V7.0 FAQ – USAGE:

- **Q#01: using the MixerFX superknob doesn't change mixerFX**
  Please open the preferences dialog at least once.
  Background info: the only way to change MixerFX is to change them at the preferences dialog. Thus, BOME sends mouse commands to that window. Sadly this is only supported in Windows.
  A MIDI command was requested to traktor but never delivered. Please comment in this thread:
  https://www.native-instruments.com/forum/threads/tp3-mixerfx-access-to-all-8-1-effects-via-midi-mapping.346795/

- **Q#02: using the MixerFX superknob opens the preferences dialog**
  Workaround: please manually move it off screen with the mouse.
  Please see FAQ #1 for more info

- **Q#03: MixerFX superknobs are not supported in MacOS**
  BOME only supports sending mouse clicks to specific windows in Windows. In MacOS this could be achieved using AppleScript.
  If you have experience in AppleScript, please contact me at pedro.estrela@gmail.com and I will gladly offer you the mapping.
  Please see FAQ #1 for more info

- **Q#04: Some pads have no color until I press them**
  This is an annoying bug of Traktor. Try pressing the pads and press shift+quantize to reset the leds. After they are activated the first time they have their color just fine

- **Q#05: TimeStamps are missing from decks 1&2**
  Ensure you have two virtual BOME devices.
  Then ensure that the Denon HC4500 map is pointing to BMT2.
  Do NOT delete the denon HC4500 map ☺!

  All this is explained in the revised BOME installation guide

- **Q#06: TimeStamps are missing from decks 3&4**
  This is a limitation of Denon DN-HC4500 mapping that this mapping depends on.
  A low-accuracy workaround will be released later

- **Q#07: The BPM and Percentage values are very close, but not exactly the same, of what it displayed on the laptop screen.**
  Reason: Traktor lacks high-resolution MIDI out messages. Even so, a trick was already implemented to improve accuracy 10x times (compared to a naive mapping).

- **Q#08: Sometimes after restarting BOME/Traktor there is no LED output at all. But everything else works**
  The best way is to start all components in a known sequence: #0 USB cable ON; #1 laptop ON; #2 DDJ ON; #3 BOME ON; #4 Traktor ON

- **Q#09: Small loops (1/2, 1/4, etc) are displayed as "zero".**
  Loops and jump sizes are displayed on the minutes/seconds digits; this cannot represent fractions smaller than one.

- **Q#10: Pressing the "autoloop" button is no longer immediate**
  This is required for yhe a side effect of having "long press" gesture support. Creating a loop is done when you release the button, and activate a loop when you hold for a small moment.

- **Q#11: Pressing "pause" buttons is no longer immediate**
  This is a side effect of supporting Turntable FX. In Traktor the deck must continue playing so that the effect is actually heard, so pressing pause only schedules the command for later execution. The simplest workaround is to use the large CUE button instead.

- **Q#12: The mapping runs slow in my old laptop; the needle is jerky and the buttons are not immediate**
  Some buttons are non-immediate by design. Please see FAQ #10 and FAQ #11.

  The needle being jerky is a sign you have an old laptop.
  To improve performance proceed as follows:
  - Lower the needle clock frequency. To do this please edit rule #0_#5 in the bome project, and change variable "hy" to be 20, 50 or even 100. Restart everything.
  - Disable deck 3 and 4 processing. To do this please disable the presets labelled "CH3" and "CH4". These are rules #53 to #74. Restart everything.

FAQ - INSTALLATION:

- **Q#21: How do I install this mapping?**
  First confirm that Rekordbox runs OK in your system. Then you need to install a settings file for BOME and two mapping files - one for BOME, another for Traktor.

  The installation folder has a PDF with step by step instructions. Do not skip an step (download)
  There is also a step-by-step installation video: https://youtu.be/MbGP_ECnWiQ

  The most common error is to manually configure Traktor with either "DDJ-1000", "DDJ-SX2" or "all devices". Do not do this. Instead, configure it with "Bome MIDI translator 1"
  Second, v7.0 now requires 2x virtual midi devices. This is different from v6.8. Please see FAQ #05.

- **Q#22: Does this mapping work on a Mac?**
  Yes. On the BOME installation guide I show exactly wat is different for Mac and for Windows.
  In particular the macs need a security enable, and the audio device start at zero instead of one.

- **Q#23: What is the minimum setup to <u>TRY</u> THIS MAPPING <u>FOR FREE</u>?**
  Just download the demo versions for Traktor Pro 3.3 (download), trial version of BOME Pro 1.8.4 (download), and free mapping v6.8 (download).
  Everything will work perfectly for 20 minutes.

- **Q#24: I don't want spend any money at all. Can I still benefit from this mapping?**
  Yes. Very old version V6.3.3 is free and doesn't require BOME.

- **Q#25: When the BOME Demo stops, does the audio stop as well?**
  No. BOME is a "man-in-the-middle" for the controls / screens. The audio path is direct.
  When BOME stops, you just need to restart it. If you are in a mix, please use your mouse temporarily.

- **Q#26: Are Waveforms, Artwork and Cue scope supported?**
  MIDI mapping screens do not have these features; it only displays numbers and the needle position. This is the same as DJayPro ([demo](#)). It is also similar to the Serato DDJ-1000SRT screens ([demo](#)).
  Waveforms and pictures would only be possible with HID mode. This is what Virtual DJ reverse-engineered ([demo](#)).

- **Q#27: Can I use this with an X1? With other Traktor mappings? With other DDJ-1000/DDJ-SX2 customizations?**
  YES. Just add the pages of your controllers to the controller manager as normal. If its DDJ-1000/SX2 modifications, point them to BMT1 as well.

FAQ - GENERAL QUESTIONS:

- **Q#31: What DDJ-1000/SZ/SX3 Hardware effects can be used for Traktor sources?**
  The pioneer built-in effects - the ones on the lower right corner of the mixer - are only applied to Traktor music on the Master channel. For per-channel selection, they are replaced by Traktor internal effects. Only the external line-in inputs (eg Turntables, CDJs, Audio6) will have pioneer effects per-channel.

  As such, an effort was made to match the effects style where possible. In some cases these effects are not available at all in Traktor (example: Mobius / EnigmaJet). In those cases, the only way is to use the Master channel.
  See also the blog post that compares the original 1000 with the 1000SRT
  More info: see 21:20 of the [main support video](#)

- **Q#32: How do I set the controller to forced MIDI mode?**
  The device switches automatically between MIDI and HID mode if rekordbox is running. But this setting could be useful in troubleshooting. Please see page 26 of the DDJ-1000 manual for the process (similar for SX2/SZ/etc).
  In short: no USB cable, power off, left Play + Shift+Turn on, left Slip Reverse ON for MIDI mode.

- **Q#33: Can I use 2x Traktor instances simultaneously, one for each laptop?**
  In Rekordbox there are extra provisions to the channels to be fully independent. This is NOT the case in MIDI mode (eg, 2x Traktor, or 1x Traktor and 1x DJayPro, etc). This means that users must be carefull to use ONLY their assigned channels, otherwise you will affect your friend's channels. With this care, its perfectly doable to do back-to-backs.
  More info: see 23:50 of the [main support video](#).

- **Q#34: I have problems with the CUE mix and/or CUE volume. It changes to a set value when I press headphone cue or volume.**

Use shift+memory+cue_1 to toggle monitor cue types.

If you are using your DDJ-1000 sound card, then use the default: **external monitor cue**. This is the case when the controller can mix external sources, which is the case for all 4x channel DDJs, and recent 2x channel DDJs. For this to happen, the Mixer has its own hardware functions to control the headphone monitoring. In this case the mapping sets these internal traktor values to fixed values

If you are using another soundcard like an Audio 6/Internal laptop soundcard, or you are using older 2-channel DDJ devices, then use **internal monitor cue**. This will enable to change the internal cue monitor inside traktor. Note: this setting is unrelated to Traktor internal/external configuration mode.

- **Q#35: Why is function "X" or button "Y" not the same as Rekordbox? Not the same as what is printed on the device?**
  The idea is to create a mapping that matches the Traktor workflow better - at least as I understand it. This means, for example, a second shift layer and a lot more effects like JogFX.
  Your welcome to send your feedback with your comments; these will be addressed on the next version of the mapping.

- **Q#36: I'm missing feature "X" in MIDI mode which is supported in HID mode (Rekordbox, VirtualDJ).**
  This is a MIDI mapping. I can ONLY map the features that Pioneer included in the firmware for MIDI mode. The list is the very last table of this pdf. Other features are simply not possible in MIDI mode until Pioneer upgrades the firmware.
  As such please create a support ticket yourself here requesting these missing features. Examples for DDJ-1000 are a) showing "sync" led b) jog ring multiple brightness c) showing tempo range besides only the percentage. For the DDJ-1000SRT, the issue is supporting jog screens at all. To ask for it, please comment here.
  (Note: the pioneer forum works better with the Bing browser, with clean cookies, and without AddBlockPlus)

FAQ – TRAKTOR VS OTHER SOFTWARES:

- **Q#40: What do Traktor does better than Rekordbox? AKA "why did you made all this work"?**
  As of 2020, all DJ software are essentially the same for basic DJing. The difference is on the advanced features.

  Traktor has unique features that I depend on. These are #1) the JogFX chains on the jogwheel and 16x Superknobs (requires advanced MDI mapping), #2) the ability to organize files only by OS folders without a single DJ playlist (requires mass relocate of renamed files), #3) having a search box on the explorer node (to see directly your OS folders) and #4) hot cues move the temporary cue as well.

  A longer blog post on this is here

- **Q#41: This mapping sounds too good to be true. What is the catch moving away from Rekordbox to Traktor?**
  As Traktor source code is closed, some features are impossible in MIDI mapping.
  The biggest caveats are missing jog waveforms and slower scratching. On a functional level you will also lose plug and play, and for any serious use you will need a one-time BOME license (60 eur).

  Personally I think the benefits far far outweigh the issues.
  - I'm **not** a turntablist and my laptop is fast enough, so scratching is good enough.

- The waveforms look great, but the SRT-like screens have all the crucial info.
- Installation is complex, that's why I've made a 61-page step-by-step installation guide.

A longer blog post about scratching is here.