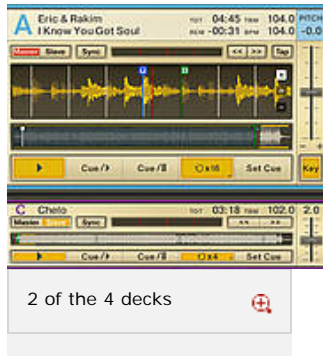


# TRAKTOR 3

The third generation of TRAKTOR takes a gigantic technological leap forwards. Numerous new and innovative features and improvements all make mixing a lot easier and more creative.

**The most important new features:**

## Four Decks



Four decks offer new creative freedoms: Mix up to four tracks simultaneously or drop in extra loops - and everything remains tempo synchronized. Fattening tracks up with additional drum loops, sound effects or atmospheres as well as the complete de- and reconstruction of tracks is now easier than ever. TRAKTOR 3 permanently blurs the line between DJing, remixing and live composition.

And if you combine TRAKTOR 3 with the **TRAKTOR SCRATCH** system, you can control all four software decks manually with your turntables or CD decks. The combination of TRAKTOR 3 and TRAKTOR SCRATCH simply makes up the most complete DJ solution in the industry!

## Cause And Effect



Included in TRAKTOR 3 are five innovative, tempo-synched DJ-effects: Delay, Reverb, Flanger, Beatmasher and LFO-assignable filters.

The effects can be inserted into each channel individually, used as a master effect or even in combination with external mixers to process signals from the soundcard inputs!

The unique Beatmasher tool allows soft as well as radical manipulations of loops within your tracks – delivering as much mayhem as you need.

## Integrated Beatport Music Download Store



Visit the [Beatport.com](http://Beatport.com) online music store from within the TRAKTOR 3 database browser. Search, pre-listen and purchase the latest club music in various digital formats from the leading dance music online

store and download it directly into the TRAKTOR database – even during your set. Within seconds the hottest new tracks are in your library and ready to be mixed. Buying and mixing tracks are seamlessly combined in a single application for the first time ever!

Access is easy: Just go online and select "Beatport" in the TRAKTOR Track-Browser – immediately the Beatport website appears in the TRAKTOR database window – no need to use any other browser.

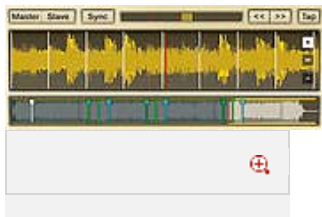
**Professional 4-channel DJ Mixer emulation**



The heart of TRAKTOR 3 is an excellent emulation of the ground-breaking **Allen&Heath Xone:92™** 4-channel club mixer. In direct cooperation with Allen&Heath nearly all the features and the sonic properties of this mixer have been implemented in the software.

The TRAKTOR mixer offers a customizable crossfader curve, excellent EQs and cross-fader assignable filters, pre- and post-EQ monitoring, LFOs and so much more. Additionally, the Xone:92™ equalizer can be swapped with two other equalizers offering features and sonic characteristics. Alternatively, all four channels can be used to process external signals from the soundcard.

**Interactive Waveform Displays**



Pioneering mouse modes turn TRAKTOR 3's waveform displays into advanced control surfaces, offering DJs unparalleled interaction with the track. The pointer snaps to beats and cue-points, while the zoom level can be simultaneously adjusted with the scroll wheel.

Jump from one part of the track to another directly from within the waveform or use the Search Loop feature to easily find the desired part of a track - and all without slipping out of time.

**Database**

TRAKTOR's extensive database functions make it easy to manage your music. Use the Quick Search features to instantly find the track you are looking for or just browse through your entire library. 'Bookmarks' enable fast access to 12 of your favourite folders. Pre-listen tracks directly in the database or your playlist and then load them into a deck with a simple click. Or access the Beatport website from within the TRAKTOR browser and download new tracks.



Versatile track database



## Dynamic Control Surfaces



Details section with 4 sub pages



TRAKTOR 3's dynamic interface automatically adapts to every situation. The TRAKTOR interface is fully modular and resizable, so it can be customized to suit various needs and applications. Maximize the browser to find a track, minimize it when mixing in the next. Hide effects or the entire mixer when using an external controller. Shortcuts can be assigned to switch between customized views and setups on-the-fly.

Advanced features and expert functions are displayed in a separate details section. The Message Window provides helpful information on all functions as you are using them.

## Recording

Record a set, edit it and re-mix sections at a later date and then export it to an audio file – all with the patented, non-destructive TRAKTOR Native Mix technology. The History function automatically notes which tracks you played when in your set.

Additionally, you can record signals on the fly from the audio inputs, load them into a deck and mix them back into your set.

## MIDI control

The convenient MIDI implementation supports multiple MIDI interfaces and controllers and makes it totally easy to assign the various knobs, buttons and faders. MIDI configurations for a particular controller can be stored and exchanged with other users. Or use keyboard shortcuts to control certain functions.

## Working with TRAKTOR SCRATCH and AUDIO 8 DJ

The new TRAKTOR 3.3 update now guarantees full compatibility with the **TRAKTOR SCRATCH** DJ system, meaning all four TRAKTOR decks are fully controllable using vinyl or CD decks!

TRAKTOR 3 is also ideal in combination with **AUDIO 8 DJ**- the audio interface designed especially for DJs spinning digital. Hook up all four TRAKTOR 3 decks to an external mixer using AUDIO 8 DJ or add MIDI controllers, mics or other hardware in to the mix.

## Decks

- 4 fully-featured playback decks available including an optional 2 deck mode
- 6 Hot Cues & 6 Beat Jump buttons per track
- Independent editing of loop start & loop end
- Extended control panels for looping and cueing functions
- Improved tempo editing and Beat Grid editing panels

## Mixer

- Fully featured 4-channel mixer featuring perfectly emulated Allen & Heath™'s Xone:92™ 4-band EQs and filters
- Internal effects usable in combination with external DJ Mixer
- Recording of TRAKTOR master signal or of any of the soundcard inputs
- Exchangeable EQ section featuring a total of 4 emulations of typical EQ characteristics.
- Optional live audio input on each channel
- Post and pre-EQ monitoring
- Pre-listening of effects on each channel & master
- Individually controllable master, monitor, booth and recording outputs with built-in 3-band limiter

## Effects

- Professional tempo-synced effects created by NI's leading sound designers:
- Delay featuring: Time, Freeze, Centre, Width

- Reverb featuring: Mutable Input, Modulation, Impulse
- Flanger featuring: Speed, Centre, Depth, Impulse
- Beatmasher Inverter to radically edit beats
- Xone: 92 filter emulation
- 8 pole Filters with independent control over low and high cutoff frequency

#### **Beatport Integration**

- Integrated access to Beatport.com from within the TRAKTOR browser
- Pre-listening Beatport content with TRAKTOR's internal Preview Player
- Download manager for multiple downloads
- Access to all other Beatport functions via integrated web browser functionality

#### **Versatile Master Clock Concept**

- Central master clock with pitch & pitch bend controls
- Master clock can be tapped and subsequently fine tuned to synchronize to analog audio sources
- Universal master concept allowing each deck to be the master
- Slave function synchronizes a deck to tempo variations controlled by the master
- Synchronization of tempo & phase or of phase only
- Audible Master Tick for fine tuning cue points and the beat grid via headphones

#### **Browser / Track Database**

- New search feature "Search by category": Type a phrase, then select where to search (album, artists, label etc.)
- "Show All" buttons in most list fields allows to find all tracks sharing the same Artist, Label, BPM etc.
- Undo functionality steps backward through the playlists you had previously opened.
- Shows number of contained tracks beneath folder names in tree window
- Categories in the list window can be sorted by drag & drop and hidden via context menu
- Sorting by icon column allows swapping of playlists
- Task bar with 10 targets can be used for sorting tracks into playlists or as always visible shortcuts to any target in the browser tree
- Time stamped collection backups for increased data security

#### **User Interface**

- Resizable GUI adapts to all screen layouts and screen resolutions
- 10 user definable screensets controllable via keyboard
- Mixer controls can be individually hidden allowing more space for the waveform displays
- Decks can be minimized allowing an extended browser view
- Function blocks in the Details Section can be freely arranged on four pages
- The progress bar in the bottom right corner informs you of processes running in the background.
- General workflow improvements for nearly all relevant function groups

#### **Architecture**

- Background analysis of tracks. Higher priority for tracks loaded into the decks.
- A progress bar shows the degree of completion of tasks running in the background
- The software can be used without interruption while dialog boxes are open (modal dialogs)
- A Message Window provides information about running processes without interrupting control of the software
- The Message Window also displays useful tool tips for the function currently being used

#### **Advanced Mouse Control**

- Mouse over highlights for all GUI elements
- Each knob and fader has incremental zones (+/-) with adjustable step size and mouse scroll wheel support.
- Two mouse-button support for incrementing and decrementing on the same area/part of a knob
- Knobs and faders can be momentarily decoupled from their parameter via right click, for triggering sweeps of pre-selected amounts -> select a value without audible changes, then activate new value
- Use tempo-quantized jumps to browse through the track overview stripe without drifting out of time (numerically displayed in bars) -> Move the mouse in the waveform to jump forward or backward without losing the groove
- When hovering over the waveform the mouse pointer snaps to full beats and cue points.
- The zoom factor of the waveform is controllable with the mouse scroll wheel.
- Mouse scratch transmission scales with the selected zoom factor
- Stutter Mode repeats the clicked position of the song, dragging the mouse allows to fine tune the position of the loop, releasing the mouse sets a cue point.
- In addition to pitch bending, beat offsets can be corrected by adjusting the phase between the beats with a slider

#### **MIDI / Hotkey Setup**

- Restructured MIDI / Hotkey setup dialog hiding non-assigned functions for better overview
- Supports MIDI output for controlling MIDI LEDs
- Duplicate function allows to clone assignments
- Supports more than one MIDI device
- Supports more than one controller per function
- Supports more than one function per controller

- Remote controllable MIDI pages allow assigning a single device to different channels/decks or can be used to implement a set of different functions for a specific subset of buttons or knobs
- The size of increments can be customized for individual, incremental control
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