked tempo and beat detection
- Additional options dialog with predefined BPM ranges allows to customize the behavior of the analysis right before it is triggered
- Specialized BPM detection for loops, one-shots and files shorter than 20 seconds

Browser / Collection:
- Content of Remix deck can be saved and reloaded as remix set managed in the browser as a single entry
- Context menus in browser are now content type sensitive
- State of browser tree is recalled from previous session when starting TRAKTOR PRO
- iTunes node now can always be opened by ignoring corrupt entries in iTunes xml
- Select-all feature moved from double-click on tree node to context menu, to avoid conflicts with double-click opening of folders
- Search in browser now includes path name
- Importing another collection now preserves favorites
- History playlists now contain duration of played tracks
- Exported playlists now contain correct path information to the contained files
- Browser status bar shows correct information about search results
- Horizontal scrolling in browser using a trackpad improved

Controller Manager:
- Fully reworked structure and consolidated wording of mappable Controller Manager entries
- Controller Manager now suggests corresponding output for the selected input to facilitate mapping of LED's
- MIDI outputs (typically LED's) can now be learned by pressing the corresponding MIDI button
- Added 'slot play type' and 'slot trigger type' to the list of modifier conditions

Preferences:
- User defined input/output routings are new saved between sessions
- The control panels of TRAKTOR audio interfaces can now be opened without interrupting audio

Track Decks:
- Repeatedly duplicating the same track is now totally seamless

- Stripe display for high resolution displays fixed
- Auto loops size now follows manual loops size which allows to adjust manual loops with the auto loop controls.

Mixer:
- The channel filter curves have been shaped for smoother transitions around the neutral position

Timecode:
- Improved stability of MK2 timecode decoder
- Disabled processing of unused timecode decoders
- Timecode drift compensation and skip-less mode are now also working at 45 RPM
- Exiting timecode CD rescue mode by skipping to start of CD Track 2 fixed
- Synchro-start is now correctly applied when staring playback of a deck, which has previously been stopped by stopping the timecode record

TRAKTOR KONTROL S4/S2:
- S4/S2 sample slot functionality matched to Remix deck functionality

Third Party Controllers:
- Improved jogwheel and jog-light integration for Pioneer CDJ-2000, CDJ-900 and CDJ-400

2.1.3

- Free upgrade from TRAKTOR (SCRATCH) DUO 2 to TRAKTOR (SCRATCH) PRO 2
- TRAKTOR SCRATCH Certification for Pioneer DJM-850
- TRAKTOR READY devices Akiyama Pulsar and Tempus

2.1.2

- MIDI clock send/receive stability improved
- Cueing issues with CD Timecode fixed
- Track start position offset with timecode media fixed
- CUP instant mode with 'Quant' enabled fixed
- CUP instant mode for decks B/C/D fixed
- Built-in sound card fall-back fixed
- MIDI controls 'tempo sync', 'load loop play', 'load from list' and 'track end warning' fixed
- Drag and drop from preview player to deck fixed
- Timecode calibration routine improved
- TAP when working with beat grids fixed
- Reset deck controls for pitch fader fixed
- Issues when loading a missing sample to a sample slot fixed

- Issues with ASIO control panel for some 3rd party devices fixed

2.1.1

- Improved display of waveform
- Improved phase meter readability
- Improved cueing accuracy of CD timecode
- Decoupled tempo fader on GUI from scratch or tempo bend on hardware controllers
- Added new control 'jog turn' which replaces 'jog scratch + tempo bend'
- Improved Main Level Meter
- Fixed TRAKTOR sample rate matching core audio sample rate on Mac
- Added S2 hardware controls for filter, FX assign for sample decks, snap, quant
- Added S2 user mapping

2.1.0

- Support for TRAKTOR KONTROL S2
- Support for multi-core processors
- Keylock, FX enable and headphone cueing per sample slot
- Automatic jogwheel calibration for S4 and S2 jogwheels
- Added optional mixer headroom
- ID3 v2.3 compatibility
- Improved setup wizard
- Added option for disabling sample auto-save
- Showing jump size when hovering over stripe
- Fixed pitch bend behavior on stopped deck

2.0.3

- TRAKTOR Kontrol X1 sample deck integration
- FLAC file support fixed
- Performance improvements
- Startup crashes on PC due to sample rate settings of WDM drivers fixed
- Stripe and transient files are now deleted if a track is deleted from collection
- Fixed behavior of effects Reverb and Tape Delay
- Improved compatibility for m3u import
- CD timecode scroll zone behavior fixed
- Selected device is now recalled in Controller Manager

2.0.2

- Improved performance when scratching with timecode

- Smoothing of BPM display when using timecode
- Alternate font selection in TRAKTOR Duo 2
- Pitch faders enabled in TRAKTOR LE 2

2.0.1

- Configurable sync modes (beat sync and tempo sync)
- Mute button for sample slots
- Tempo reset button in relative timecode
- Sync button dimmed when deck phase is offset from master phase
- Seamlessly placing tonearm back onto record after it played into endless groove
- Input level meters, swap, and reset buttons in audio setup preferences
- Input splitting - multiple decks can share the same external input
- New mappable controller 'tempo sync' which syncs without phase skip
- Assignable X-Fader in TRAKTOR Duo 2
- Improved jog wheel seeking and cueing for a stopped deck
- S4 jog wheel quick calibration
- Option for disabling the jog wheel push

2.0.0

- New 'TruWave' high-res, continuously zoomable, colored waveforms
- New deck flavor 'sample deck' for loops and one-shot samples with 4 synchronized sample slots each
- New live 'loop recorder', recording any internal channel, master out or live input, including overdub (Pro versions only)
- SoftSync for synchronizing timecode decks without affecting scratching and pitch bends
- 4 New effects: Auto Bouncer, bouncer, tape Delay, and ramp delay effects
- Refined, darkened user interface with additional deck sizes
- Output merging - multiple decks can be routed to a single stereo output
- Icon in history playlist to identify tracks which have been played live
- Deleting tracks from archived playlists is now a possible option for disabling the automatic assignment of the grid marker to a HotCue
- Re-worked platter view and timecode scopes with minimized quality meters
- Customizable beat-grid appearance
- Timecode assignment to decks has been merged with input routing
- Overview stripes are no longer duplicated into files

5.   Software Updates

TRAKTOR PRO is a powerful and complex piece of software which is constantly being improved by Native Instruments. For optimal performance and additional features please make sure that you always use the latest version of TRAKTOR PRO. Start the application NATIVE ACCESS which can be found in the Native Instruments program folder to get all updates for your registered NI products. The TRAKTOR PRO Help menu contains a direct link to the download page.

6.   Contact

For more information about this or other Native Instruments products please visit the NI website: `www.native-instruments.com` or contact NI at: `info@native-instruments.com`

Enjoy the power of TRAKTOR!

Your Native Instruments Team