

## FAQ - latest V7.X SPECIFIC QUESTIONS:

- **Q#01a: Which DDJ-1000 mapping version should I choose?**

V7.4 is the best version, with the most features by far. It requires BOME. It supports jog screens. This is a paid version. Waveforms are impossible to be supported.

V6.3.3 is free. It is complete – you will make any party with it – but it lacks jog screens and dozens of advanced features. On the plus side it doesn't need BOME (a 60eur cost).

Second, the zip on the the DJtechtols site is a **demo for v7.4**. This demo has all features, but for deck A only. The zip file also contains the old free version as well.

Third, all the BOME versions are complex to install. The solution is a step-by-step the installation guide + video.

- **Q#01b: Which version should I choose for SX2, SZ, SRT, etc?**

All SX2/SZ/SRT mappings are free. The difference is if they require BOME.

V6.7 is the best version. It has more features. It requires BOME. BOME can be tested for free.

V6.1 is older. It has less features. It doesn't need BOME.

- **Q#01c: Which version should I choose for XDJ-XZ?**

Both versions for the XDJ-XZ are free. The difference is if they require BOME.

The BOME version has jog screens. These screens are very basic – Pioneer did not implement more. It only has needle and cue marker.

The non-bome version lacks jog screens completely.

- **Q#02: This mapping is huge. How can I learn it? What documentation is there available?**

Please check all pdfs in the zip file. You have hundreds of pages ranging from summary overviews to extremely detailed tables.

You also have installation and usage videos: <https://www.youtube.com/user/djestrela2/playlists>

- **Q#03: What can I configure on this mapping?**

UPDATE MARCH 2021: All configurations can now be done on the pads (mode hotcue, page 2)

The mapping has several special features.

All advanced features are these are shipped **disabled** by default to avoid confusing users.

This is how you can enable/disable them:

- Shift+memory+sound\_color: **Filter superknobs**

- Left side has different effect than right side
  - Knob 3 controls macroFX on deck 1; Knob 4 controls macroFX on deck 2.
- Shift+memory+pause: **Turntable FX**
  - Hear the turntable stopping. Deck A and B only. Also introduces a lag on pause.
- Shift+memory+tempo\_range: **Tempo enlarger**
  - Reaching the fader edge raises the tempo range automatically.
  - Crossing “zero” sets the tempo range to 6%
- Shift+memory+deck\_select: **Auto layout**
  - Opens and closes decks 3&4 automatically. Use in small screens.
- Shift+memory+sync: **Syncaid**
  - Pitch bend disables sync; Cue enables sync
  - (this is to use with beatSync instead of TempoSync)
- Shift+memory+monitor\_cue: **External cue**
  - Enables traktor internal cue mix and volume
  - Turn on when using another soundcard (internal or audio6)

This is a different configuration where you select a specific value:

- Shift+memory+turn\_browser: **bome clock**
  - Tune the mapping CPU requirements.
  - Low values=Smooth needle / powerful CPUs.
  - High values = jerky needle / old CPUs.

- **Q#04: How can I reset the mapping? Can I restart BOME? Can I swap the USB cable?**

To reset the mapping use “shift+quantize”. This takes some seconds and enables to synchronize all elements (traktor, bome, DDJ).

Use this if you have weird behavior like no Leds, the needle does not turn, or Leds do not match the traktor GUI.

You can restart BOME at any time.

You can also restart the DDJ or swap the USB cable at any time. In that case you need to restart BOME on the bug red button on the upper right corner. See slide 57 of the installation guide.

The best case is to start the components in a specific sequence:

USB cable ON => laptop ON => DDJ ON => BOME ON => Traktor ON

- **Q#05: is anything missing? Namely in decks 3&4? In the mac version? In MIDI mode?**

This is a 4 decks mapping. You will be able to play 4 decks without any problem.

However, some versions may lack some minor features.

Decks 3&4 lack:

- Timestamps (but the rest of the jog screen is there)
- padFX (but rolls are there)
- macroFX (but mixerFX is there)

Mac version lacks:

- Accessing all 9x mixerFX (can only choose 4x from 9x)

MIDI mode overall lacks:

- Waveforms and low-latency scratching (this requires HID instead)

- **Q#11: MixerFX superknob are not working on Windows**

This feature is not supported in macOS yet (see FAQ #3).

In Windows it is supported, but you need to open the preferences window at least once and keep it open.

More info: [see this thread on the Traktor forum](#).

- **Q#12: using the MixerFX superknob opens the preferences dialog in the middle of the screen**

**Workaround:** keep it open, and manually move it off screen with the mouse.

**To disable it completely:** use “shift+memory+soundcolorFX”

**Explanation:** This feature is required to use all 9x mixerFX at any moment.

Regular traktor only allows selecting 4x out of these 9x mixerFX.

**More info: see FAQ #11**

- **Q#13: MixerFX superknobs are not supported in MacOS**

**Q#13: the bome log shows "injecting mouse events is not supported on this OS"**

BOME only supports sending mouse clicks to specific windows in Windows ([source](#)). In MacOS this could be achieved [using AppleScript](#).

If you have experience in AppleScript, please try adding this feature to [this simpler mapping](#) yourself. Also contact me at [pedro.estrela@gmail.com](mailto:pedro.estrela@gmail.com) and I will gladly offer you the mapping.

**More info: see FAQ #11**

- **Q#14: 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#15: TimeStamps are missing from decks A&B**

Ensure you have two virtual BOME devices in the BOME settings.

Then ensure that the Denon HC4500 map is pointing to BMT2.

Do NOT delete the denon HC4500 map 😊!

All these steps are explained in the latest BOME installation guide, updated for v7.

- **Q#15b: Why there is a Denon HC-4500 map? Can I delete this?**

Do NOT delete the denon HC4500 map 😊! This is a trick to get high accuracy timestamps.

Please see the previous question

- **Q#16: TimeStamps work in deck A&B, but are missing from decks C&D**

This is a limitation of Denon DN-HC4500 mapping that this mapping depends on.

A low-accuracy workaround will be released later.

- **Q#17: 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#18: 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#19: Small loops (1/2, 1/4, etc) are displayed as "zero" on the jog screen.**

Loops and jump sizes are displayed on the minutes/seconds digits;

this cannot represent fractions smaller than one.

- **Q#20: Pressing the “autoloop” has a small delay**

This is required for the “long press” gestures.

Creating a loop now happens when RELEASE the button. Previously, this happened when you PRESSED it.

On the other hand, pressing and holding now activates a loop.

- **Q#21: Pressing “pause” has a small delay**

This required for the Turntable Effect. In Traktor, the only way to hear Effects is to keep the deck playing. As such, pressing “pause” adds a small delay on purpose to hear the effect. Pressing the big CUE button does not have this delay.

**To disable this feature:** press “shift+memory+pause” to toggle TTFX between enabled/disabled.

- **Q#22: I cant hear the turntable FX when I press the pause button**

Turn on TTFX using “shift+memory+pause”.

Also, the track must have been playing for a while for you to hear the effect. Then it works every time. This is yet another known Traktor bug.

Hear at 16:00 of this video how this is supposed to work:

<https://youtu.be/p3L21hdQbzY?t=956>

- **Q#23: I hear another effect I press the pause button**

This is a known Traktor bug.

Please reconfirm you installed the mapping twice using the big "import" button in the lower right corner of the settings. Be sure to include the effect settings.

Hear at 16:00 of this video how this is supposed to work:

<https://youtu.be/p3L21hdQbzY?t=956>

- **Q#24a: Pressing "play" on the DDJ starts and then stops immediately the deck**

This is a typical sign that the mapping was installed manually, twice.

Play works as a "toggle", so if its applied twice it cancels itself.

Solution is to import the mapping with the big "import" button in the lower right corner of the settings.

Repeat this procedure twice.

See also the next question

- **Q#24a: Pressing "play" on the GUI starts and then stops immediately the deck**

This is a sign that there is a loop on BOME. In some error situations, Bome receives the Play LED message from traktor, and in addition to the correct behavior (sending the LED to the DDJ), it sends it back to traktor.

As play works as a "toggle", so if its applied twice it cancels itself.

See at 11 seconds of this video how this issue looks like:

[https://www.youtube.com/watch?v=q7\\_CKa-Nsek](https://www.youtube.com/watch?v=q7_CKa-Nsek)

Solution is a) remove all bome devices and all bome aliases, b) reinstall bome from scratch, c) reinstall the settings d) reinstall the bome project

See also the previous question

- **Q#25: BOME crashes immediately when loading the BOME mapping**

Please use latest version 1.8.4. If you still have problems, please downgrade to 1.8.3.

- **Q#26: The sync led blinks when I move the tempo quickly**

Solution: please move the tempo slider in slow movements.

This led now now blinks to warn you that soft takeover is in progress. If you move this slider too fast, it gets confused as soft takeover

see a demo at 20m33s <https://youtu.be/p3L21hdQbzY?t=1234>

- **Q#27: The mapping runs slow in my old laptop: some buttons have a small delay and the needle jumps round**

Some buttons have a small delay on purpose. Please see FAQ #10 and FAQ #11.

The needle jumping around is a sign you have an old laptop.

For this you need to **raise** the bome clock value:

- press “shift+memory+turn browser” and **raise** the clock period until the mapping is stable. Default is 60; use 80 or even 100 if needed. See also FAQ #28

If this doesn't solve the problem, disable deck 3 and 4 processing. To do this uncheck the presets labelled “CH3” and “CH4” on BOME. These are rules #53 to #74. Restart everything.

- **Q#28: The needle rotation is not smooth / needle scratching is slow**

Update: v7.2 significantly improves performance, especially on old macs.

Currently recommended values are 30ms for Windows and 60ms for Macs.

Original answer follows:

For this, you need to **lower** the bome clock value:

- press “shift+memory+turn browser” and **lower** the clock period while the mapping is still stable. Default is 60; use 30 or lower.

- Small values = smooth but heavy CPU;
- Large values = not smooth but low CPU.

- To make this permanent, edit the variable “hy” in preset #1/ translator #2.

- **Q#28b: Why is the needle slower on MacOS?**

I've found that sending too many needle OUT messages to the DDJ-1000 would choke the DDJ-1000 macOS driver, even on recent machines.

This never happen in any Windows I've tested.

Introducing a rate limiter in BOME to send one message AT MOST every 60ms solved the issue

<https://www.youtube.com/watch?v=VSaSEjSdLuk>

- **Q#29: Sometimes the needle doesn't move at all, but everything else works, including scratching**

There is a bug in traktor “is deck loaded” +Blend command. Sometimes it gets stuck.

Loading the next track may clear the error condition.

Second, the mapping skips periodic messaaes for deck C and D if they are unloaded. As such they can be affected by the above-mentioned bug.

Solution is to load a new track.

- **Q#30: In an emergency is there a way to disable all effects at once?**

Yes. Select “Sample” to disable ALL effects at once.

This feature is useful if you are in an emergency situation where nothing is heard.

This could happen because the mapping has dozens of effects, and their usage could be confusing at times.

#### **FAQ: USAGE (ALL MAPPING VERSIONS):**

- **Q#31a: What DDJ-1000 Hardware effects can be used for Traktor sources? For DVS?**

The pioneer built-in effects are only possible to be applied to Traktor music on the Master channel.

For USB per-channel, even DVS, all effects have to be Traktor effects. An effort was done to choose the closest Traktor effect where possible.

This applies to both the Pioneer Color effects, and the Beat effects (BeatFX) on the lower right corner of the mixer.

Only the external analog line-in inputs (eg Turntables, CDJs, Audio6) can have the pioneer per-channel effects. This excludes DVS.

Exception: Mobeius effects are applied per channel even for Traktor sources; MST Roll is a workaround to make a quick 8-beat sampler (see faq 59). Set deck 4 to "line" to use the original Pioneer Noise effect.

More info: see 21:20 of the [main support video](#)

- **Q#31b: What DDJ-1000SRT/SZ/SX3 Hardware effects can be used for Traktor sources?**

For the SRT/SZ/SX3 the situation is very different.

There the mixer runs in external mode with multiple channels, so all per-deck effects are Pioneer ones, instead of Traktor effects.

- **Q#32a: 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#32b: What hardware configuration can I change on the device?**

These hardware functions are configured in the **device itself**:

- send midi messages even when rekordbox is running

These hardware functions are only configured **inside rekordbox**:

- Master Attenuator Level

- Mono/Stereo for Master out

- Booth attenuator level
- Mono/Stereo for booth
- Auto standby
- Demo/screen saver
- Peak limiter to master
- Mic sound limiter to booth out
- Mic sound limiter to master

- **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 careful to use ONLY their assigned channels, otherwise you will affect your friend's channels. With this care, it's perfectly doable to do back-to-backs.

More info: see 23:50 of the [main support video](#).

- **Q#34a: I cannot use CUE mix and/or CUE volume with an internal soundcard. Using these knobs moves the value to a fixed value inside Traktor instead.**

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 audio being internal/external mode.

**See also FAQ 34b**

- **Q#34b: I cannot hear the master channel on the headphones.**

Press the yellow CUE button below the Booth monitor knob and Master knob.

If this behavior surprises you, note that all Pioneer mixers work like this.

**See also FAQ 34a**

- **Q#35: Why is function "X" or button "Y" not the same as Rekordbox? Not the same as what is printed on the device?**



Update: in v7.2 all main pad modes now match the labels of the DDJ-1000.

Second, the quickstart pdf has a table explaining all the other differences against Rekordbox, and their rationale

First reason is that this mapping runs in all DDJ controllers, namely the SX2 and SZ. The SX2 lacks dedicated colorFX buttons; the SZ has external mode only effects, so I cannot use these buttons as well.

Second reason is that I've created 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 automated 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. Some features are simply not possible in MIDI mode until Pioneer upgrades the firmware.

Worse, the firmware has several bugs in MIDI mode that are not present in the HID mode. Please see this list in this link:

<https://github.com/pestrela/music/blob/master/traktor/README.md#list-of-ddj-1000-firmware-bugs-open-tickets>

All these issues have been reported to Pioneer support before.

For the DDJ-1000 these include a) showing "sync" led b) jog ring multiple brightness c) showing tempo range besides only the percentage. For the DDJ-800 the screens are missing completely, even though they are described in the documentation.

To move forward, please create a support ticket **yourself** here requesting these missing features. For the (Note: the pioneer forum works better with the Bing browser, with clean cookies, and without AddBlockPlus)

For the DDJ-1000SRT, the issue is supporting jog screens at all. To ask for it, please comment in the serato forum here:

<https://serato.com/forum/discussion/1736390>

- **Q#37: Only the left deck works; I cannot hear sound from the right one (or vice-versa).**

Confirm you have the deck in "UdddSB\_A" or "USB\_B" position (on the top of the mixer, above gain).

Confirm you are not running the V7 demo version downloaded from djtechtools.

Confirm the crossfader is not enabled by mistake.

- **Q#38: The turntable long stop effect doesn't work (shift+play)**

Confirm you "tempo bend progressive sensitivity" enabled, on settings / Transport / Tempo Bend.

This setting is enabled when you import the mapping and enable “Other Preferences and Settings import”, as requested in the installation guide.

- **Q#39: I can't hear the echo tail when I close the volume fader**

Confirm that the FX units are in “post fader” mode instead of “insert”

The MixerFX always works in “post fader” mode

- **Q#40: I can't hear any effects at all**

Confirm that the FX units are NOT in “send” mode. If yes, they must be in “post fader” instead.

Selecting the “Sample” position is an emergency effect disable, but you can always apply new effects as normal.

## FAQ – INSTALLATION (ALL MAPPING VERSIONS):

- **Q#51: How do I install this mapping?**

The installation folder has a PDF with step by step instructions. Do not skip any step ([download](#))

There is also a step-by-step installation video: [https://youtu.be/MbGP\\_ECnWiQ](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#52: Does this mapping work on a Mac?**

Yes. On the BOME installation guide I show exactly what is different for Mac and for Windows.

**In particular the macs need a security enable, and the audio device starts at zero instead of one.**

**Also the BOME settings may not load correctly, please follow the guide to configure the bome settings instead.**

- **Q#53a: What is the minimum setup to TRY THIS MAPPING FOR FREE?**

Just download the demo versions for Traktor Pro 3.3 ([download](#)), trial version of BOME Pro 1.8.4 ([download](#)), and demo mapping v7.1 ([download](#)).

All features of Deck A will work perfectly for 20 minutes. These 20minutes limitation comes from the BOME trial.

- **Q#53b: Can I upgrade an existing bome TRIAL to FULL?**

No. You need to uninstall the trial, make an account [www.bome.com](http://www.bome.com), pay separately 60eur to them, download the full version from your account, and install it.

- **Q#53c: Can I buy the bome license together with the v7 mapping?**

No. These are separate payments for separate persons.

I (DJ Estrela) also bought a bome license like everybody else.

See also the above question.

- **Q#54: 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.

Please see slide #4 of the installation guide for more info.

- **Q#55: 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#56: 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#57a: Can I use this mapping in parallel with an X1/F1?**

YES. The X1/F1 will work just fine.

You might want to disable automatic features that manipulate the FX units, like 16x Filters feature.

- **Q#57b: Can I use this mapping with other MIDI 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 the midi pages to BMT1 as well.

- **Q#58: Can I run BOME all the time? Even when not using Traktor?**

YES. This is the recommended configuration. Running bome all the time means that everything just start working when you start traktor.

When Traktor is not running, bome does not send messages, so there is no performance impact to just leave it running all the time.

- **Q#59: Can I use beatFX as quick and dirty 4-beat loop sampler?**

Yes, but you have to record your loop using the Master channel only.

To do this, set Roll / Level = 50% / Beat = 4 beats / press ON. Everything you do will be recorded and then played back. Set deck 4 to "line". Move the selector to deck 4. Then you can apply EQ and sound color effects to this channel. Do NOT stop the roll on the big blue button!.

<https://www.youtube.com/watch?v=iwV6RPZCW4o>

## FAQ: TRAKTOR VS OTHER SOFTWARES:

- **Q#90: 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:

- #1) the JogFX chains on the jogwheel and 16x Superknobs (requires advanced MIDI mapping)
- #2) the ability to organize files by OS folders without a DJ playlists (requires mass relocate renamed files)
- #3) having a search box on the explorer node (to see directly your OS folders)
- #4) hot cues move the temporary cue as well.

A longer blog post about this is [here](#).

**Q#91: This mapping sound too good to be true. What is the catch moving away from Rekordbox or VirtualDJ to Traktor?**

This mapping stretches as much as possible the limits of MIDI mapping. Even so, some features are simply impossible in MIDI (note: Rekordbox and VDJ use HID).

The biggest caveats are:

- #1) Scratching can be slow
- #2) No jog waveforms
- #3) No plug and play; installation can be complex
- #4) There are costs involved (bome = 60 eur; mapping = 30eur)
- #5) No Pioneer hardware effects per channel

Personally I think the benefits far outweigh the issues:

- #1) I'm not a turntablist and my laptop is fast enough, so scratching is more than enough for me.
- #2) The waveforms would look nice, but the Serato-like screens have all the basics.
- #3) Installation is indeed complex, but I've made a 61-page step-by-step installation guide. I also offer a remote installation service if needed.
- #4) Everything can be tested fully for free using the demo versions.
- #5) I've had to replace the per-channel effects with traktor effects. In some cases these are now more powerful

A longer blog post about the scratching quality is [here](#); another post about bome migration is [here](#).

The FAQ is in this link:

[https://github.com/pestrela/dj\\_maps/blob/main/ddj\\_1000/3%20-%20Documentation/Installation%20Guide%20-%20Frequently%20Asked%20Questions.pdf](https://github.com/pestrela/dj_maps/blob/main/ddj_1000/3%20-%20Documentation/Installation%20Guide%20-%20Frequently%20Asked%20Questions.pdf)