

BOME+Traktor installation guide for Pioneer DDJ controllers

Installation video: https://youtu.be/MbGP_ECnWiQ

Installation pdf: <https://bit.ly/351FtCe>

NOTE #1: There is many pdf documents and videos to learn this mapping.
For an overview, see [page 3](#).

NOTE #2: There are several mapping versions: with/without BOME, Free vs. Paid.
For a comparison of the features, see [page 4](#).

NOTE #3: There may be costs involved. However they are optional, and everything can be tested for free.
For a cost breakdown, see [page 5](#).

NOTE #4: the Zip file contains all versions. To buy the full version of the DDJ-1000 mapping, send an email to pedro.estrela@gmail.com.

***NOTE #5:** This guide is a companion to the step-by-step video. It covers **all** Pioneer DDJ controllers, both Windows and Mac.
Only difference is Aliases (page 18) and Output (page 37). See the annexes for other DDJs instructions (page 53).*

NOTE #6: There are **3 files** to install: a) settings for BOME (page 16); b) mapping for BOME (page 17); c) mapping for Traktor (page 24). The bome settings may have issues on macOs. The Traktor mapping must be imported twice. Do **not** configure "DDJ-XXX" in the controller manager (page 35)!

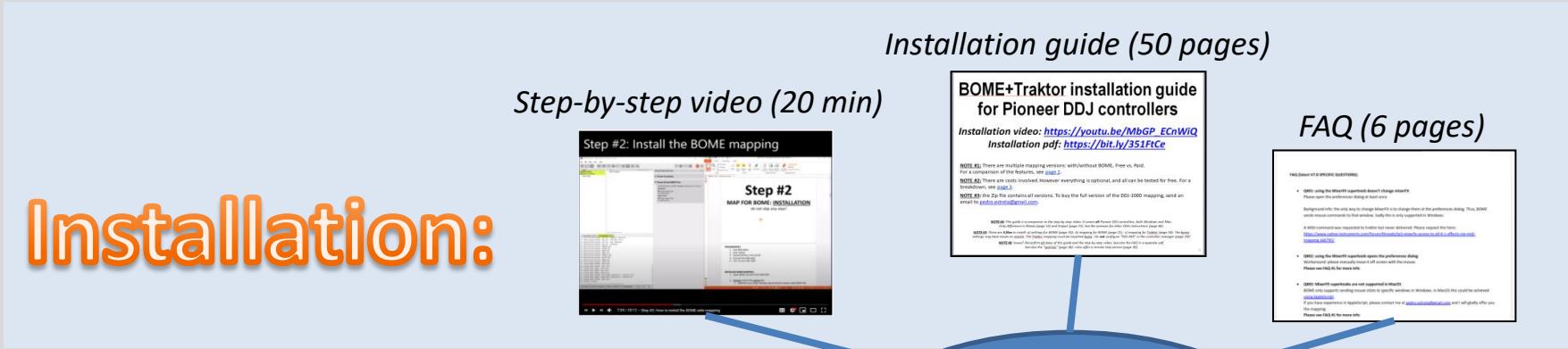
NOTE #7: Issues? Reconfirm all steps of this guide and the step-by-step video. See also the FAQ in a separate pdf.
See also the "gotchas" (page 44). I also offer a remote help service (page 46).

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HOW TO LEARN THIS MAPPING

Installation:



Usage:



Link to videos: <https://www.youtube.com/user/djestrela2>

WHICH VERSION TO CHOOSE? (DDJ-1000)

	v6.3.3	v7.2.0
Price	Free	30 eur
Installation	Easy	Complex
Preferences window	10s	2s
Bome required?	✗	✓
Jog Screens	✗	✓
Basic features	✓	✓
7x JogFX	✓	✓
21x PadFX, Slicer	✓	✓
16x Filters	✗	✓
Resonant filter	✗	✓
TurnTable break	✗	✓
STEMS	✗	✓
Remix decks	✗	✓
Pattern Recorder	✗	✓
Tempo enlarger	✗	✓
Loop jog adjust	✗	✓

WHAT ARE THE OPTIONAL COSTS? (DDJ-1000)

Item	Cost	Reason	Can I skip this cost?	Is there a free demo?
BOME	60 eur	Necessary to break Traktor limitations	Yes. Use older v6.3.3 instead	Yes. The BOME demo works for 20 minutes
v7 map	30 eur	Mapping was redone from scratch	Yes. Use older 6.3.3 instead	Yes. Demo has deck A only
Installation	30 eur	Hands-on work	Yes. See my step-by-step 60-page guide and 20-min video	
Training	30 eur	Hands-on work	Yes. See my 70-page manual and step-by-step 90-min video	

Notes:

- All mentioned costs are optional (see column #3)
- Everything can be fully tested for free (see column #4)
- The v7 mapping cost includes future updates
- The BOME license is a 3rd-party cost (www.bome.com)

Step #0

CONFIRM THAT REKORDBOX PERFORMANCE MODE WORKS PROPERLY IN YOUR SYSTEM!!

Driver Download: <https://www.pioneerdj.com/en/support/software/controller/ddj-1000/#drivers>

Firmware download: <https://www.pioneerdj.com/en/support/software/controller/ddj-1000/#firmware-update>

Rekordbox DJ download: <https://rekordbox.com/en/>

VirtualDJ Instructions (for reference): <https://www.virtualdj.com/manuals/hardware/pioneer/ddj1000/installation.html>



Step #1

DOWNLOAD THE MAPPING

To download NEED to first register and then login in the DJTT site.

If it still fails, clear your cookies and use another browser.
5K persons have downloaded this mapping since Feb 2019.

DDJ-1000/800: <https://maps.djtechtools.com/mappings/9279>

DDJ-SX2/SZ/SRT: <https://maps.djtechtools.com/mappings/9222>

XDJ-XZ: <https://maps.djtechtools.com/mappings/10305>

1: CREATE AN ACCOUNT ON DJTECHTOOLS:

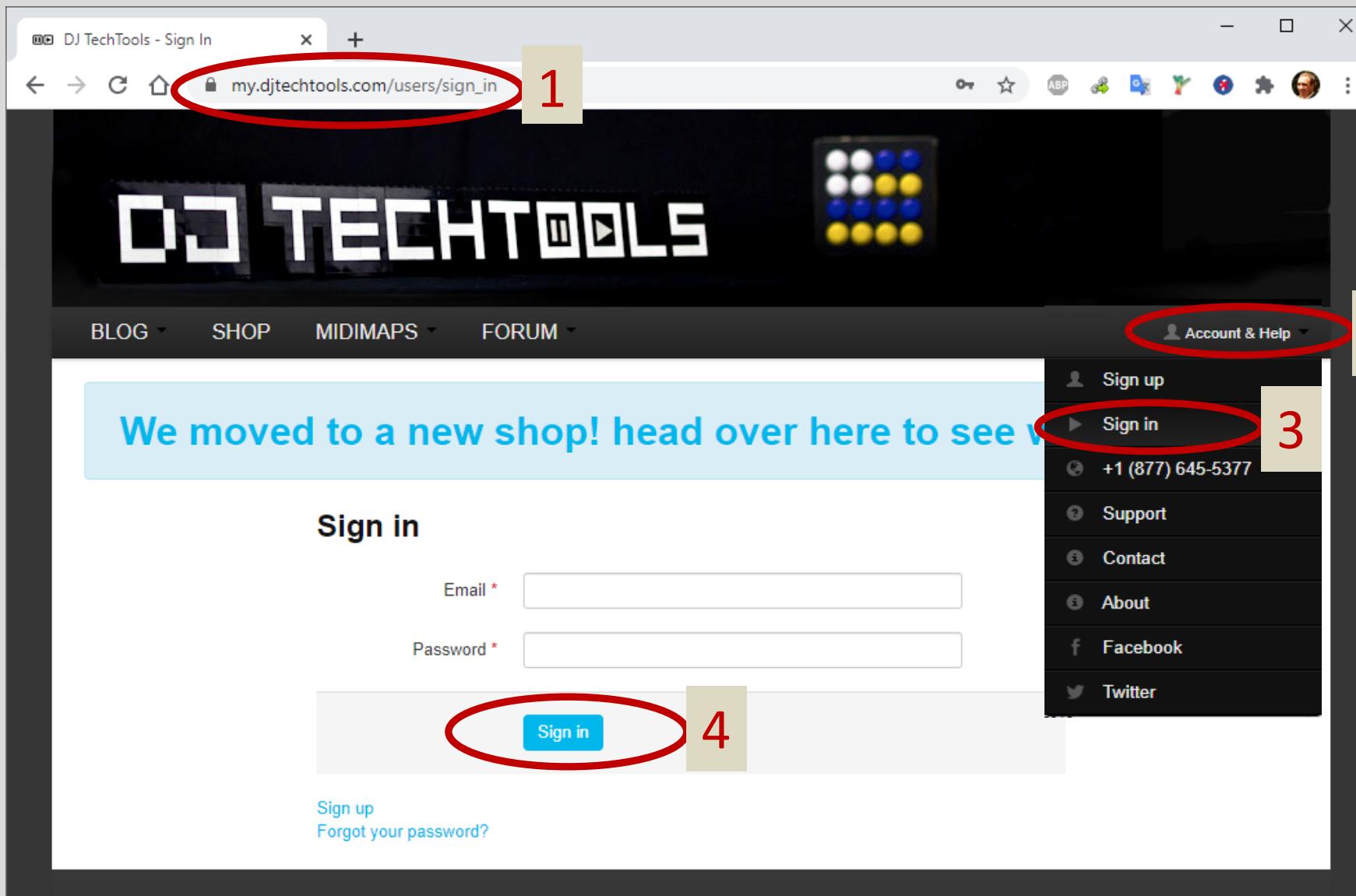
https://my.djtechtools.com/users/sign_up

The screenshot shows a web browser window for 'DJ TechTools - sign up' at the URL my.djtechtools.com/users/sign_up. The page features a large 'DJ TECHTOOLS' logo at the top right. Below it is a navigation bar with links for BLOG, SHOP, MIDIMAPS, and FORUM. A prominent blue banner in the center says 'We moved to a new shop! head over here to see'. On the right side, there's a sidebar with a 'Account & Help' dropdown menu. The menu items are: Sign up (circled in red), Sign in, +1 (877) 645-5377, Support, Contact, About, Facebook, and Twitter. At the bottom left, there's a registration form with fields for Name, Email, Password, and Password confirmation, each with a red asterisk indicating they are required. A large red circle highlights the 'Register' button. At the bottom right, there are four promotional boxes: 'FREE SOUND PACKS' with a video thumbnail, 'GREAT SECRET DEAL' with a purple background, 'HOT DJ TIPS' with a Traktor interface thumbnail, and 'THE LATEST NEWS' with a DJ deck thumbnail.

- 1 my.djtechtools.com/users/sign_up
- 2 Account & Help
- 3 Sign up
- 4 Register

2: SIGN-IN ON YOUR ACCOUNT:

https://my.djtechtools.com/users/sign_in



3: DOWNLOAD THE MAPPING

DDJ-1000/800: <https://maps.djtechtools.com/mappings/9279>

DDJ-SX2/SZ/SRT: <https://maps.djtechtools.com/mappings/9222>

XDJ-XZ: <https://maps.djtechtools.com/mappings/10305>

The screenshot shows a web browser window with the title "DJ TechTools - 2020 DDJ-1000 v7". The URL in the address bar is circled in red and labeled '1'. The main content area displays a mapping for the DDJ-1000 v7.0.0. On the right, a user profile for "dj_estrela" is shown, with a yellow box and the number '2' highlighting the profile picture. Below the profile, there is a "About this mapping" section with details about the latest version and release notes.

2020 DDJ-1000 v7.0.0 - Mapping for Traktor Pro 3+2 with Jog Screens - DJ Estrela

Description and Instructions

2020 DDJ-1000 v7.0.0 - Mapping for Traktor Pro 3+2 with Jog Screens - DJ Estrela

Latest version 7.0.0

Release Notes: This mapping was now remade from scratch. Major new features are 16x SuperKnobs, access all 9x MixerFX, Resonant Filter, STEMS, Remix decks recorder, Tempo enlarger, Loop backwards

Step #2

BOME TRIAL:

SOFTWARE INSTALLATION

Note: the bome trial cannot be activated to make it full.
If you buy a license you will need to download it from your account instead.

BOME INSTALLATION - TRIAL:

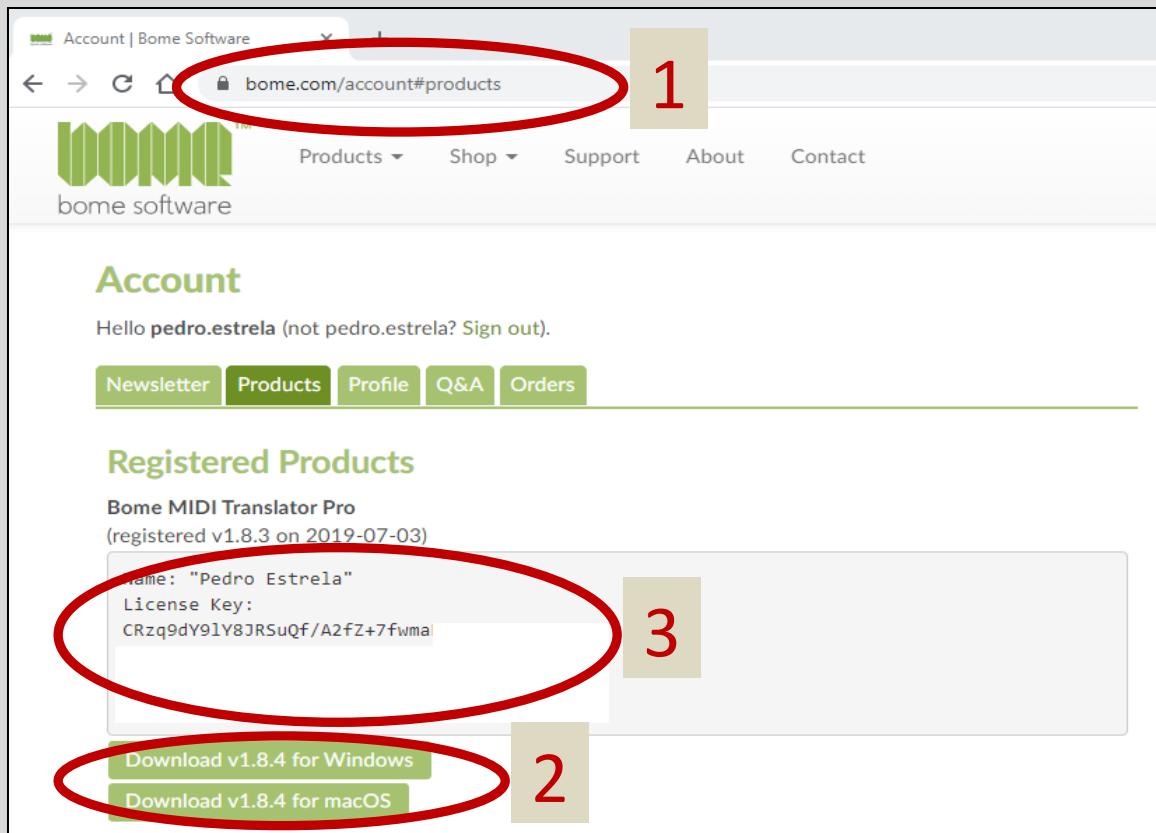
1. Download and install the BOME trial from:

<https://www.bome.com/products/miditranslator#downloads>

The screenshot shows a web browser displaying the Bome website at [bome.com/downloads](https://www.bome.com/downloads). A red oval highlights the URL bar, labeled with a large red '1'. Below the URL bar is the Bome logo and navigation menu with links for Products, Shop, Support, About, and Contact. The main content area features a green header for 'Bome MIDI Translator Pro' and a note: 'Note: please download the full version from your account.' Below this, a section for the 'Bome MIDI Translator Pro Trial 1.8.4' is shown, released on 2019-11-08. It lists two download options: 'Windows 7, 8, 10' with a green button labeled 'Download Trial 1.8.4 (Windows)' and 'macOS 10.7 - 10.15' with a green button labeled 'Download Trial 1.8.4 (macOS)'. Both download buttons are circled with red ovals and labeled with a large red '2'.

BOME INSTALLATION - FULL:

1. Uninstall the BOME trial first!
2. Create an account on the BOME site, validate your email
3. Login and Buy the “BOME midi translator PRO” (cost: 60 eur)
4. Download and install the FULL version from your account page:
<https://www.bome.com/account#products>
5. Copy/paste the whole license text when asked in BOME

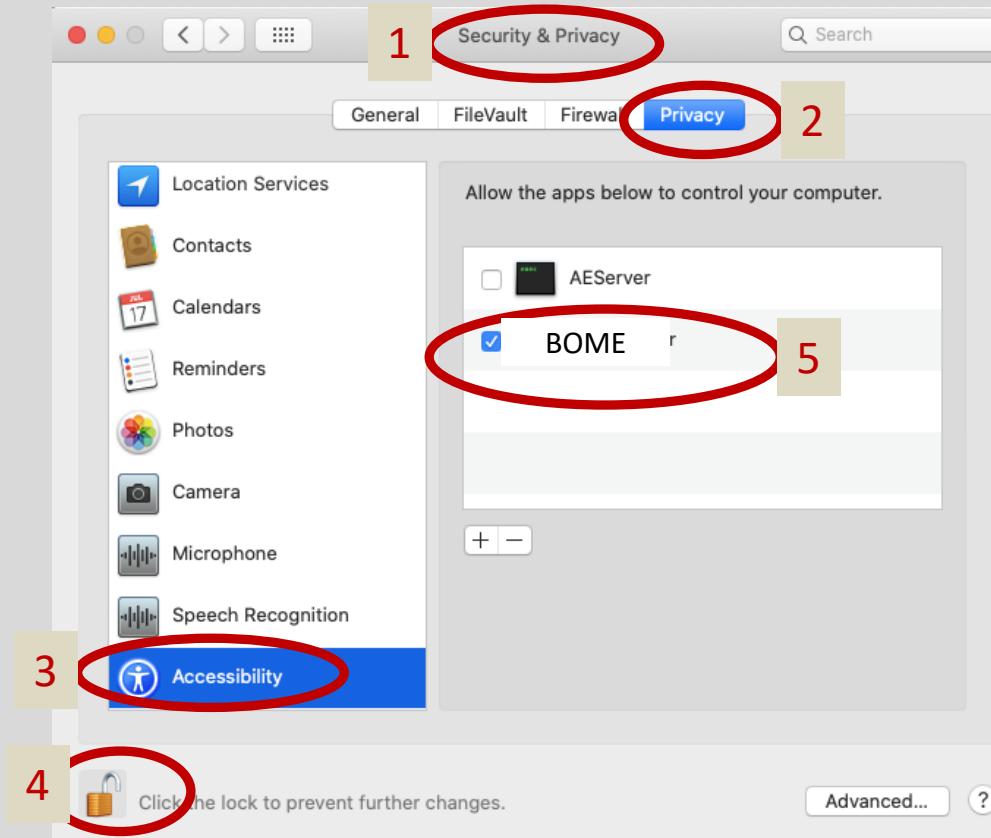


MAC-OS SECURITY ENABLE:

1. macOS 10.9 and later:
 1. System Preferences → Security & Privacy → Privacy → Accessibility -> Add “BOME”
2. macOS 10.8 and earlier:
 1. System Preferences → Universal Access → check 'access for assistive devices'
3. More info: See Page 40 of the BOME manual

https://www.bome.com/bome/downloads/manuals/miditranslator_manual.pdf

<https://www.maketecheasier.com/mac-os-security-privacy-permissions/>



Step #3

MAPPING FOR BOME:
INSTALLATION

PRELIMINARIES:

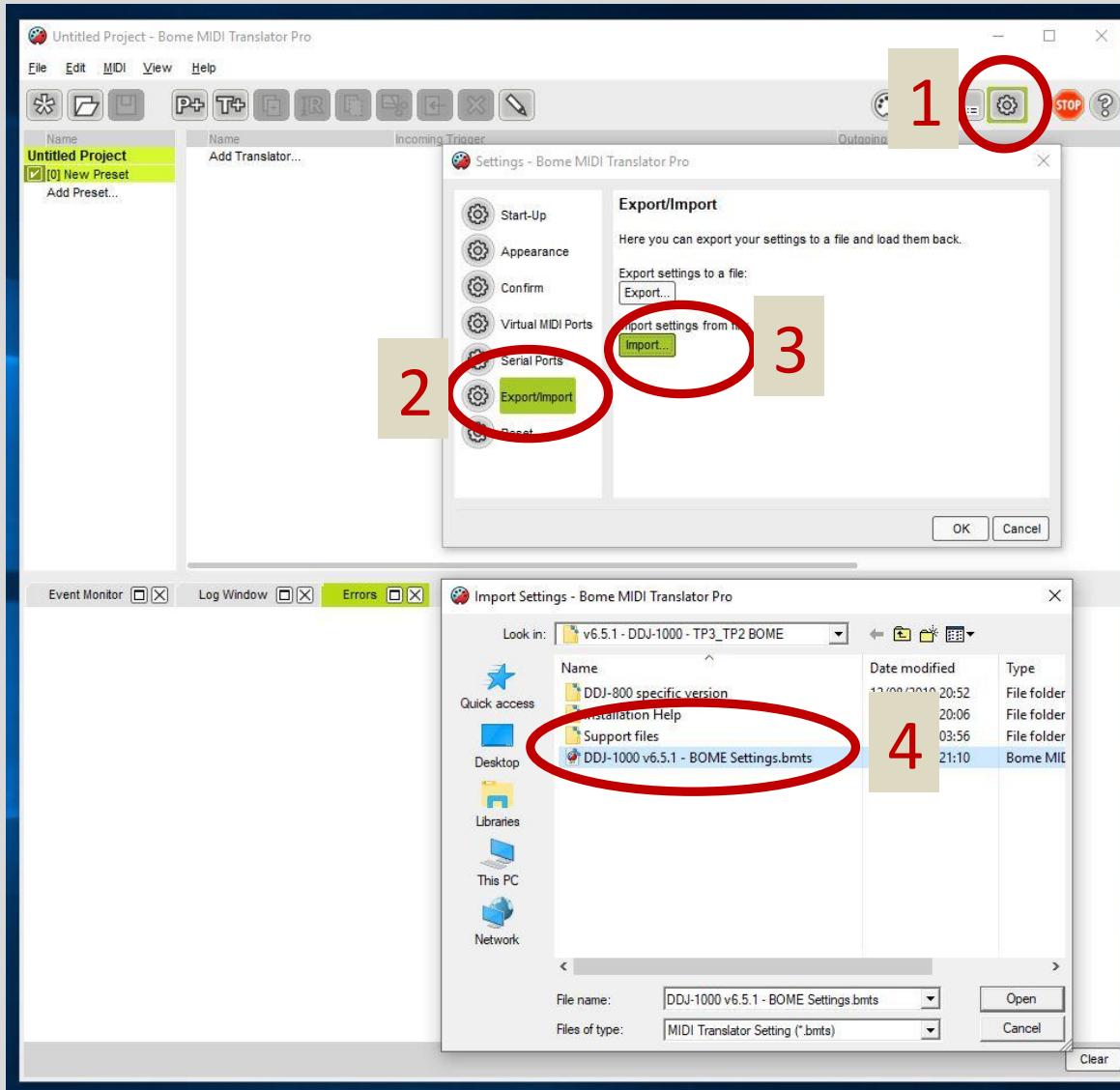
1. Stop Rekordbox
2. Stop Traktor
3. Expand all files in the zip file
4. Connect the USB cable
5. Turn on your DDJ

INSTALLING BOME MAPPING:

1. Open BOME. DO NOT RUN TRAKTOR!
2. Settings: Import the settings file
 1. Method: menu View; settings; export/import; import; select BMTS file
3. Mapping: load the mapping file
 1. Method: Click menu File; Open; select BMTP file
4. Do not mix up the Settings file with the Mapping file!

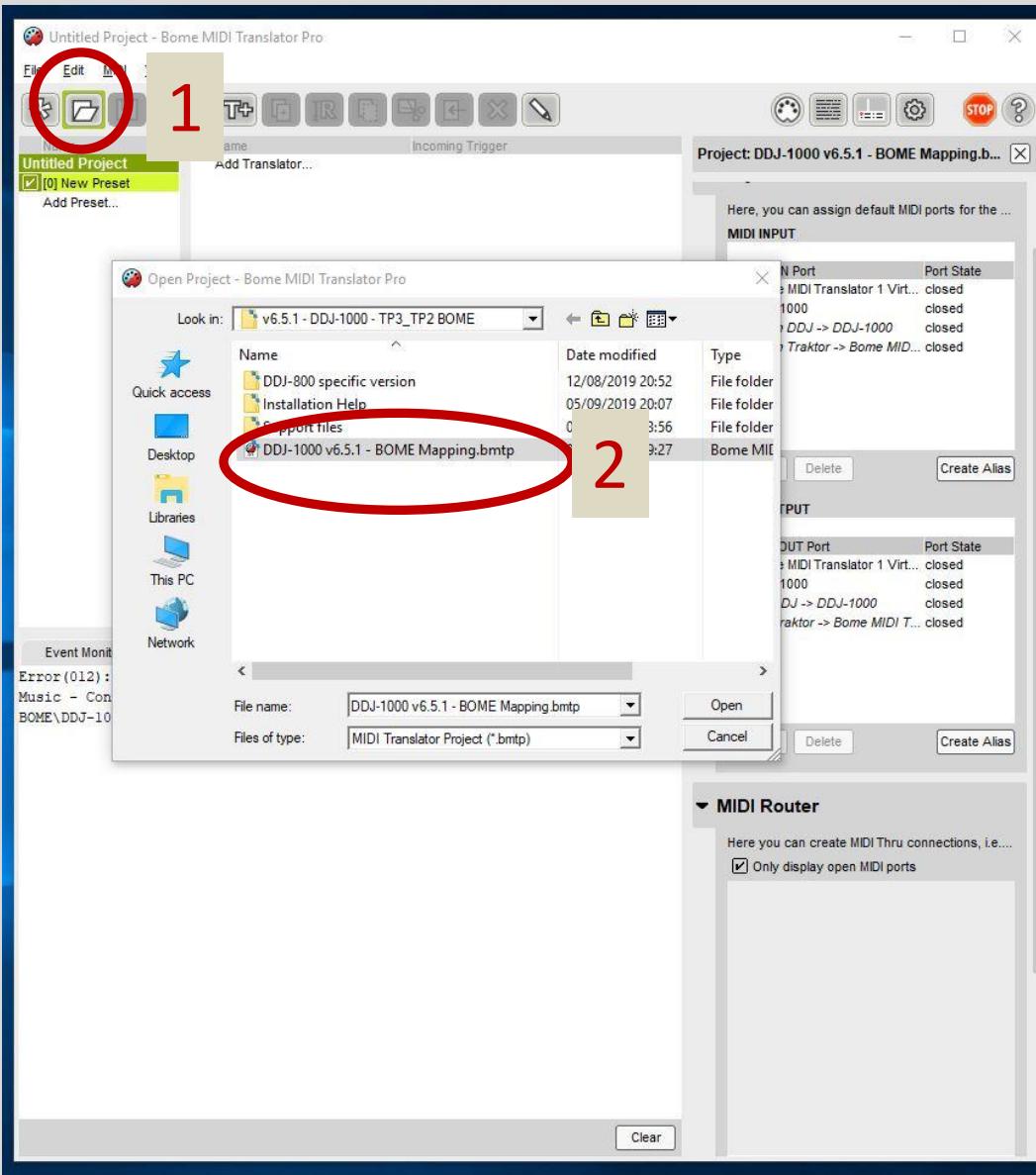


BOME: import settings file (BMTS file)



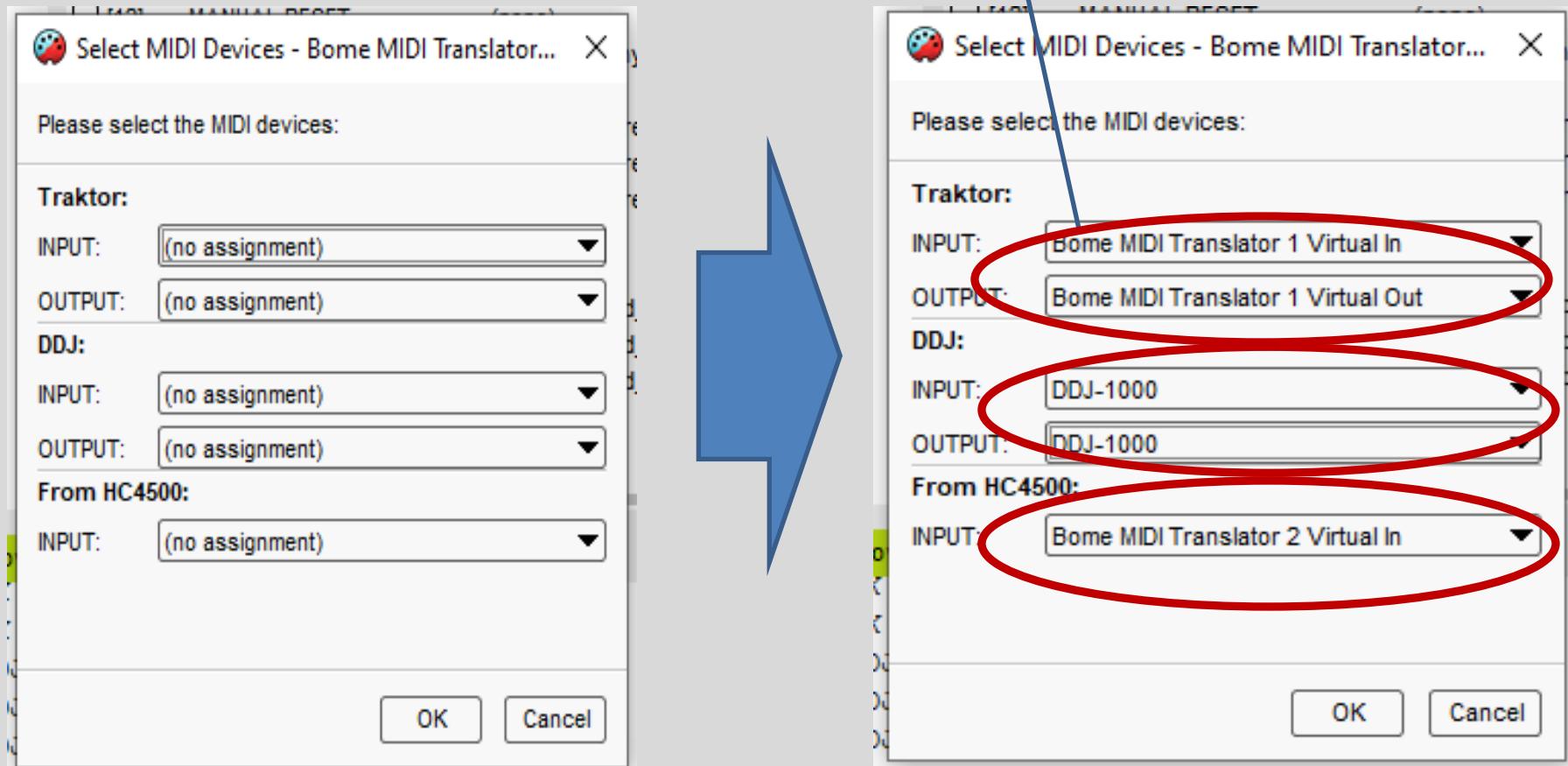
Note: If you get error 012 at this stage, restart bome at this step.
“Error(012): cannot open project file: C:\Users\Pedro\Desktop\...”

BOME: import mapping file (BMTP file)



(Example for DDJ-1000; other DDJ are similar. See annexes for details)

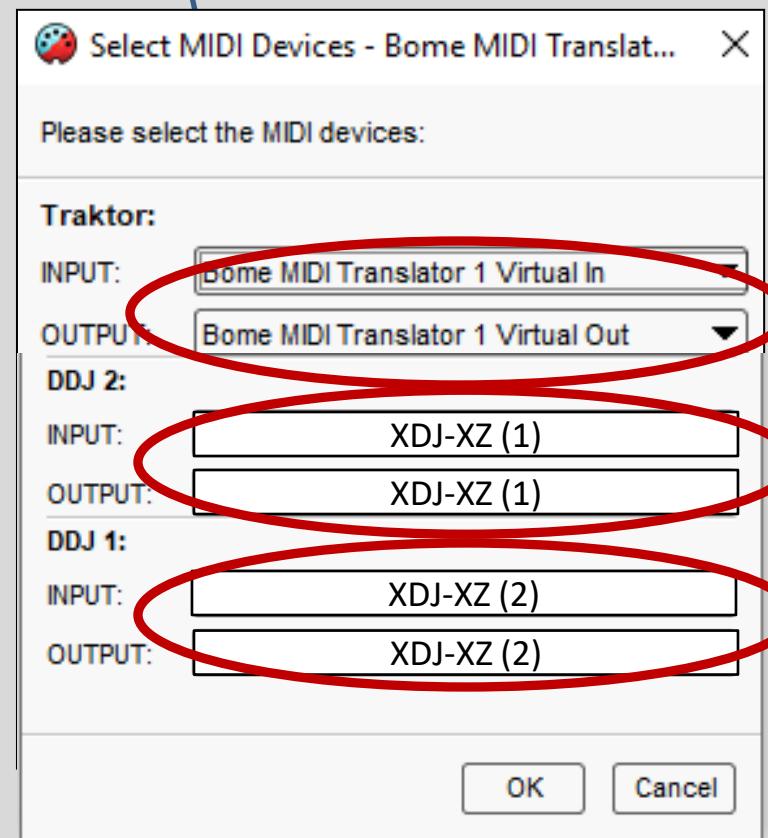
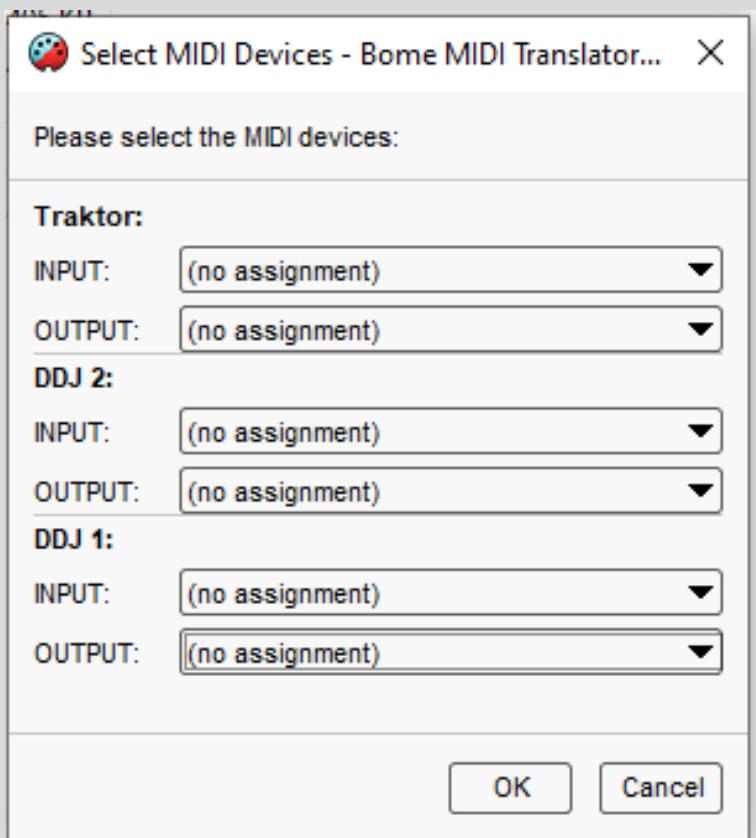
BOME: Aliases (DDJ-1000 case)



IMPORTANT: THESE SETTINGS CHANGED IN V7.0!!!
WE NOW USE 2x VIRTUAL DEVICES

BOME: Aliases (XDJ-XZ case)

Do exactly this



BOME: Devices

Confirm the devices are OPEN!

Ensure ONLY these 2x options are checked:

- "From Traktor" -> device 1 in OPEN
- "to DDJ" -> DDJ-1000 OPEN

Confirm it looks EXACTLY like on the picture

Project Default MIDI Ports

Default MIDI ports for the entire project. You can override these default ports in the ...

MIDI INPUT

From Traktor

MIDI IN Port	Port State
<input type="checkbox"/> Bome MIDI Translator 1 Virtual In	open (implicit)
<input type="checkbox"/> Bome MIDI Translator 2 Virtual In	open (implicit)
<input type="checkbox"/> Bome Virtual Port 1 -> Bome MIDI Translator 1 Virtual In	open
<input type="checkbox"/> Bome Virtual Port 2 -> Bome MIDI Translator 2 Virtual In	open
<input type="checkbox"/> DDJ-1000	open (implicit)
<input type="checkbox"/> From DDJ -> DDJ-1000	open
<input type="checkbox"/> From HC4500 -> Bome MIDI Translator 2 Virtual In	open
<input checked="" type="checkbox"/> From Traktor -> Bome MIDI Translator 1 Virtual In	open

MIDI OUTPUT

To DDJ

MIDI OUT Port	Port State
<input type="checkbox"/> Bome MIDI Translator 1 Virtual Out	open (implicit)
<input type="checkbox"/> Bome MIDI Translator 2 Virtual Out	closed
<input type="checkbox"/> Bome Virtual Port 1 -> Bome MIDI Translator 1 Virtual Out	open (implicit)
<input type="checkbox"/> Bome Virtual Port 2 -> Bome MIDI Translator 2 Virtual Out	closed
<input type="checkbox"/> DDJ-1000	open (implicit)
<input type="checkbox"/> Microsoft GS VST Variable Synth	closed
<input type="checkbox"/> Microsoft MIDI Mapper	closed
<input checked="" type="checkbox"/> To DDJ -> DDJ-1000	open
<input type="checkbox"/> to HC4500 -> Bome MIDI Translator 2 Virtual Out	closed
<input type="checkbox"/> To Traktor -> Bome MIDI Translator 1 Virtual Out	open

MIDI Router

Here you can create MIDI Thru connections, i.e. connect MIDI IN to MIDI OUT ports b...

Only display open MIDI ports

Bome MIDI Translator 1 Virtual In		
Bome MIDI Translator 2 Virtual In		
Bome Virtual Port 1		
Bome Virtual Port 2		
DDJ-1000		
From DDJ		
From HC4500		
From Traktor		

The diagram shows a cross-shaped connection between the 'From Traktor' port and the 'To DDJ' port, and between the 'From DDJ' port and the 'To Traktor' port.

Confirm this "cross" on EXACTLY these aliases

(Example for DDJ-1000; other DDJ are similar. See annexes for details)

Step #4

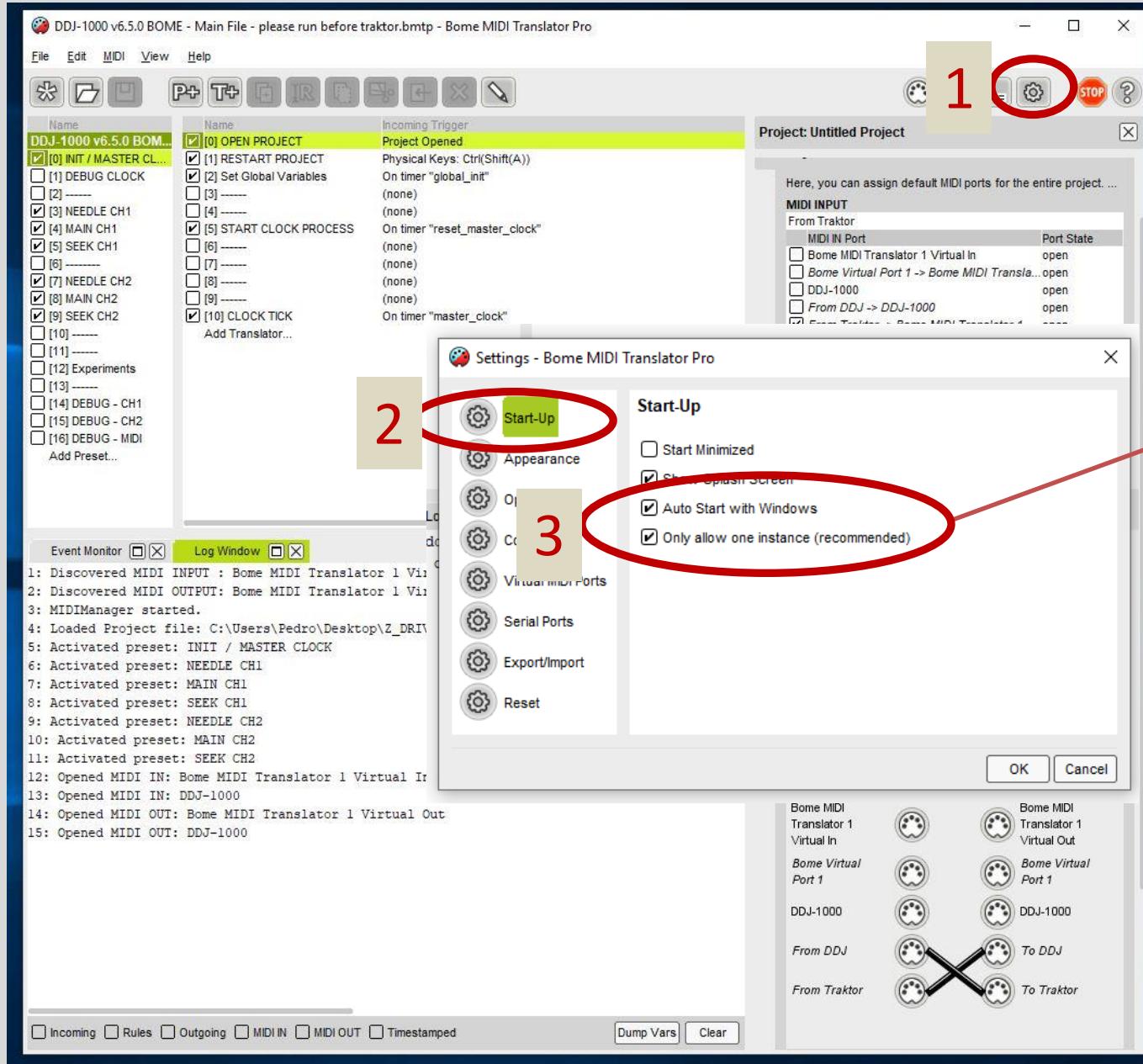
MAPPING FOR BOM:

VERIFICATION

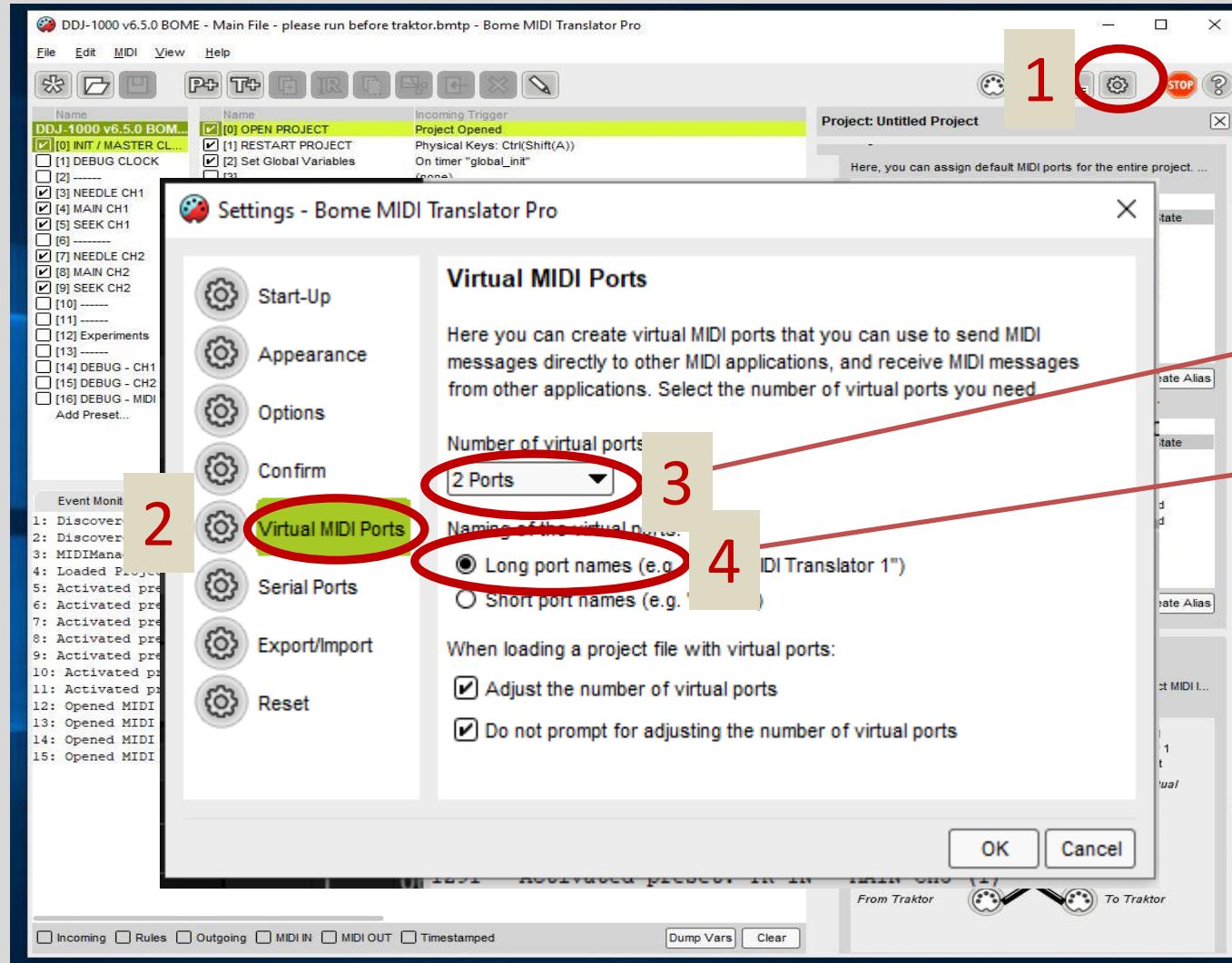
BOME VERIFICATION STEPS:

1. Confirm the “Bome MIDI Translator 1” device is created (longformat)
 1. Method: menu View ; settings ; virtual midi ports ; 1 port; long port names
2. Confirm the 5x midi ports were opened correctly
 1. Method: Click log window; check log
3. Confirm that the Controller talks to BOME
 1. Method: Click log window; click “MIDI-IN/OUT”; Press any button on the controller; confirm they appear in the log file; unclick “MIDI-IN/OUT”
4. Confirm that the BOME clock is running
 1. Method: Click log window; click “rules”; see a lot of messages appearing
 2. unclick “rules” to stop the logging
5. Minimize BOME to keep it running

BOME settings: auto start with windows



BOME settings: long port name device

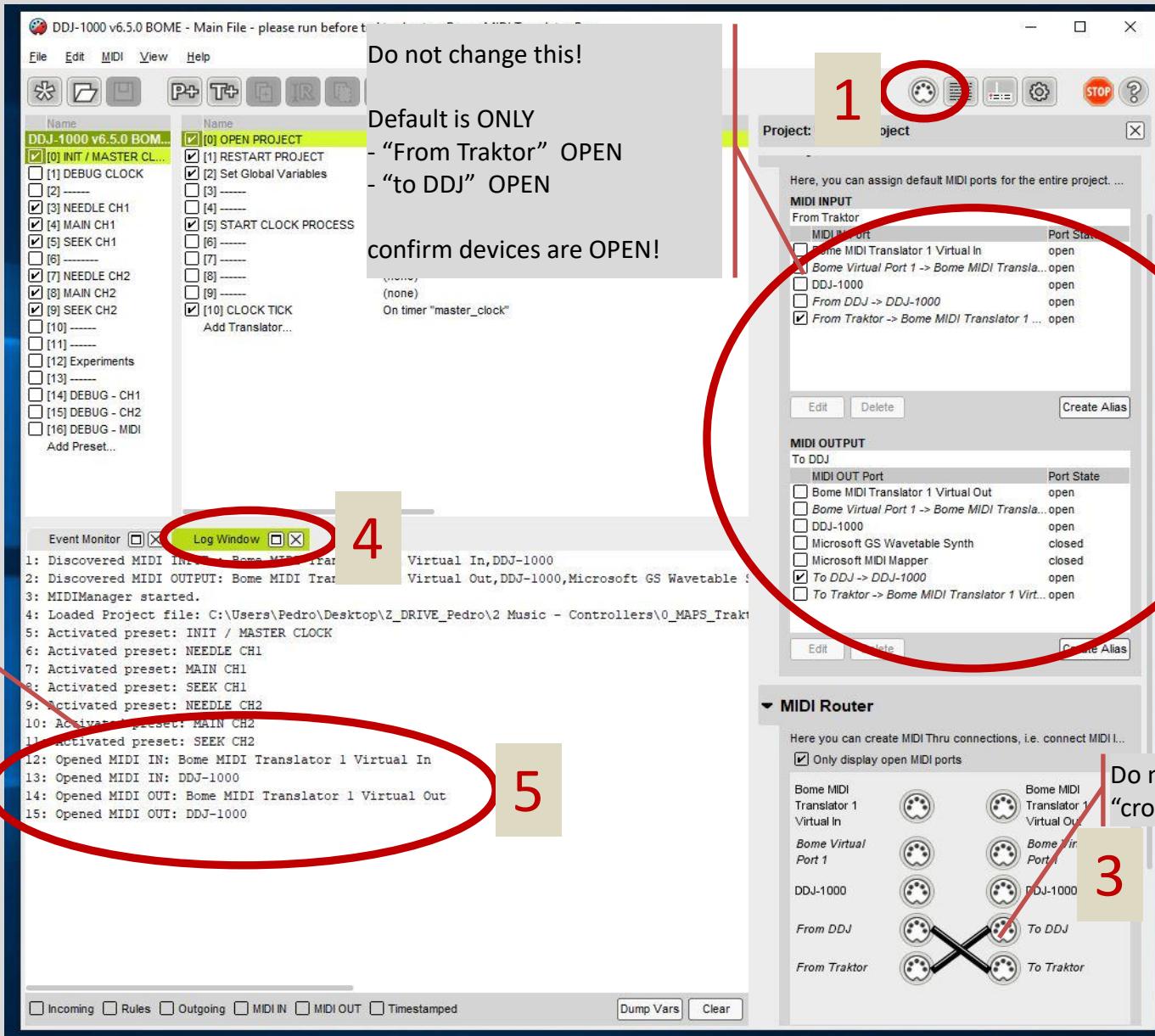


2x ports in v7.0;
in v6.8 it was 1x port only!

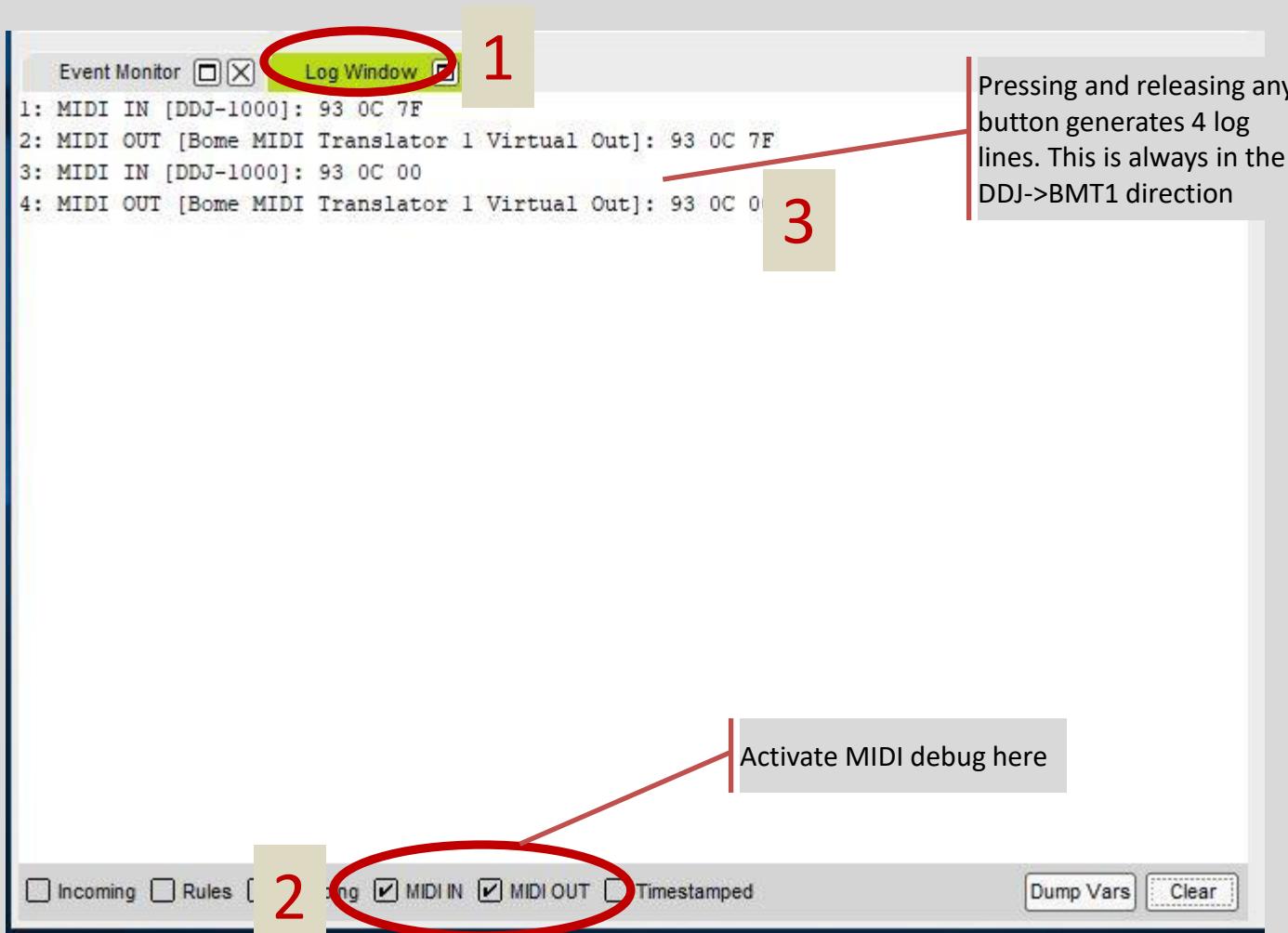
Long port names!

IMPORTANT: THESE SETTINGS CHANGED IN V7.0!!!
WE NOW USE 2x VIRTUAL DEVICES

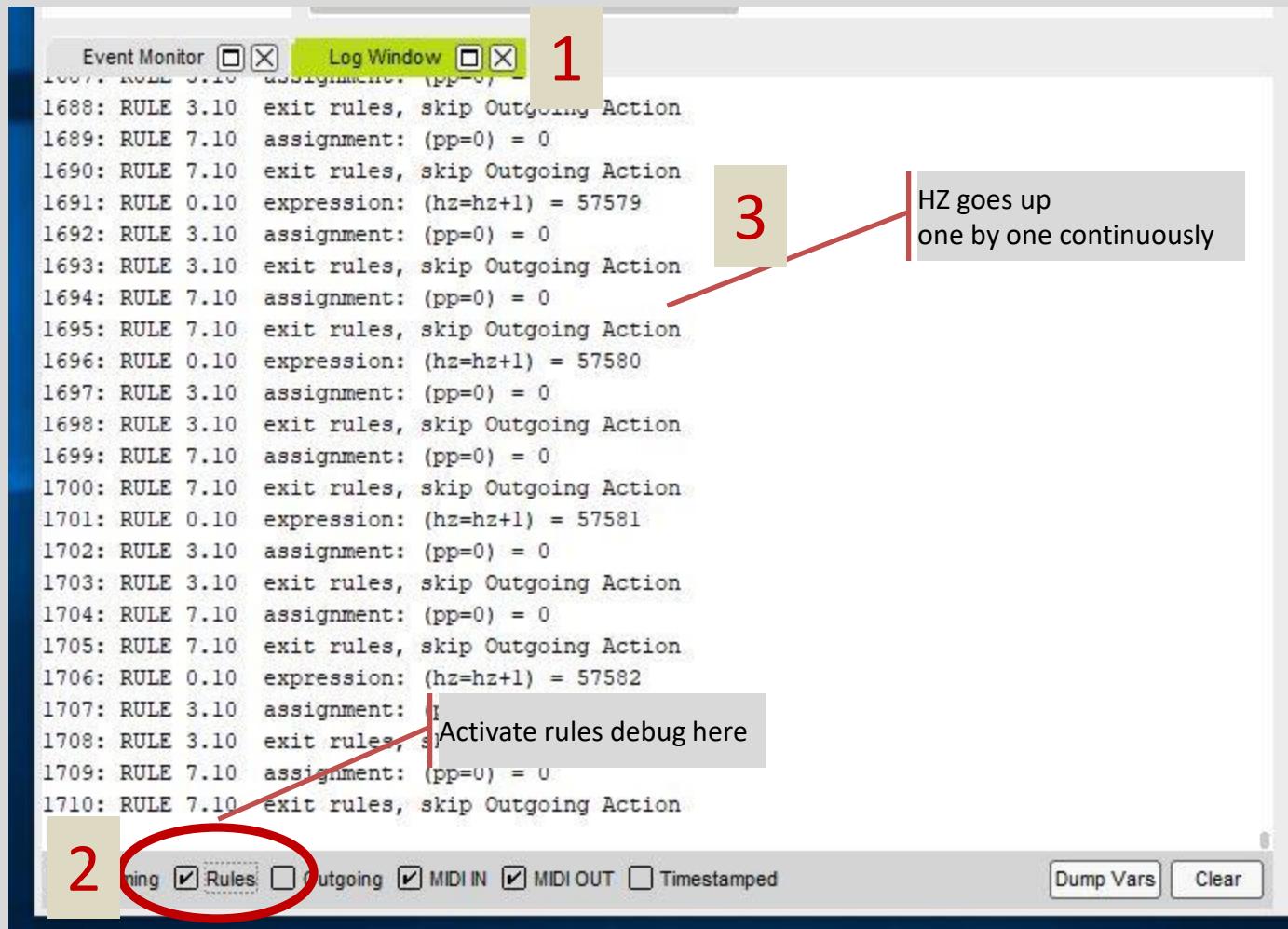
BOME: Correct startup log



BOME: confirm DDJ talks to BOME



BOME: confirm internal clock



(Please click “rules” again to stop the logging)

Tip!

Step #5

MAPPING FOR TRAKTOR:
INSTALLATION

CREATE A BACKUP:

1. Note: the mapping replaces a lot of your settings. In any cases, Traktor always makes automatic backups in “Root_Dir\Backup\Settings”

1. Open Traktor
2. Click Settings
3. Click big “export button” on lower left corner
4. Ensure all settings are clicked
5. Save the file

INSTALL TRAKTOR MAPPING:

1. Click Settings
2. Click big “import button” on lower left corner
3. Accept all checks; PLUS additionally click the “Audio device settings” 

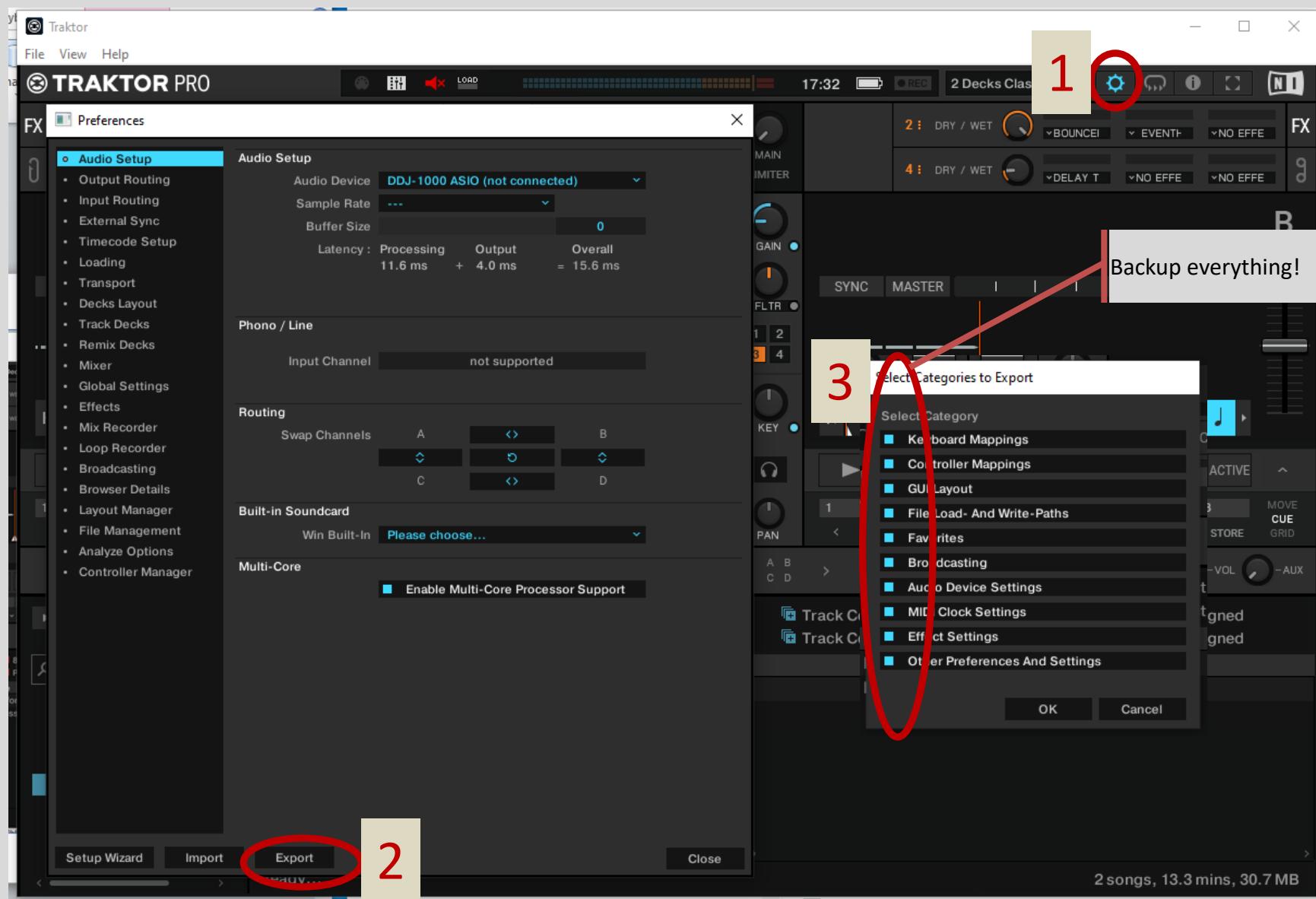
INSTALL TRAKTOR MAPPING (second time):

1. Repeat above process a second time. This is only to avoid a Traktor bug that gets the FX list wrong.

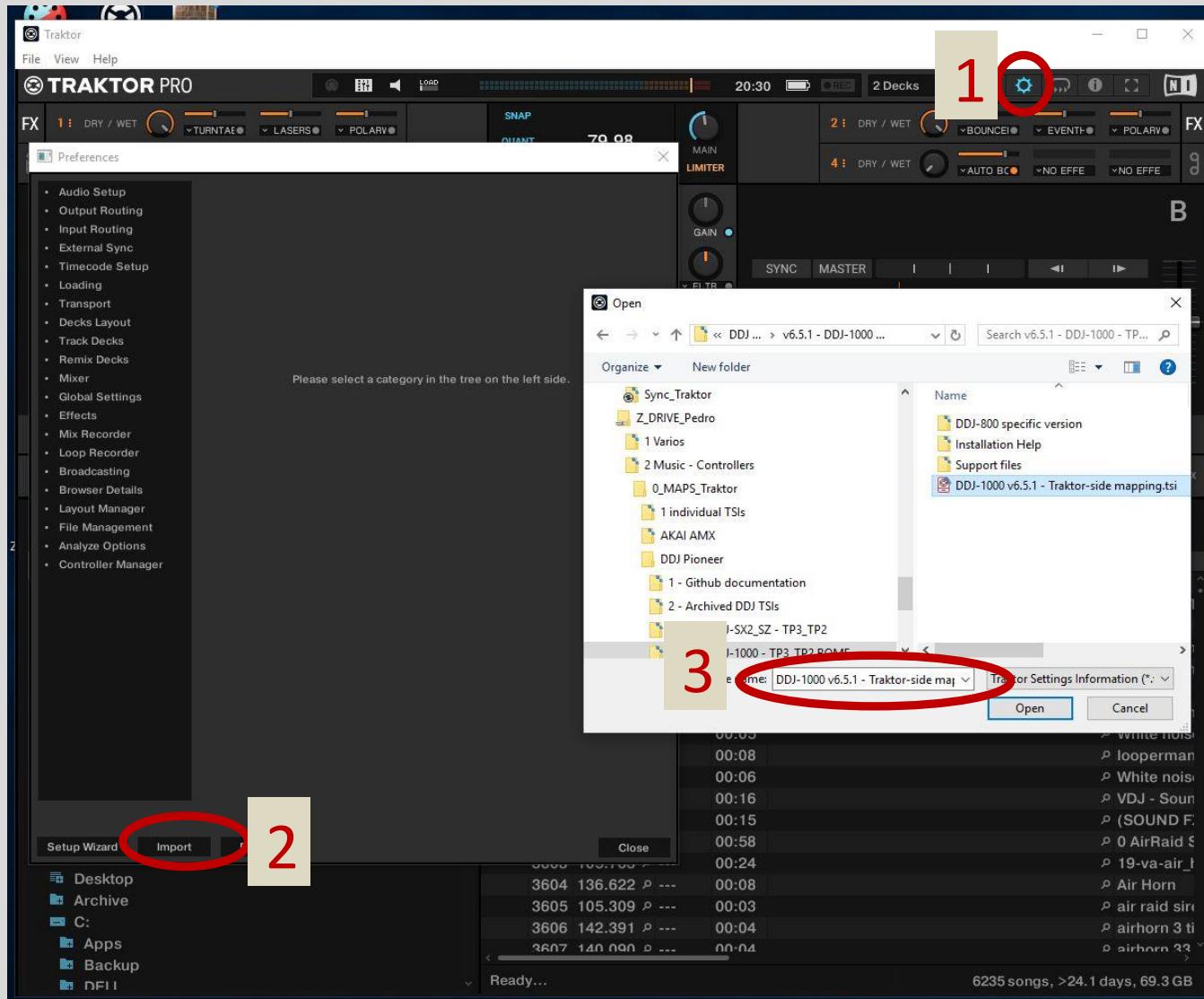
MAC-OS AUDIO OUTPUT ROUTING:

1. Set preferences / Output Routing / Internal to: 2 / 3 / 0 / 1

TRAKTOR: create backup of your settings



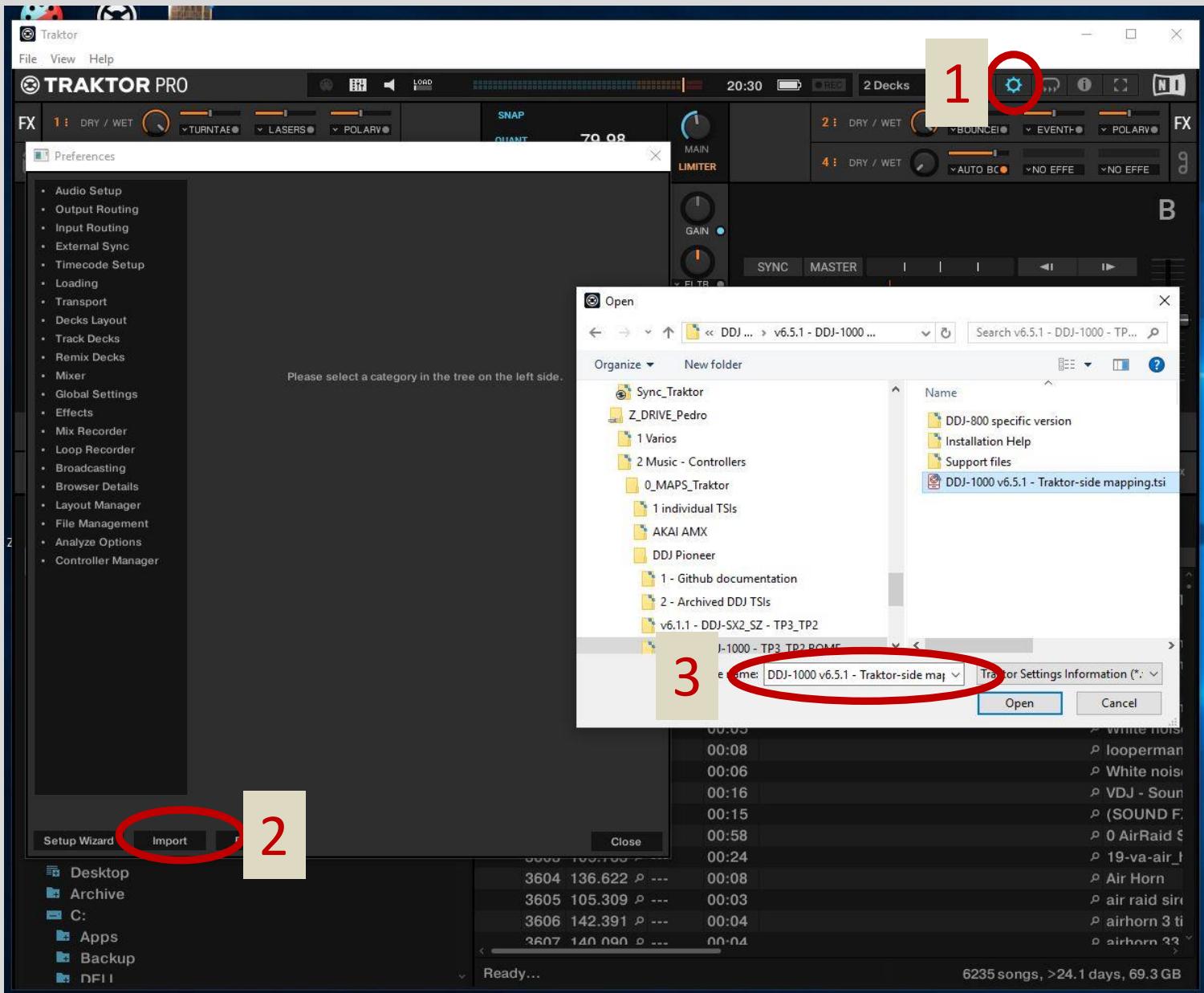
TRAKTOR: import mapping



Please include this
audio device as well

4

TRAKTOR: import mapping (second time!)



(Example for DDJ-1000; other DDJ are similar. See annexes for details)

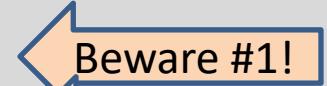
Step #6

MAPPING FOR TRAKTOR:
VERIFICATION

TRAKTOR VERIFICATION:

Note: the Preferences window is now quite slow to open. This is another Traktor bug.

1. Confirm the audio device is “DDJ-1000” / “DDJ-SZ” / etc
 1. Method: Settings ; audio setup ; confirm audio device
2. Confirm the Output routing
 1. Method: Settings ; output routing; confirm “internal”; confirm “3 / 4 / 1 / 2”
 2. (see annexes for other DDJs case)
3. Confirm that all 6x pages have exactly “Bome Midi Translator1”
 1. Method: Settings; controller manager; click each of the 6x pages one-by-one; check IN and OUT port
 2. **DO NOT CHANGE TO DDJ-1000 in the controller manager!!!**
 3. **DO NOT FORGET TO CONFIRM ALL 6x PAGES!**
4. Verify that sound is played
 1. Method: Load a track; click Cue and play/pause repeatedly
 2. Use shift+quantize to send a reset command to BOME
5. Verify that BOME sees all the messages
 1. Method: open the bome window; click the “CUE” button; verify that the BOME log displays at least 8x log lines per human click



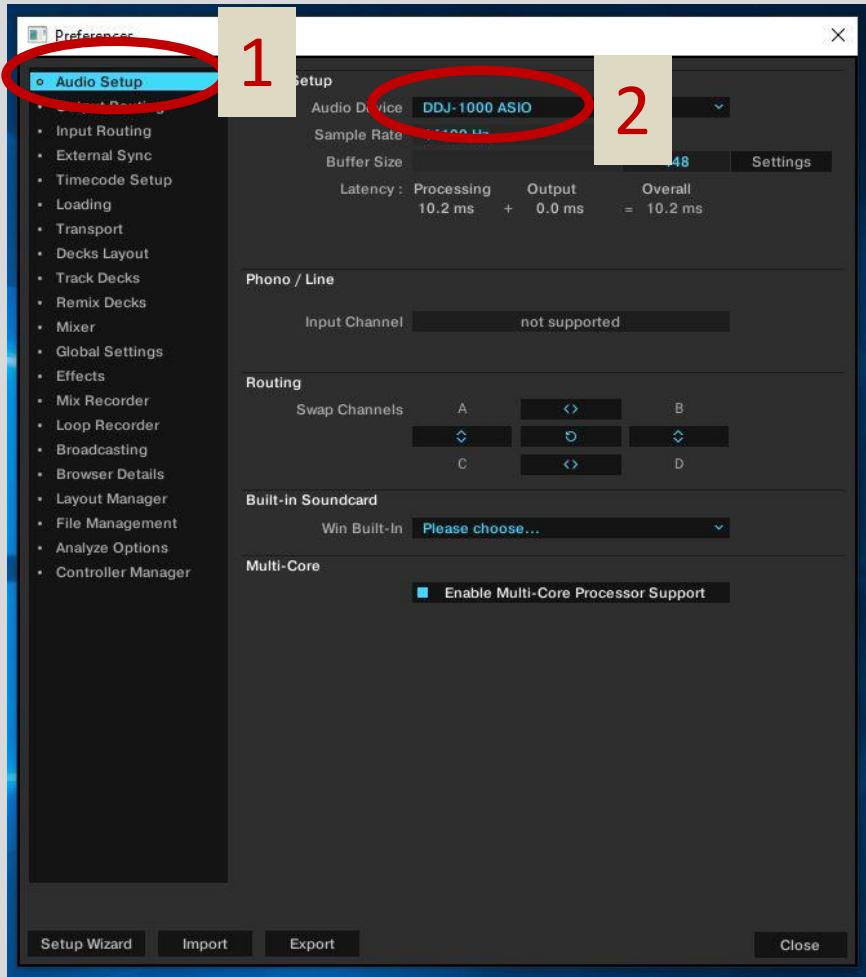
Beware #1!



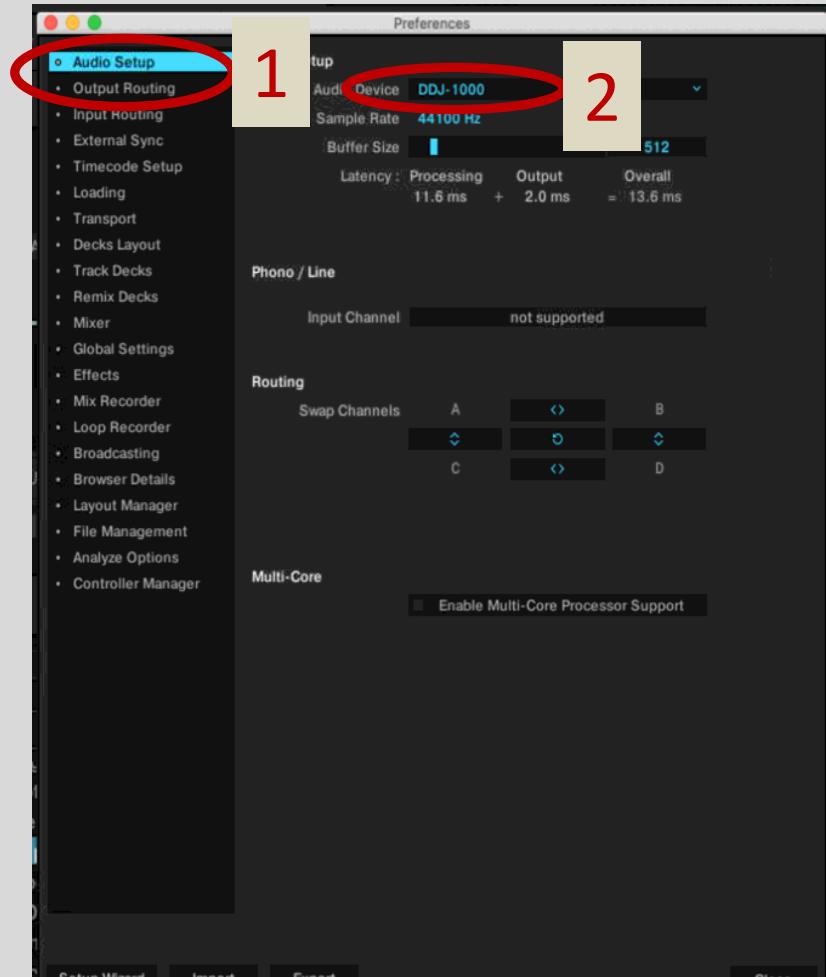
Beware #2!

TRAKTOR: Audio Setup

WINDOWS



MAC



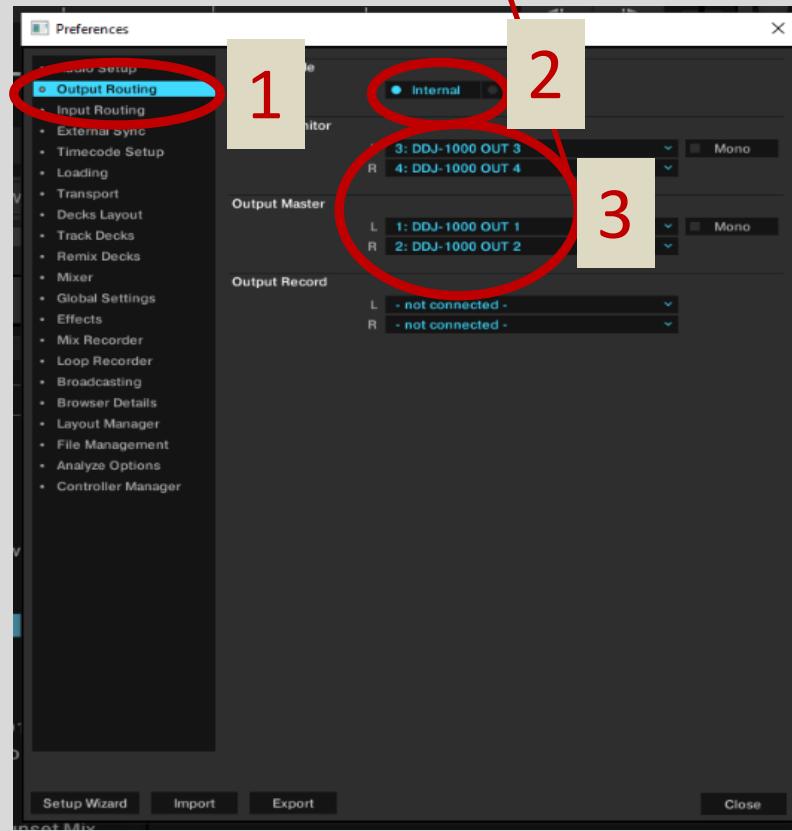
(Example for DDJ-1000; other DDJ are similar. See annexes for details)

TRAKTOR: Output Routing

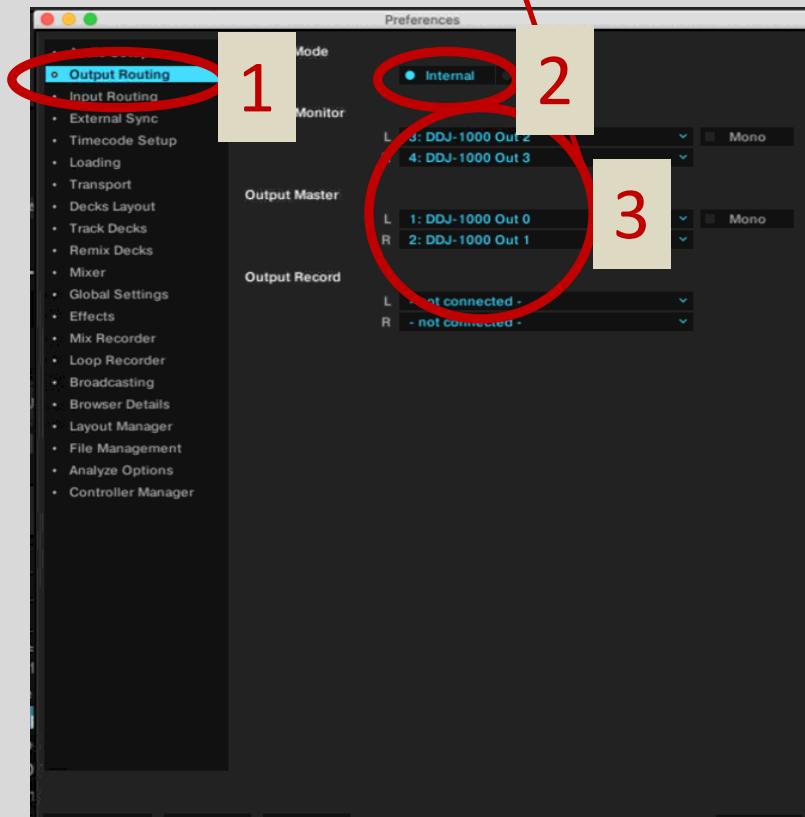
Important: the below pictures are for DDJ-1000 (internal mode);

Some DDJs run in external mode instead (see annexes)

Windows: channels are
3 / 4 / 1 / 2

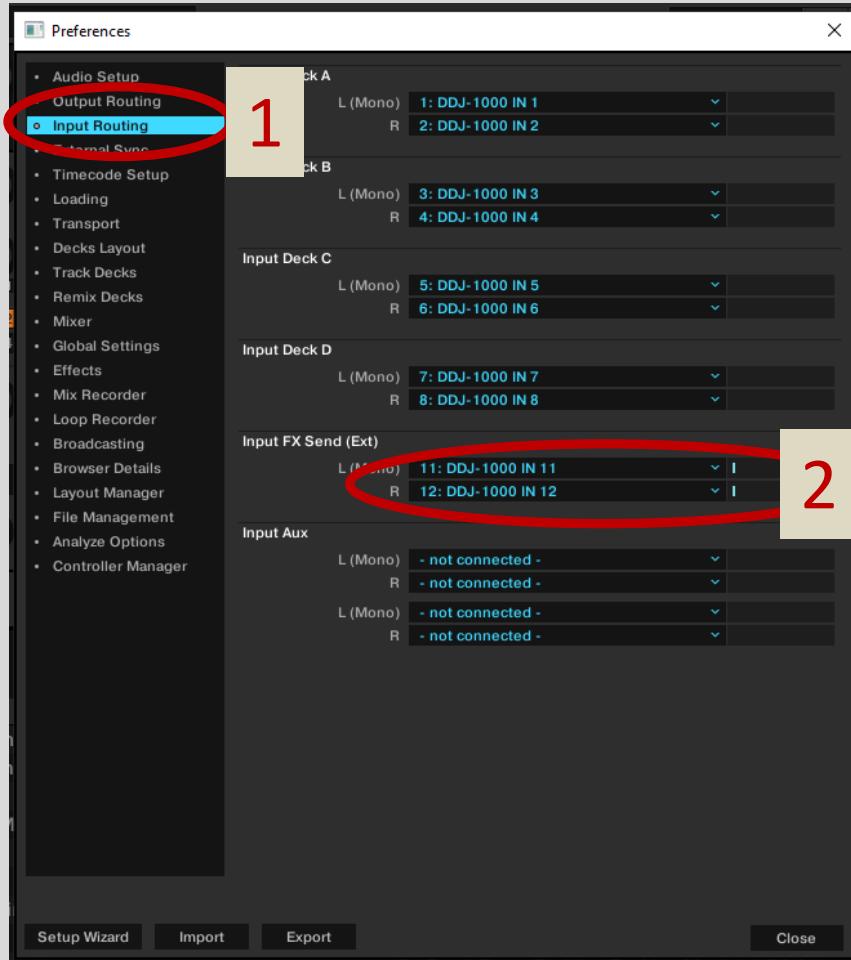


MacOS: channels
are 2 / 3 / 0 / 1

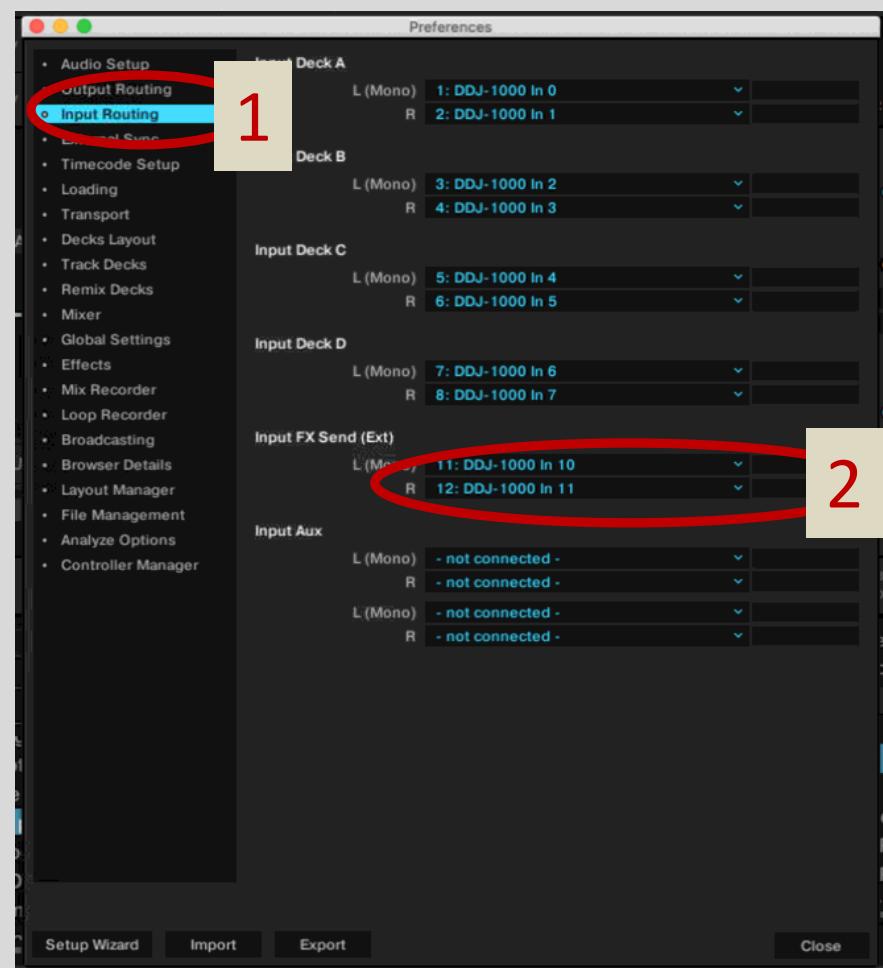


TRAKTOR: Input Routing

WINDOWS



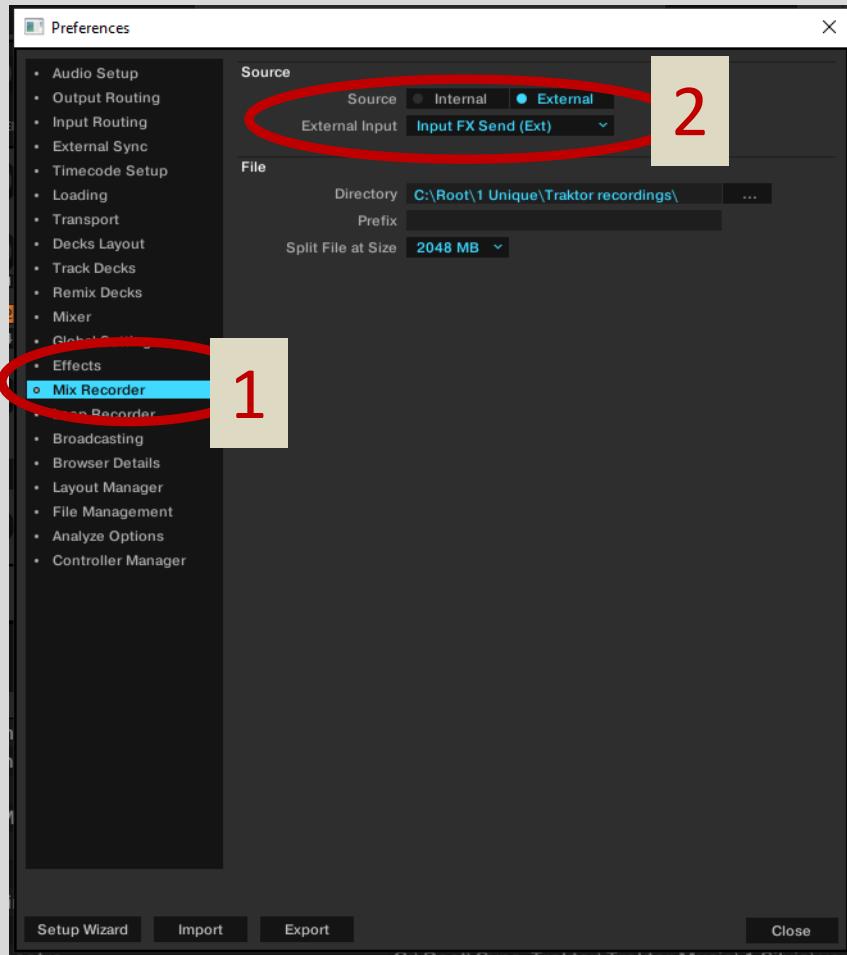
MAC



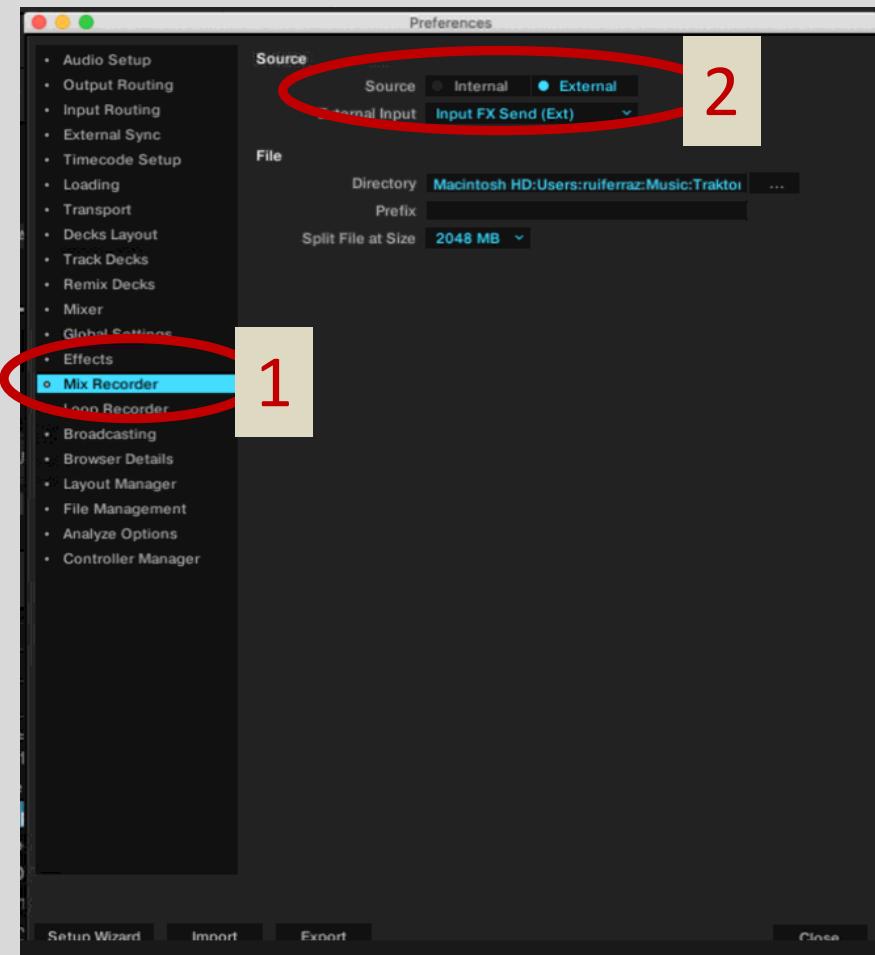
(Example for DDJ-1000; other DDJ are similar, but DDJ-SZ is different. See annexes for details)

TRAKTOR: Mix Recorder

WINDOWS



MAC

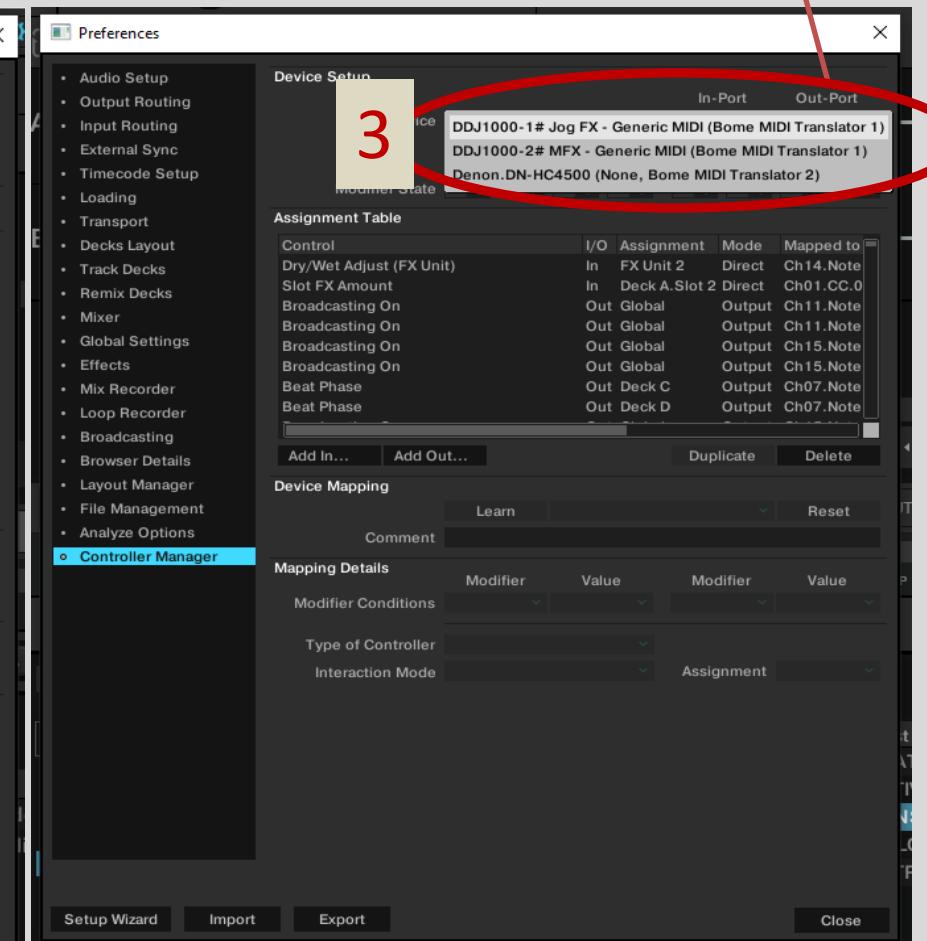
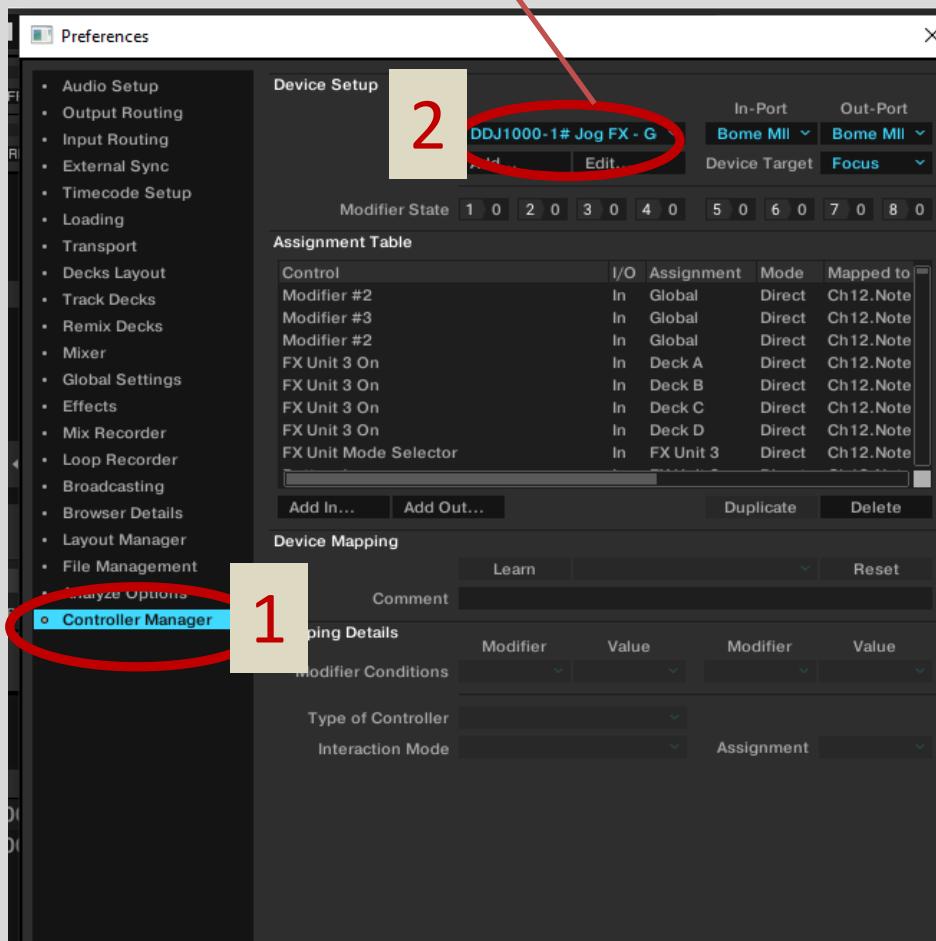


(Example for DDJ-1000; other DDJ are similar. See annexes for details)

TRAKTOR: check MIDI device is long format

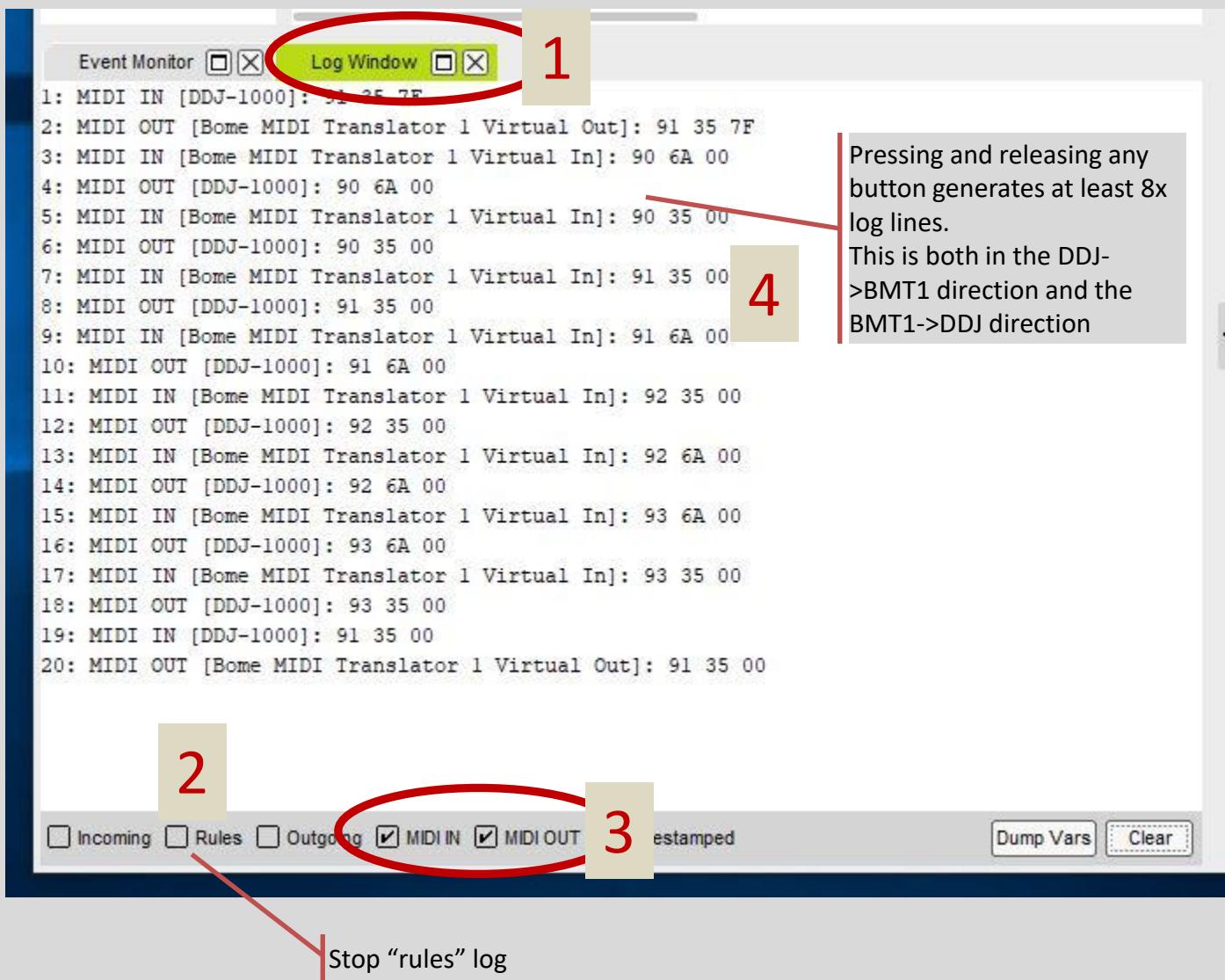
first click here

First 2x pages with virtual device #1, IN+OUT
HC4500 page with virtual device #2, OUT only



IMPORTANT: THESE SETTINGS CHANGED IN V7.0!!!
WE NOW USE 2x VIRTUAL DEVICES

BOME: confirm bidirectional flow



Step #7

PROPER START SEQUENCE

PROPER START-UP SEQUENCE IF YOU HAVE PROBLEMS:

1. Stop everything
2. Start Laptop
3. Start BOME
4. Start your DDJ
5. Start Traktor

If you get a “Pending device Error” in BOME, reconfirm you are NOT opening the DDJ-1000 device in traktor.

In this case, just reinstall the TSI again.

Never do this!!



The screenshot shows the BOME interface. At the top, there are project settings and a 'STOP' button. Below is the 'Project Default MIDI Ports' section, which includes a table of MIDI input ports and their states. A red circle highlights the 'pending (error)' state for the port 'From Traktor -> Bome MIDI Translator 1 Virtual In'. At the bottom, there is an 'Errors' window with a message about a pending device error.

MIDI INPUT	Port State
MIDI IN Port	open (implicit)
<input type="checkbox"/> Bome MIDI Translator 1 Virtual In	open (implicit)
<input type="checkbox"/> Bome MIDI Translator 2 Virtual In	open
<input type="checkbox"/> Bome Virtual Port 1 -> Bome MIDI Translator 1 Virtual In	open
<input type="checkbox"/> Bome Virtual Port 2 -> Bome MIDI Translator 2 Virtual In	open
<input type="checkbox"/> DDJ-1000	closed
<input type="checkbox"/> From DDJ -> DDJ-1000	pending (error)
<input type="checkbox"/> From HC4500 -> Bome MIDI Translator 2 Virtual In	open
<input checked="" type="checkbox"/> From Traktor -> Bome MIDI Translator 1 Virtual In	open

Event Monitor Log Window Errors

MIDI INPUT 'DDJ-1000' cannot be opened (maybe in use by another program?). It is set to 'pending'.

ANNEXES

IF ITS STILL NOT WORKING #1

A) AUDIO doesn't work:

Re-confirm the DDJ-1000 is your audio device

Re-confirm output routing is 3/4/1/2 in windows and 2/3/0/1 in macOS

Re-confirm Rekordbox performance mode works

B) AUDIO works - but buttons doesn't :

Re-confirm you have BOME in the macOS accessibility security

Re-confirm you have "Bome midi Translator 1" on the 2x pages in Traktor

Check if any device is in "error state" in BOME

Restart BOME (toggle red button on upper right corner)

C) The buttons work, but the lights / jog screens dont:

Reset the jog Screens using shift+quantize

Restart BOME (toggle red button on upper right corner)

Restart components in this order: #1 Laptop / #2 BOME / #3 DDJ / #4 Traktor

D) (v7.0 only) Jog screens work, but timestamp doesn't go up:

Ensure you have 2x virtual bome devices, and HC4500 points to BMT#2

Deck 3 and 4 lack this feature at the moment

IF ITS STILL NOT WORKING #2

*For a small fee I will install this mapping remotely for you.
Interested? send an email to pedro.estrela@gmail.com*

ANNEX: REMOTE HELP WITH A WETRANSFER VIDEO

HD VIDEO RECORDING:

I may ask you to record a video of your issue if I don't understand it.

In this case follow these steps:

1. Preparation:

- 1. Find a repeatable method to trigger the issue**
- 2. Only use Loops as the music source**
- 3. Turn on the lights of your room**
- 4. Always record in high definition**

2. Demonstration:

- 1. Use landscape mode**
- 2. Point your camera to the controller and then to the screen to show me specific things.**
- 3. Be sure that I can see the whole screen.**
- 4. Make the video as long as necessary for me to see the issue clearly.**

3. If you need to use two hands:

- 1. drop the camera in the table for that operation**

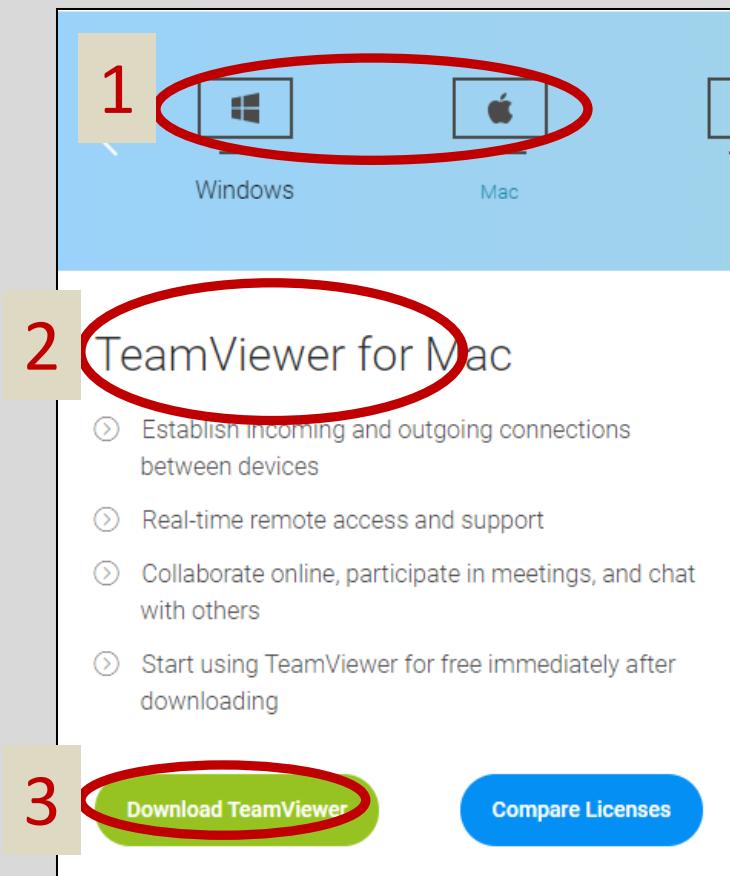
4. Post processing:

- 1. Upload the HD video to <http://wetransfer.com>**
- 2. Send me the link to pedro.estrela@gmail.com**

ANNEX: REMOTE HELP WITH TEAMVIEWER

TEAMVIEWER SOFTWARE INSTALLATION:

1. Teamviewer is a **free** way to remote control
2. Its also very **simple**. No login needed.
3. Download link:
 1. <https://www.teamviewer.com/en/download/mac-os/>
 2. <https://www.teamviewer.com/en/download/windows/>

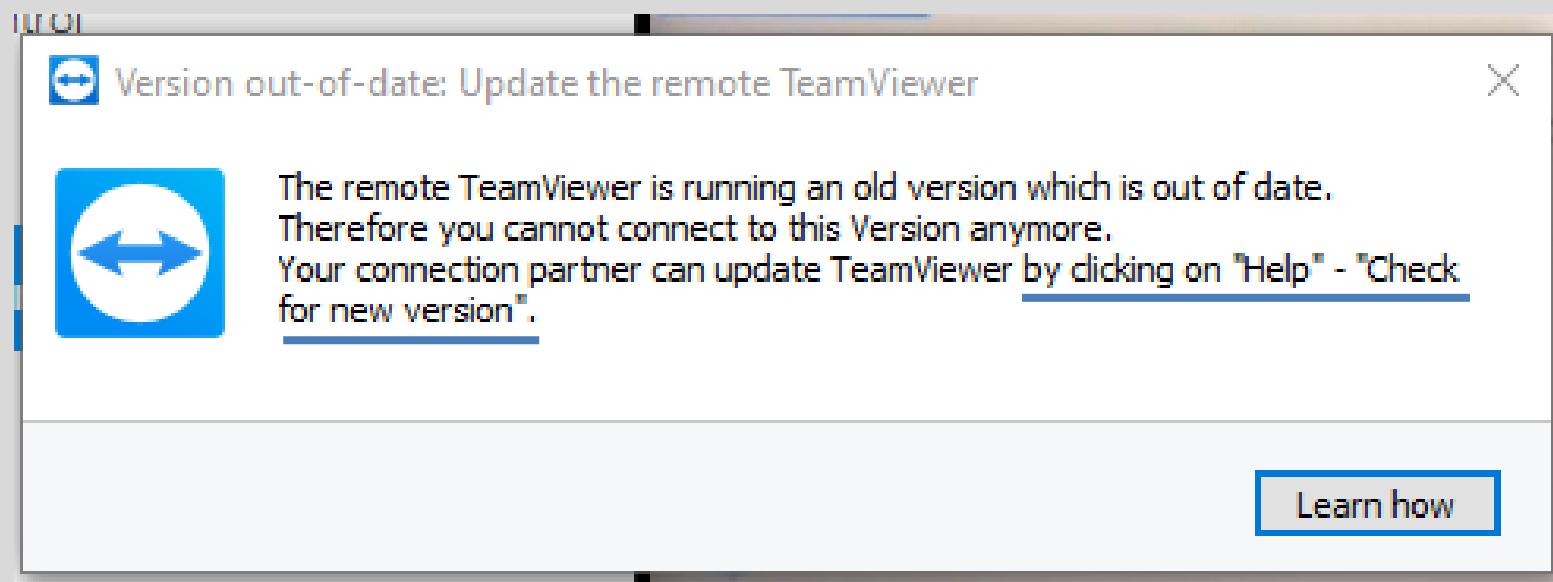


TEAMVIEWER OLD VERSION:

If you have MacOS Sierra 10.12.6, install v13 instead:

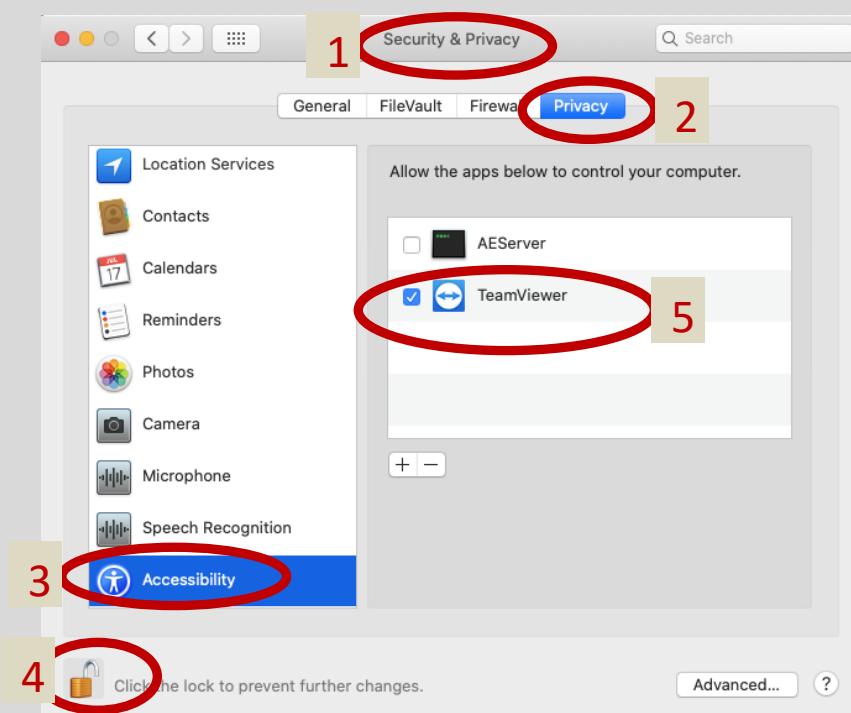
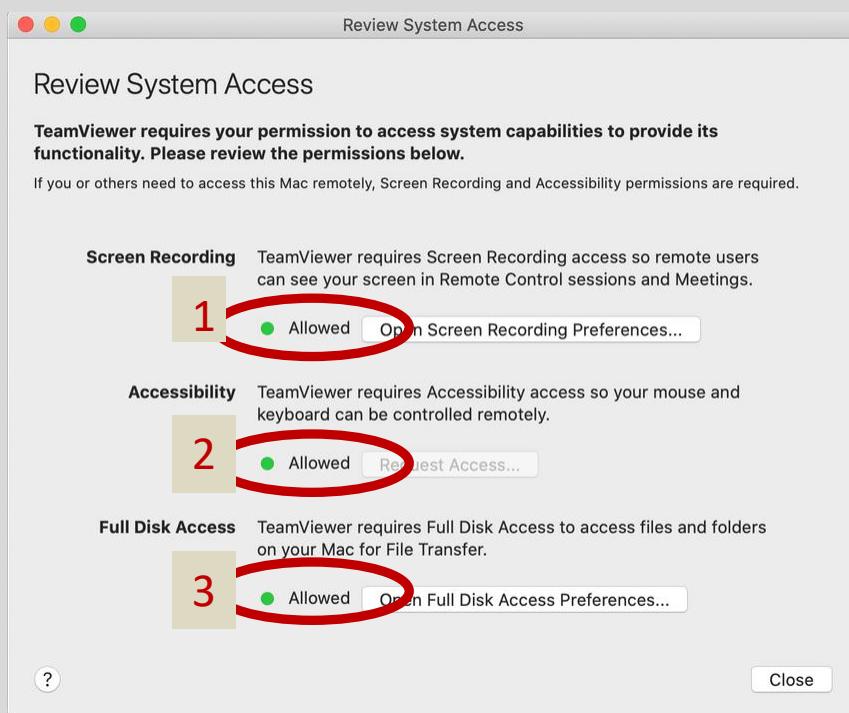
https://download.teamviewer.com/download/version_13x/TeamViewer.dmg

Then, update it by clicking “Help” / “Check for new version”



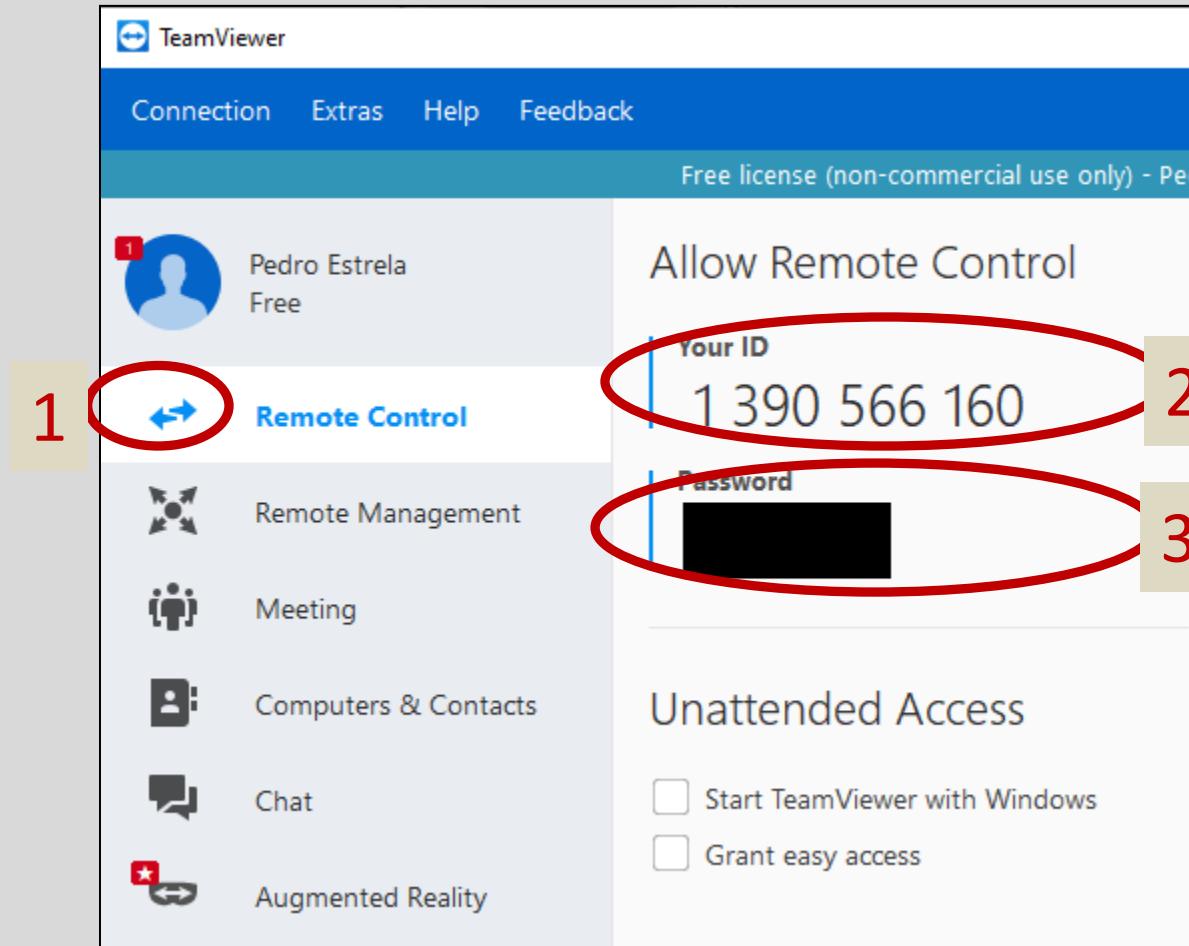
MAC-OS SECURITY ENABLE:

1. macOS 10.9 and later:
 1. System Preferences → Security & Privacy → Privacy → Accessibility -> Add “Teamviwer”
2. macOS 10.8 and earlier:
 1. System Preferences → Universal Access → check 'access for assistive devices'
3. More info: <https://community.teamviewer.com/t5/Knowledge-Base/How-to-control-a-Mac-running-macOS-10-14-or-higher/ta-p/44699>



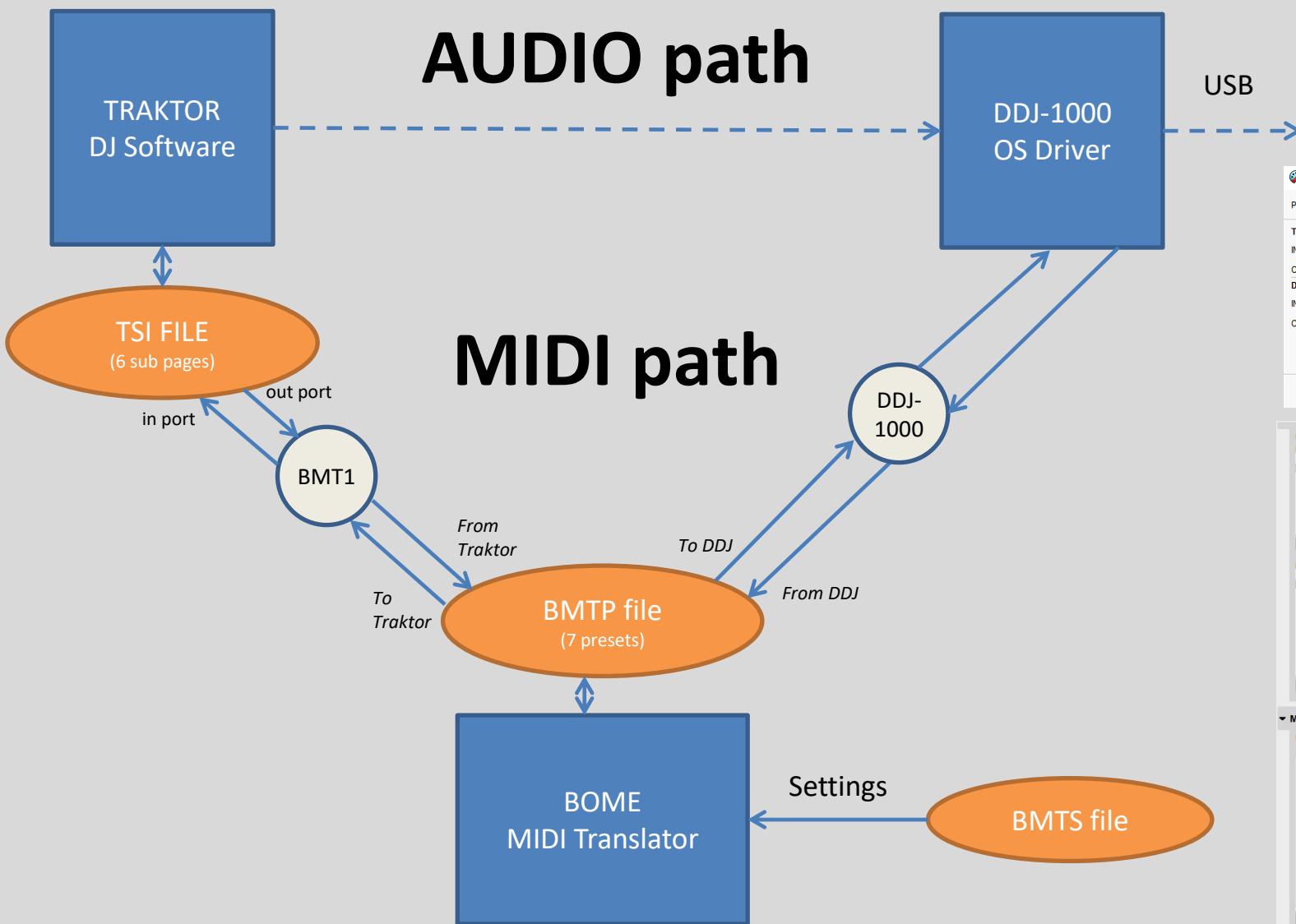
TEAMVIEWER REMOTE CONTROL:

1. Run the software
2. Send me your teamviwer ID and password

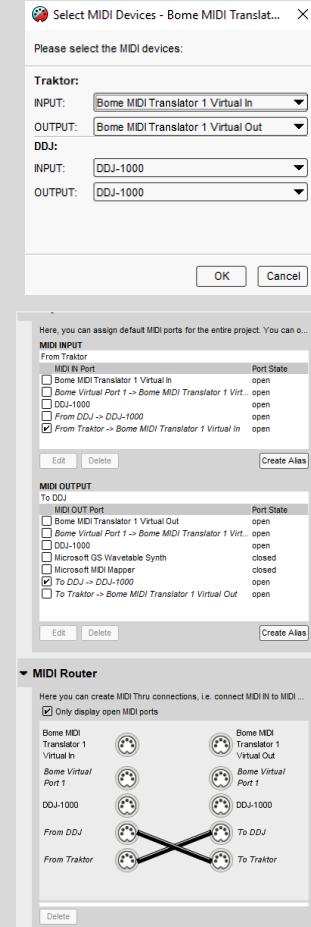


ANNEX: STABILITY, RESTARTS AND FIRMWARE BUGS

AUDIO path



MIDI path

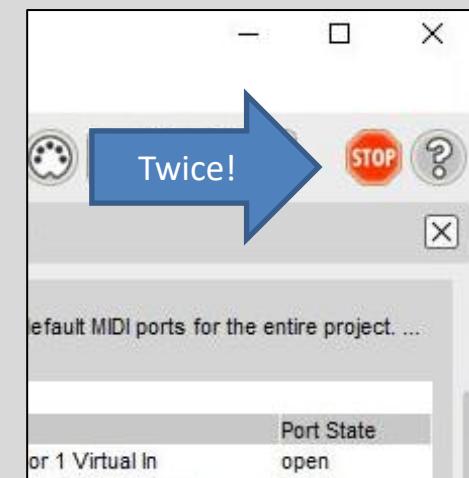


DDJ-1000: Restart stability

What happens in the following situations, without doing any further manual work?

	Audio?	Midi Control?	LEDs?
Stop Traktor	Audio Stop	Stops	Stops
Start Traktor	Needs manual start	Starts by itself	Starts by itself
Stop BOME	Audio continues	Stops	Stops
Start BOME	Audio continues	Starts by itself	Starts by itself
Power-off DDJ	Audio stops	Stops	Stops
Power-on DDJ	Continues where it was	Starts by itself	Needs manual BOME restart
Remove USB cable	(same)	(same)	(same)
Reconnect (same DDJ port)			
Remove USB cable	(same)	(same)	(same)
Reconnect (diff. DDJ port)			

To restart BOME:



DDJ-1000: forced MIDI mode

In my experience there is **no need** to set the unit to forced MIDI mode.

In particular there was **no difference** on the restart stability (see prev page).

If this is ever necessary, instructions are on page 26 of the DDJ-1000 manual:

- no USB cable
- power off DDJ
- Press left play + left shift + turn on DDJ
- left Slip Reverse:
 - Off = auto mode
 - ON = forced mode
- Power off DDJ
- Power ON DDJ
- insert USB cable.

DDJ firmware Bugs / Limitations

DDJ-1000:

Ticket number	Controller	Description
147606	DDJ-1000	Jog screen sync led gets stuck
147606	DDJ-1000	BeatFX doesn't respond to messages, and doesn't tell the current state
147606	DDJ-1000	Jog Ring brightness not customizable
147606	DDJ-1000	Impossible to know which deck you are (deck1 vs 3)
203047	DDJ-1000	Faders ignore USB-selector
205732	DDJ-1000	Impossible to know beatFX parameter value

Other:

Ticket number	Controller	Description
147606	DDJ-1000SRT	Jog Screens not mappable because of a business decision of the Serato company
147606	DDJ-800	Jog Screens dead, eventough they are described in the MIDI table and are the same as DDJ-1000
159944	XDJ-XZ	Shift doesn't send alternative messages
159944	XDJ-XZ	Jog screens only have needle and cue marker
159944	XDJ-XZ	Jog turn/touch same message for vinyl=off

Pioneer new ticket: https://forums.pioneerdj.com/hc/en-us/requests/new?ticket_form_id=72145
(clean your cookies and disable AddBlockPlus to use the Pioneer forum)

Serato new request: <https://serato.com/forum/discussion/1736390>

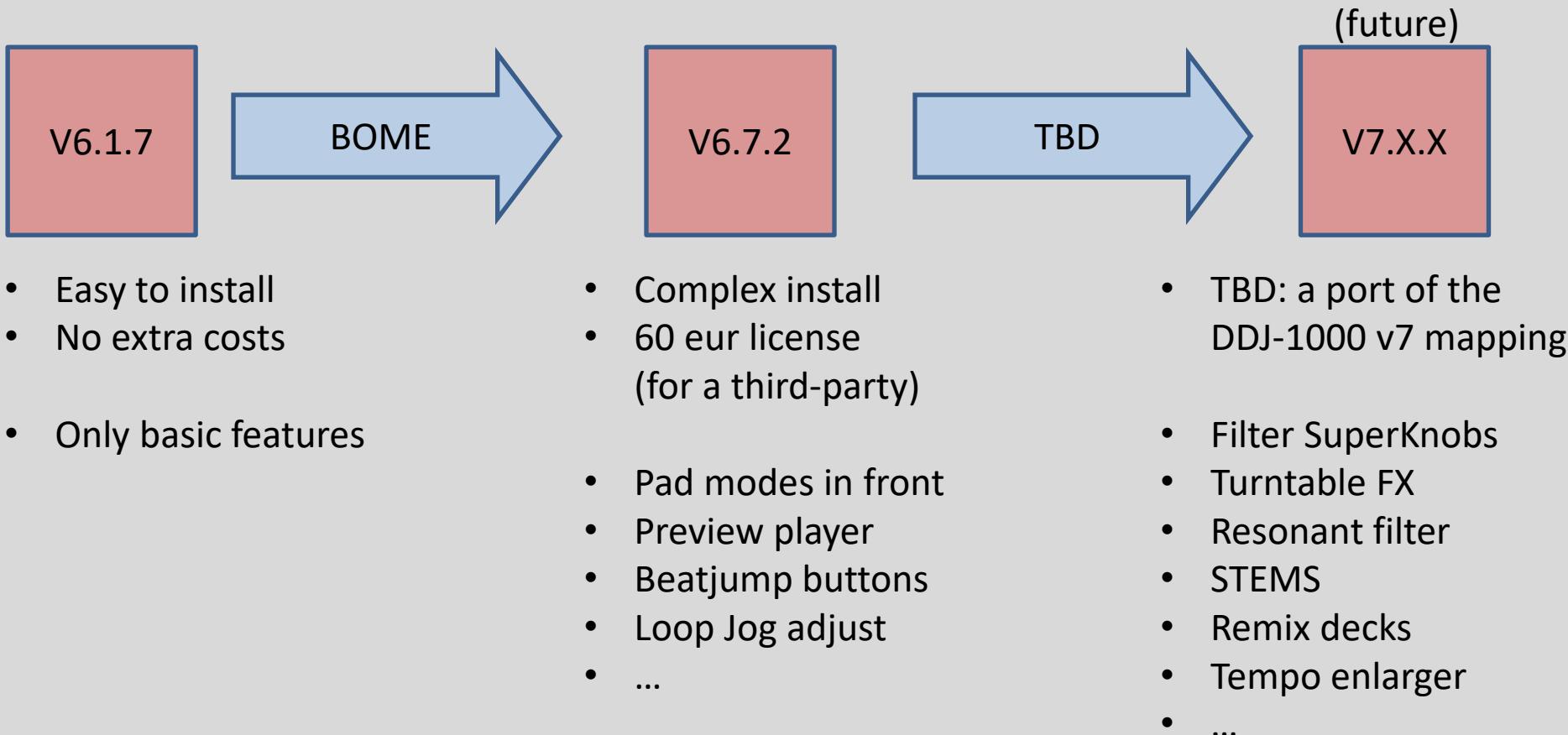
ANNEX:

SPECIFIC INFO FOR

SX2/SZ/SRT line of

controllers

WHICH VERSION TO CHOOSE (DDJ-SX2/SZ)



SX2/SZ has two versions: with/without BOME. The zip file includes both versions.

The [BOME migration](#) was essential to enable features that are impossible with Traktor alone;

in particular there is now a single unified mapping shared with the DDJ-1000.

In the future, this will enable to port the recoded v7.0 map to the SX2/SZ as well.

ANNEX: DDJ-1000SRT (1)

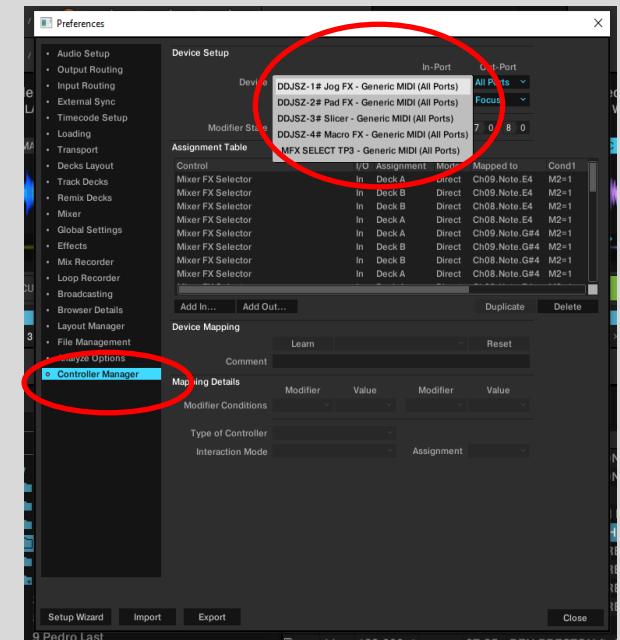
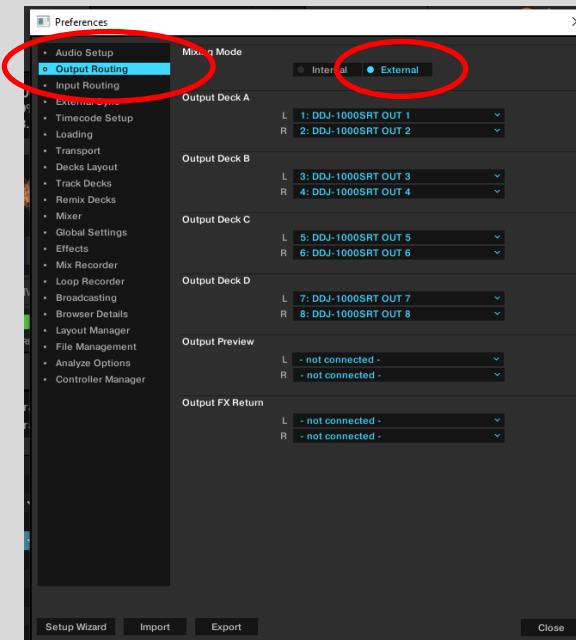
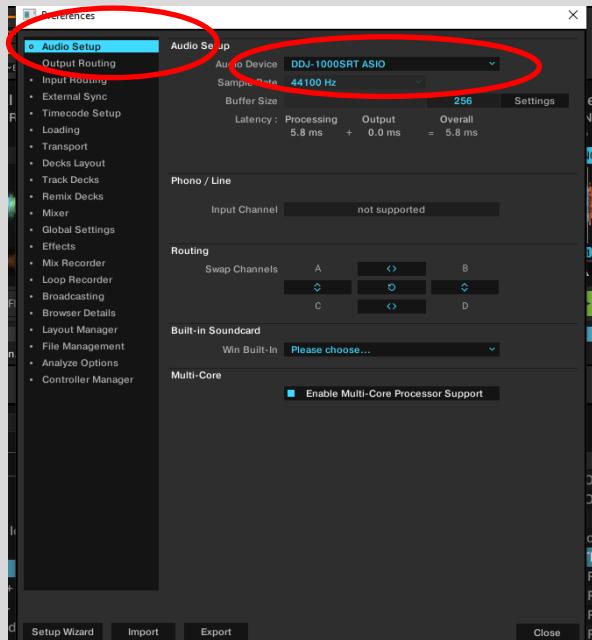
DDJ-1000SRT specific instructions for the Traktor mapping (for v6.1.X – not yet updated to V6.7.0 BOME)

Please use the specific TSI for the DDJ-1000SRT. This is the same mapping as the DDJ-SZ mapping, but with small customizations to make it work well on the SRT:

- Jog screens are NOT supported. This is because they are not documented on the Pioneer MIDI map file. Please request this in <https://serato.com/forum/discussion/1736390>
- Please put your jog weight to “heavy”
 - This will significantly improve scratching and jogFX
- Audio device in external mode.
 - This means that ALL the pioneer effects (both colorFX and beatFX work for USB sources
 - See next slides for config
- Please avoid VINYL OFF mode. The TSI disables jog touch in this case, but the jog loses resolution compared to VINYL ON mode
- Beatjump buttons added. Please use shift+IN/OUT to configure the loop size (=jump size)
- BeatFX ON/OFF is now for pioneer beatFX only
- Automatic layout changing was removed

ANNEX: DDJ-1000SRT (2)

(note: pictures are for v6.1.X; v6.7.0 will also work, but was not tested yet)



ANNEX: DDJ-SZ

The screenshots illustrate the configuration steps for the DDJ-SZ controller in Traktor Pro:

- Screenshot 1: Preferences > Audio Setup**

 - Shows the 'Output Routing' section with 'PIONEER DDJ-SZ ASIO' selected.
 - Shows the 'Mixing Mode' switch set to 'External'.
 - Shows the 'Output Deck A' mapping: L: 1: PIONEER DDJ-SZ OUT 1, R: 2: PIONEER DDJ-SZ OUT 2.
 - Shows the 'Output Deck B' mapping: L: 3: PIONEER DDJ-SZ OUT 3, R: 4: PIONEER DDJ-SZ OUT 4.
 - Shows the 'Output Deck C' mapping: L: 5: PIONEER DDJ-SZ OUT 5, R: 6: PIONEER DDJ-SZ OUT 6.
 - Shows the 'Output Deck D' mapping: L: 7: PIONEER DDJ-SZ OUT 7, R: 8: PIONEER DDJ-SZ OUT 8.
 - Shows the 'Output Preview' mapping: L: 7: PIONEER DDJ-SZ OUT 7, R: 8: PIONEER DDJ-SZ OUT 8.
 - Shows the 'Output FX Return' mapping: L: - not connected -, R: - not connected -.

A large blue arrow points from the 'Output Preview' section of the second screenshot down to the 'HotCue 1' entry in the 'Controller Manager' of the third screenshot.

Screenshot 2: Output Routing Configuration

- Shows the 'Output Routing' configuration for 'External' mode.
- Shows the mapping of DDJ-SZ outputs to XDJ-XZ ports.

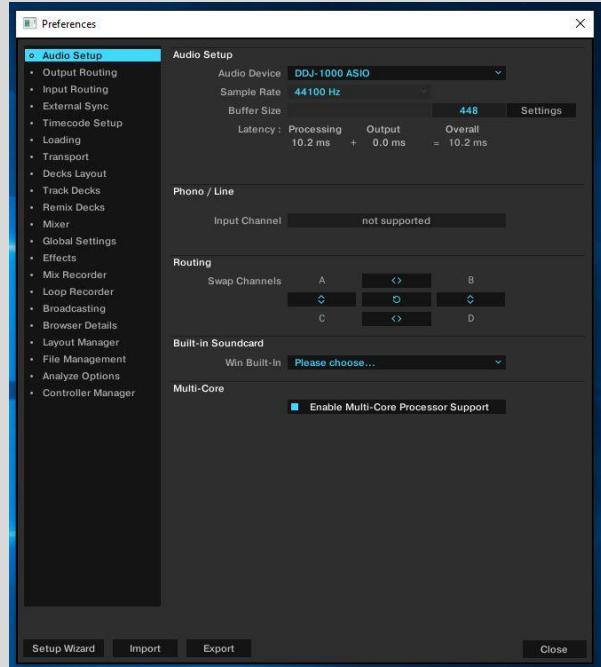
Screenshot 3: Controller Manager

- Shows the 'Controller Manager' tab in the 'Device Setup' preferences.
- Shows a mapping for 'HotCue 1' assigned to 'Deck A'.

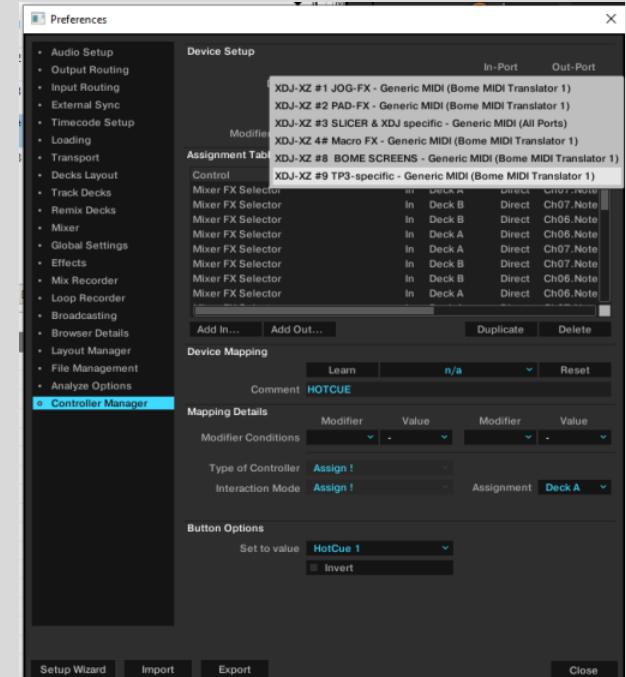
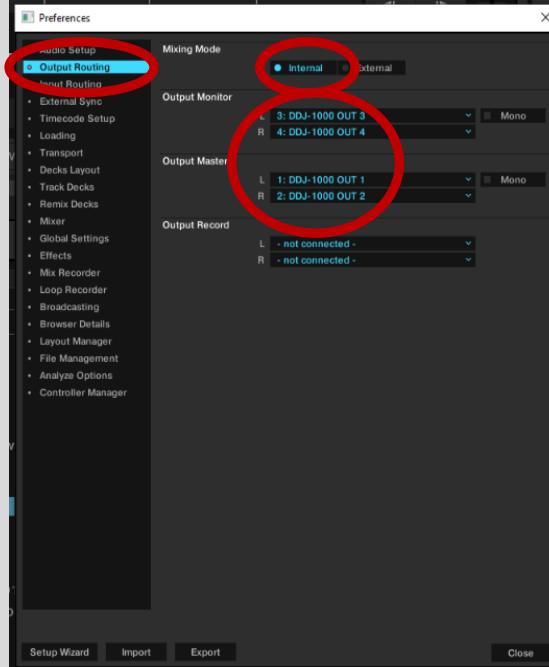
SET PREVIEW TO
SAME VALUES
AS DECK 4!

ANNEX: DDJ-SX2

(Select SX2 device here)

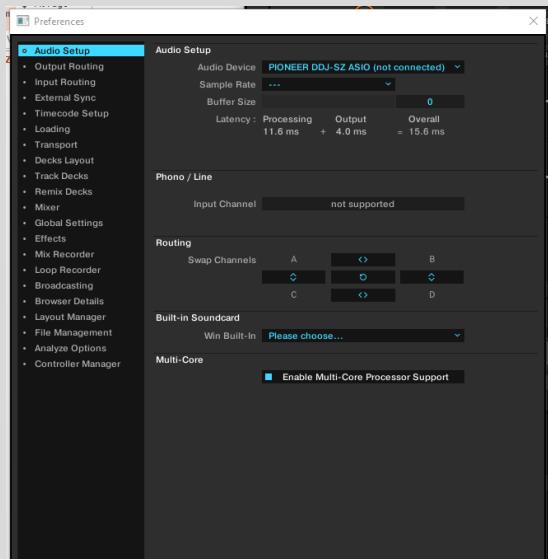


(Put SX2 channels here)

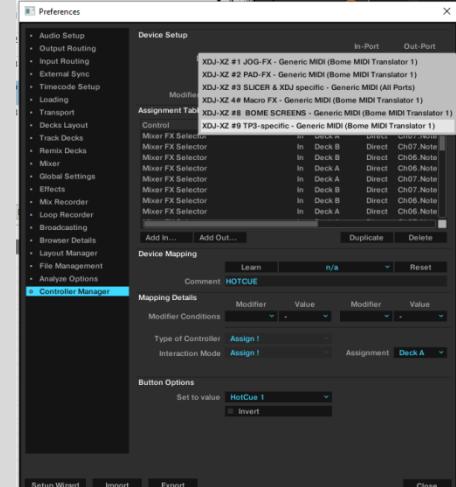
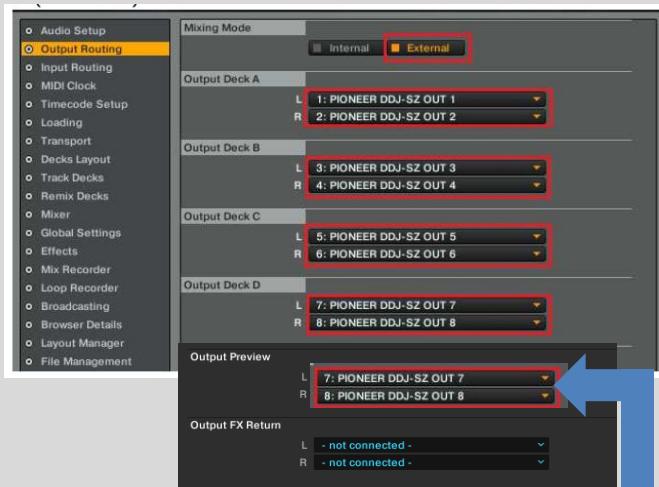


ANNEX: DDJ-SX3

(Select SX3 device here)



(Select SX3 device here)



SET PREVIEW TO
SAME VALUES
AS DECK 4!

ANNEX:

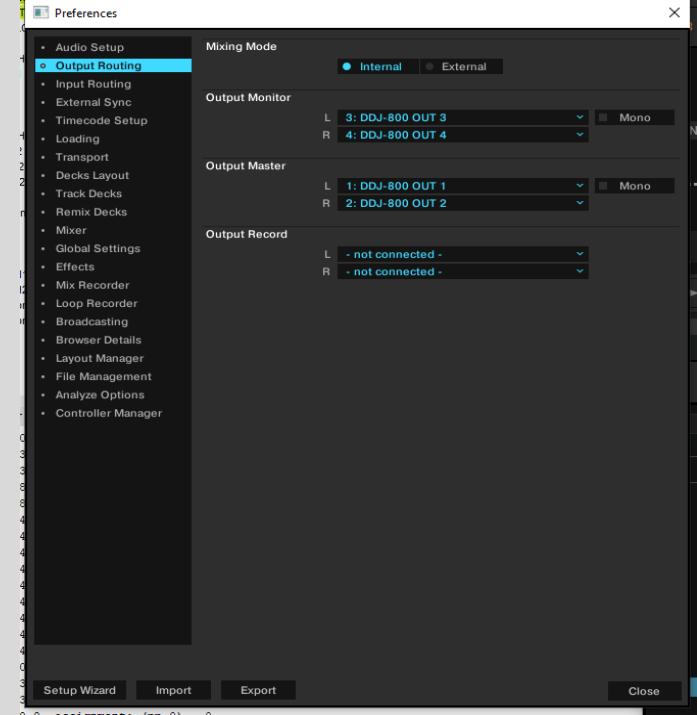
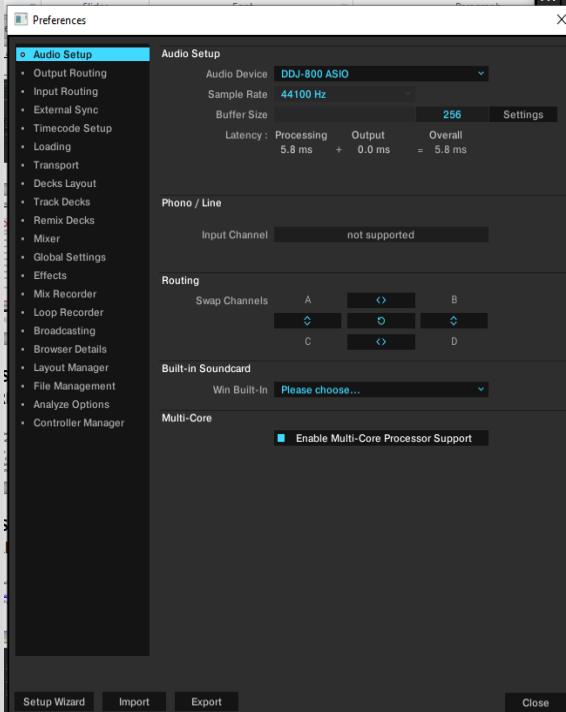
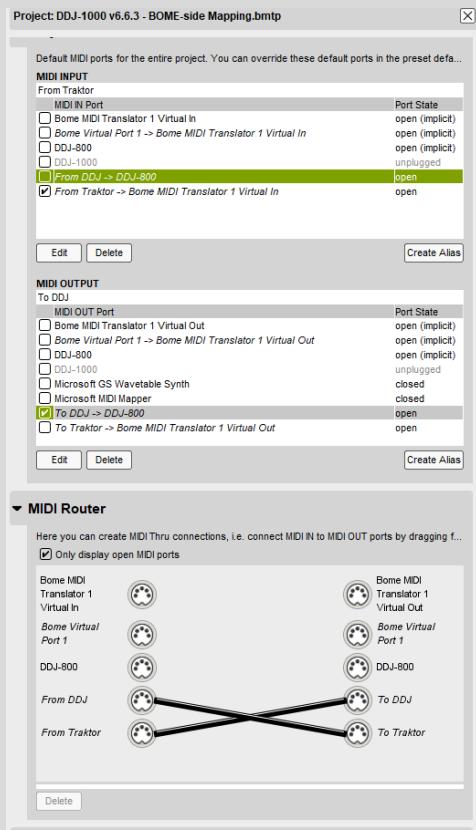
SPECIFIC INFO FOR 800, XDJ-XZ, and XP line of controllers

ANNEX: DDJ-800

DDJ-800 specific notes:

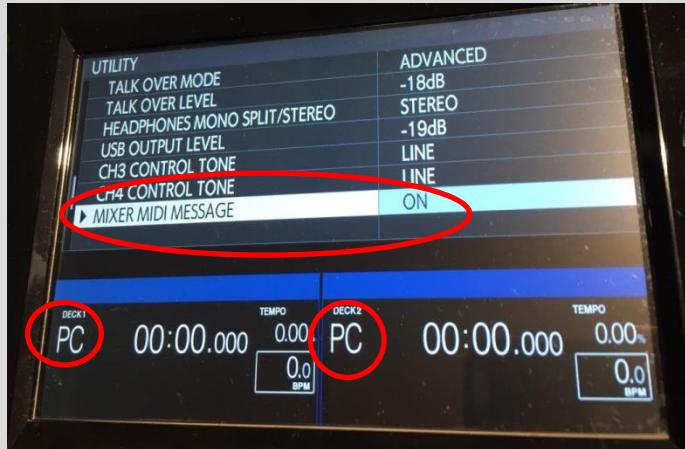
- Firmware 1.01 (april 2019) has a bug that precludes using the jogs screens.
- This was reported and acknowledged by Pioneer.

<https://www.pioneerdj.com/en-us/support/software/controller/ddj-800/>

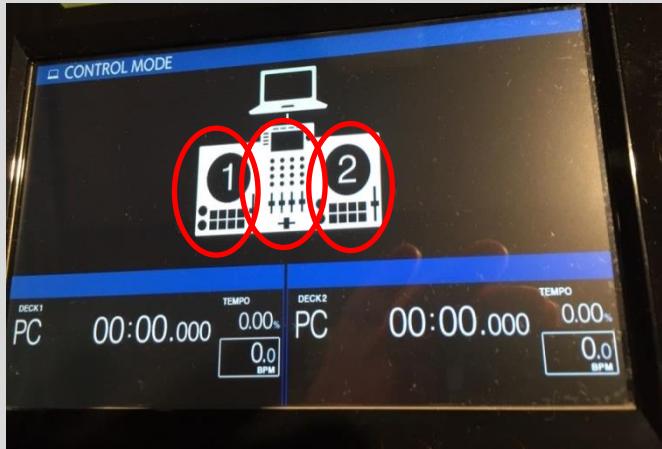


ANNEX: XDJ-XZ (1/3)

Device Config:



To link: press browse / press Link / press Load1+2



More info: See page 128 of the Pioneer Manual:

<https://github.com/pestrela/music/blob/master/ddj/4%20Manuals/XDJ-XZ%20-%20Full%20Manual.pdf>

XDJ-XZ features video:

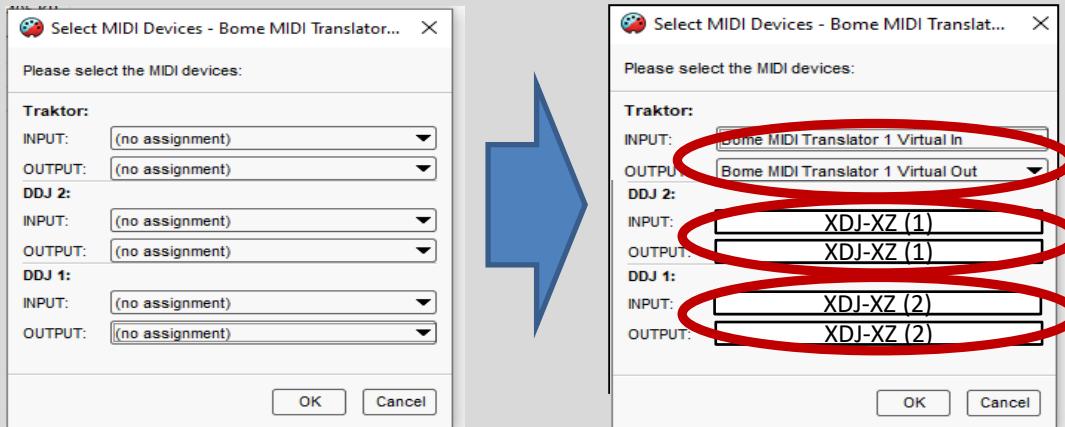
<https://www.youtube.com/watch?v=7EPfY9bGGIw&list=PLlIvTGzSxI0UV1oJfRDL4fYY9oRyLkBik&index=1>

BOME installation video:

https://youtu.be/MbGP_ECnWiQ

ANNEX: XDJ-XZ (2/3)

BOME aliases:



Proper BOME config:

Project: XDJ-XZ v6.6.0 - BOME-side mapping.bmtp

To

	MIDI IN Port	Port State
<input type="checkbox"/>	Bome MIDI Port 1 -> Bome MIDI Translator 1 Virtual In	open (implicit)
<input type="checkbox"/>	Bome Router Port 1 -> Bome MIDI Translator 1 Virtual In	open (implicit)
<input type="checkbox"/>	From DDJ 1 -> XDJ-XZ (1)	open
<input type="checkbox"/>	From DDJ 2 -> XDJ-XZ (2)	open
<input checked="" type="checkbox"/>	From Traktor -> Bome MIDI Translator 1 Virtual In	open (implicit)
<input type="checkbox"/>	XDJ-XZ (1)	open (implicit)
<input type="checkbox"/>	XDJ-XZ (2)	open (implicit)

From

	MIDI OUT Port	Port State
<input type="checkbox"/>	To DDJ 1	open (implicit)
<input type="checkbox"/>	To DDJ 2	closed
<input type="checkbox"/>	To Traktor	open (implicit)
<input type="checkbox"/>	XDJ-XZ (1)	open (implicit)
<input type="checkbox"/>	XDJ-XZ (2)	open (implicit)

Edit Delete Create Alias

MIDI OUTPUT

	MIDI OUT Port	Port State
<input type="checkbox"/>	Bome MIDI Translator 1 Virtual Out	open (implicit)
<input type="checkbox"/>	Bome Virtual Port 1 -> Bome MIDI Translator 1 Virtual Out	open (implicit)
<input type="checkbox"/>	Microsoft GS wavetable Synth	closed
<input type="checkbox"/>	Microsoft MIDI Mapper	open
<input checked="" type="checkbox"/>	To DDJ 1 -> XDJ-XZ (1)	open
<input checked="" type="checkbox"/>	To DDJ 2 -> XDJ-XZ (2)	open
<input type="checkbox"/>	To Traktor -> Bome MIDI Translator 1 Virtual Out	open (implicit)
<input type="checkbox"/>	XDJ-XZ (1)	open (implicit)
<input type="checkbox"/>	XDJ-XZ (2)	open (implicit)

Edit Delete Create Alias

Proper BOME config:

▼ MIDI Router

Here you can create MIDI Thru connections, i.e. connect MIDI IN to...

Only display open MIDI ports

From DDJ 1 **To DDJ 1**
From DDJ 2 **To DDJ 2**
From Traktor **To Traktor**

Proper BOME log:

```

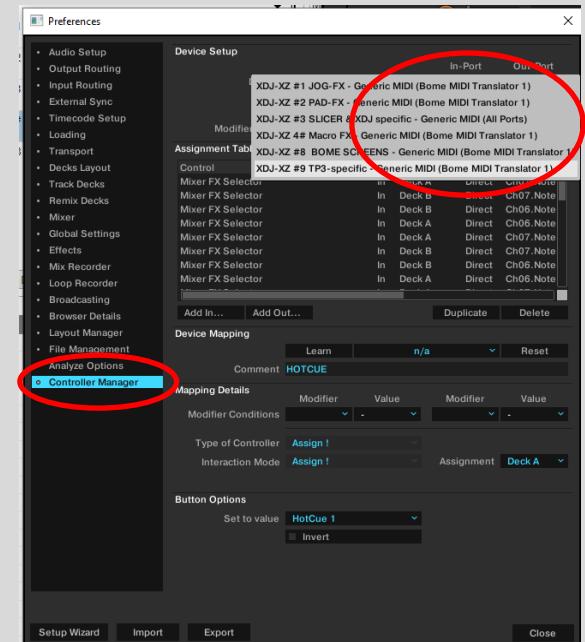
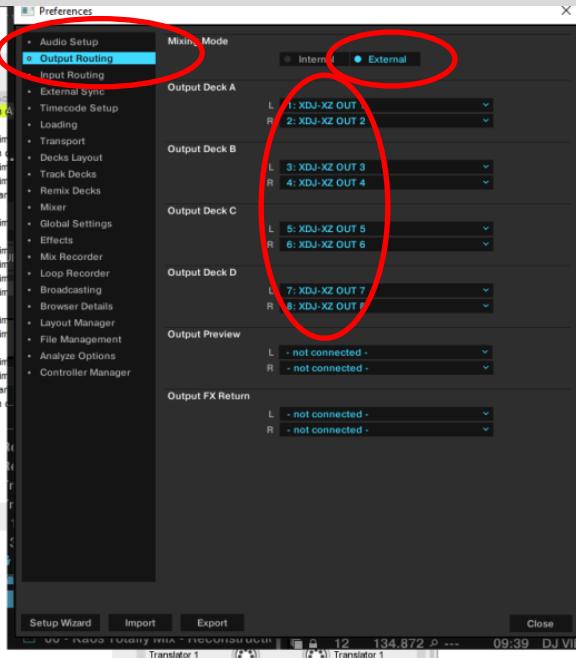
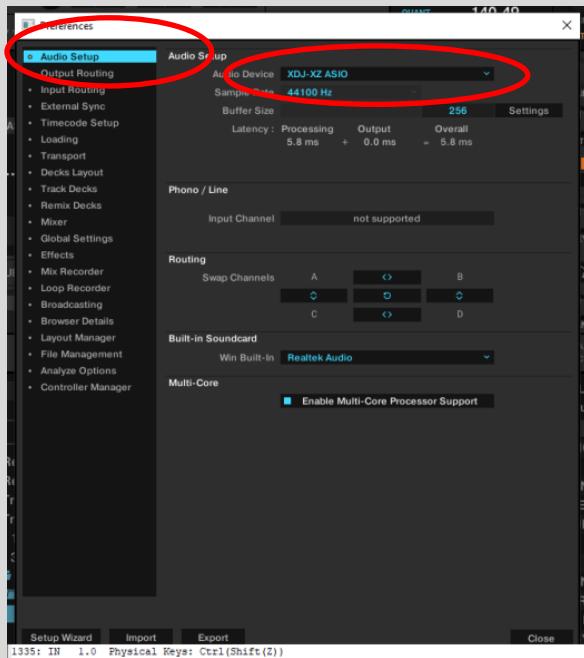
795: MIDIManager stopped.
796: MIDIManager started.
797: Opened MIDI OUTPUT 'Bome MIDI Translator 1 Virtual Out'
798: Opened MIDI OUTPUT 'XDJ-XZ (2)'
799: Opened MIDI OUTPUT 'XDJ-XZ (1)'
800: Opened MIDI INPUT 'Bome MIDI Translator 1 Virtual In'
801: Opened MIDI INPUT 'XDJ-XZ (2)'
802: Opened MIDI INPUT 'XDJ-XZ (1)'

 Incoming  Rules  Outgoing  MIDI IN  MIDI OUT  Timestamped

```

ANNEX: XDJ-XZ (3/3)

Traktor config:



Mapping History

This mapping has many man-years of work combined.

It was derived from the famous JaJa/Viper mapping, that goes back to 2012.

Since 2012 it was both ported and back-ported between devices multiple times.

As of v6.5.0 it was forked to use BOME.

As of v6.7.0 it was merged back to a single unified mapping for all DDJs.

As of v7.0 the mapping was redone from scratch and is now donation only.

Author	DDJ-1000	1000SRT	DDJ-SZ1	DDJ-SX2	Date	Dependency	Comment
DJ Estrela	v7.0				Jun-20	BOME	Huge features jump, donation required
	V6.8				Apr-20	BOME	MacOS specific file
		merged map V6.7			Mar-20	BOME	All maps merged to BOME
	v6.6				Oct-19	BOME	CDJ-like features
	v6.5				Sep-19	BOME	First implementation of jog screens
	V6.3				Jun-19	Traktor 3/2	Last version without BOME
		v6.1			Oct-19	Traktor 3/2	First SRT version
		V6.1	V6.1		Feb-19	Traktor 3/2	Latest SX2/SZ mapping for TP3
		V6.0			Aug-18	Traktor 2	Last SZ release for TP2
JAJA/Viper							
		v5.2			Mar-15	Traktor 2	Last SZ mapping by JaJa
			v1.3		Nov-14	Traktor 2	Last SX2 mapping by JaJa
			v0.9		Sep-14	Traktor 2	Last SX1 mapping by JaJa
			v0.6		Dec-12	Traktor 2	Last SX1 mapping by Viper
Pioneer Official							
		v2.6.8			Jul-15	Traktor 2	Last SZ official by Pioneer
			v2.6.8		Oct-14	Traktor 2	Last SX2 official by Pioneer