# DDJ-1000 Traktor mapping installation

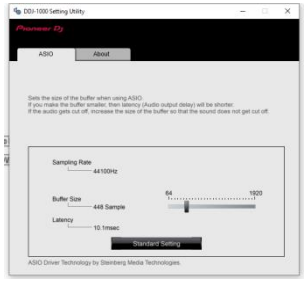
*This work requires the "BOME Midi translator Pro" third-party software*
*Steps are first explained, then shown via screenshots. Do not skip any step!*

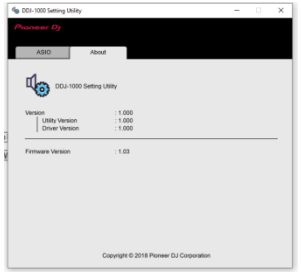
*See also the installation FAQ (on a separate pdf file).*

# 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/



# Step #1

## BOME TRIAL: INSTALLATION

*do not skip any step!*

**BOME SOFTWARE INSTALLATION:**

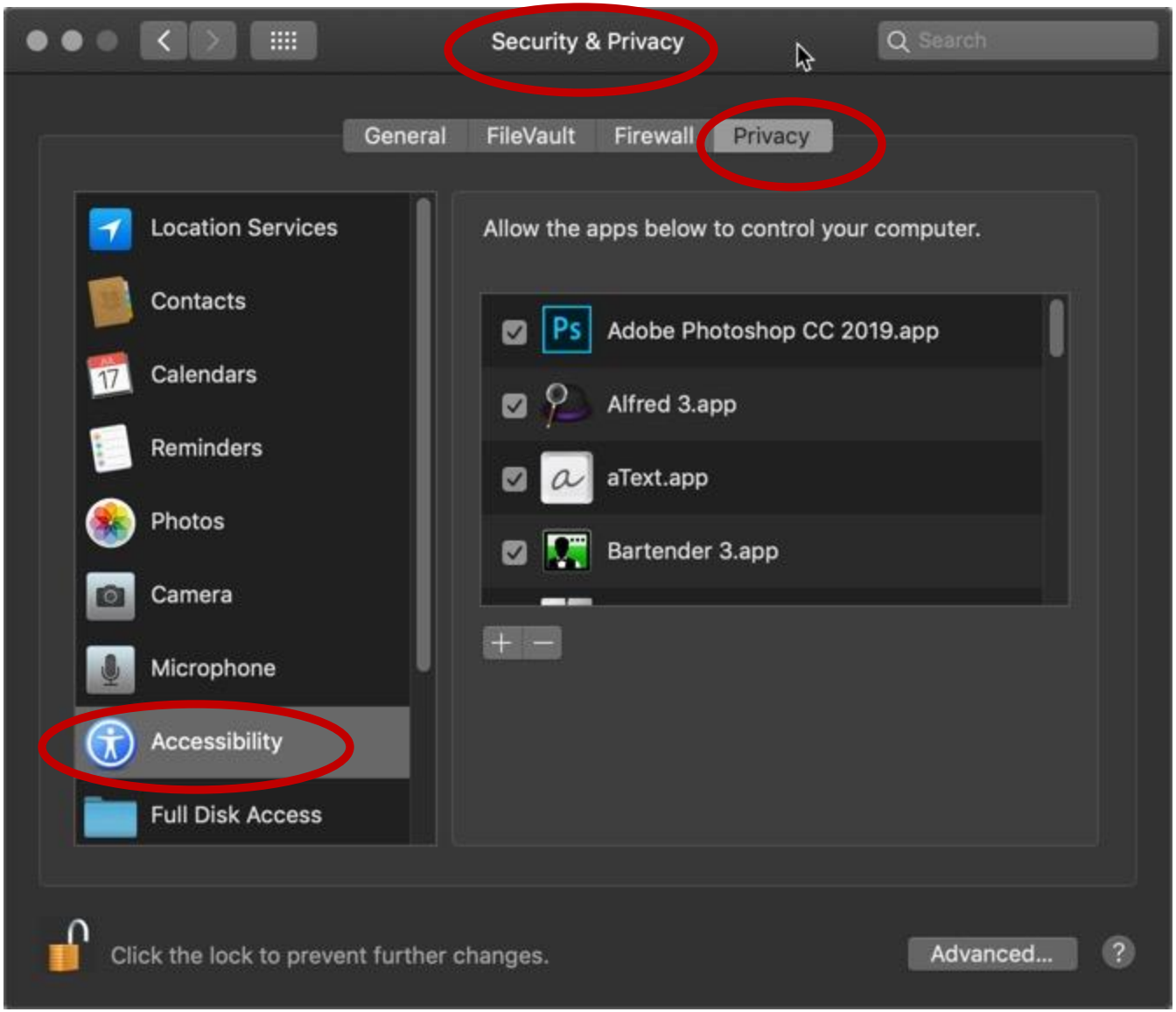
1. Download and install the BOME trial from https://www.bome.com/products/miditranslator#downloads

**MAC-OS SECURITY ENABLE (see page 40 of the BOME manual):**

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:** https://www.maketecheasier.com/macos-security-privacy-permissions/

# *macOS security:*



# Step #2

## MAP FOR BOME: INSTALLATION

*do not skip any step!*

**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-1000

**INSTALLING BOME MAPPING:**

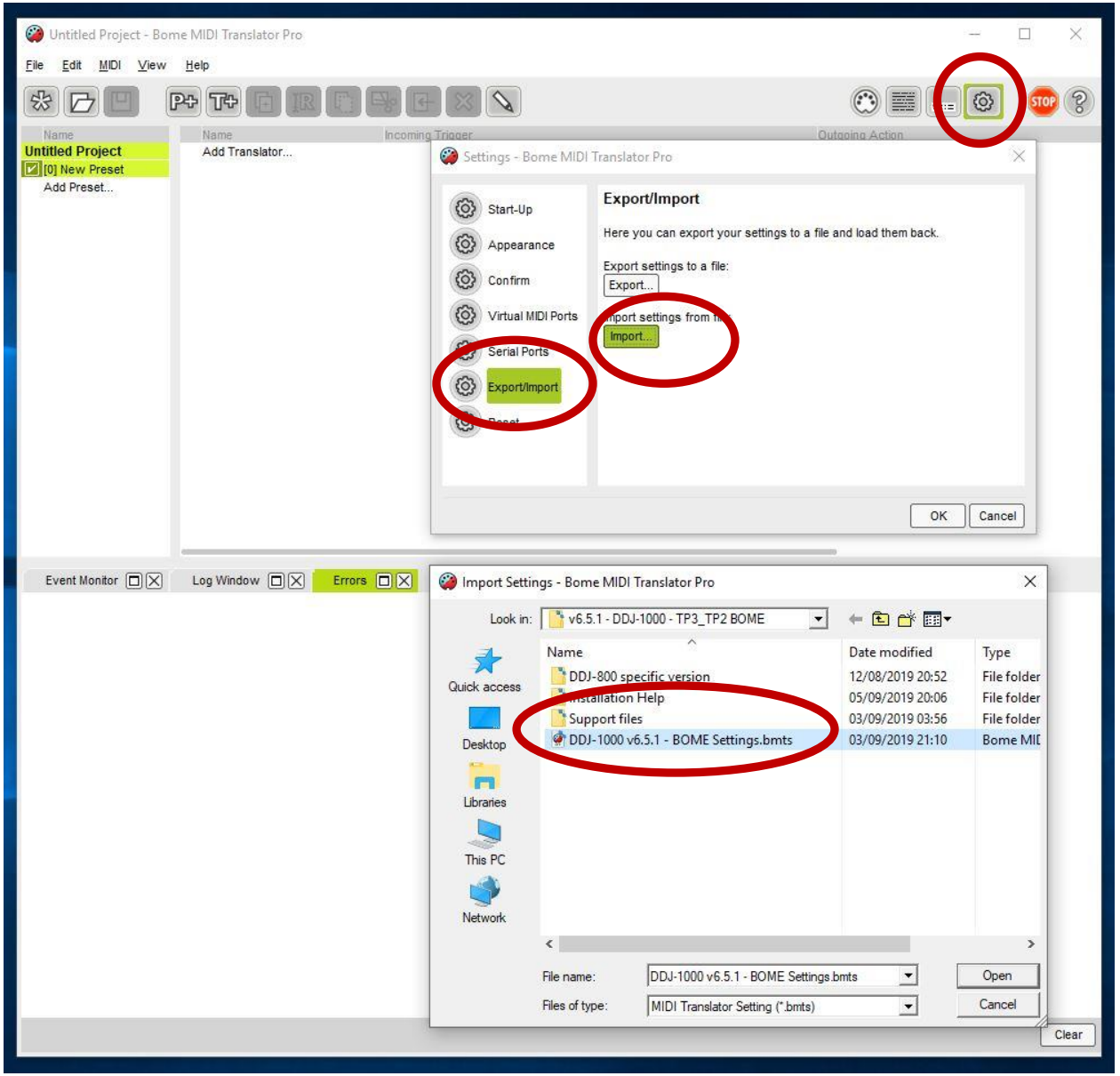
1. Open BOME. DO NOT RUN TRAKTOR!

2. Settings: Import the settings file
    1. Method: menu View; settings; export/import; import; select BMTS file

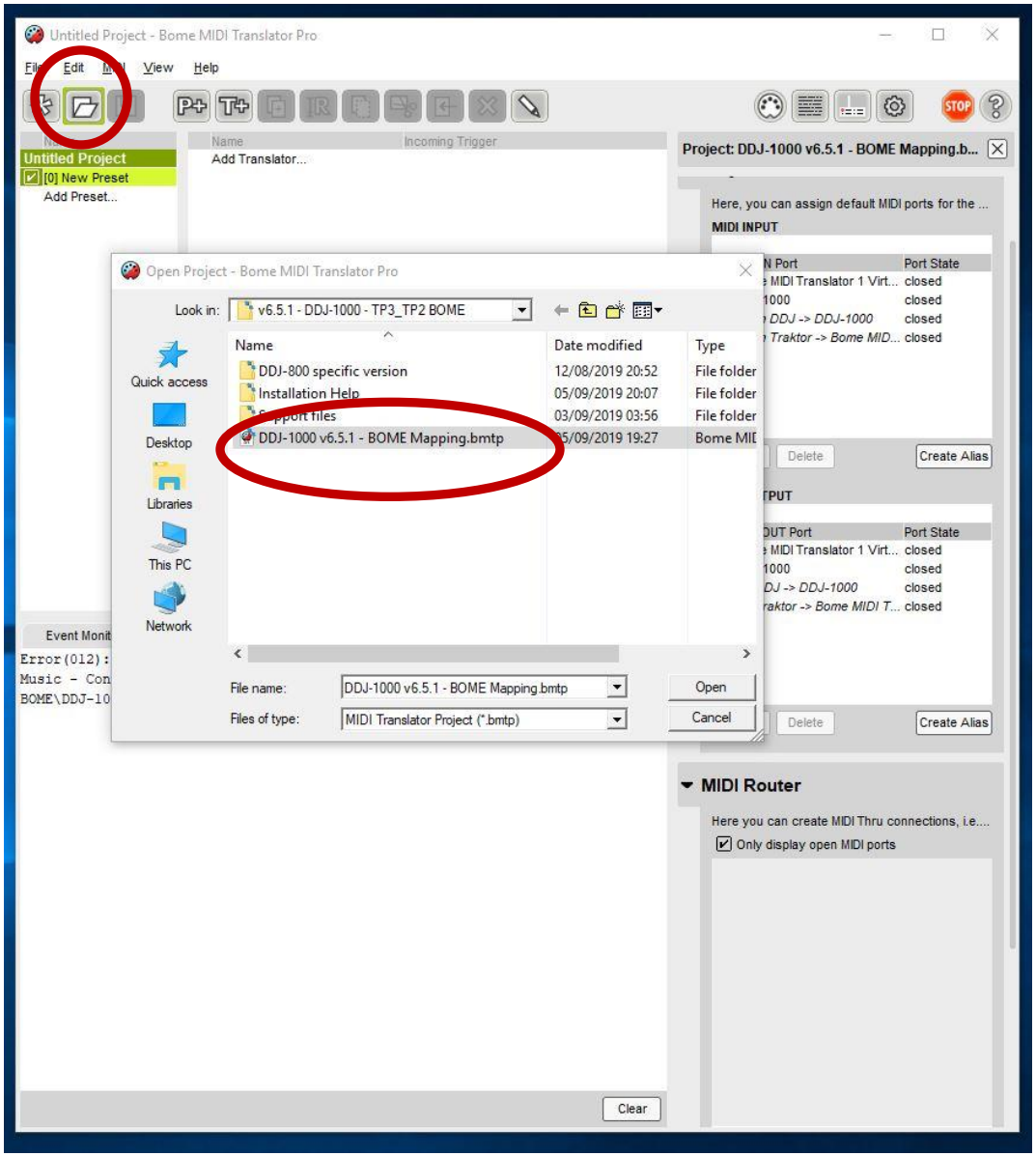
3. Mapping: load the mapping file
    1. Method: Click menu File; Open; select BMTP file

4. Do not mix up the Settings file with the Mapping file!

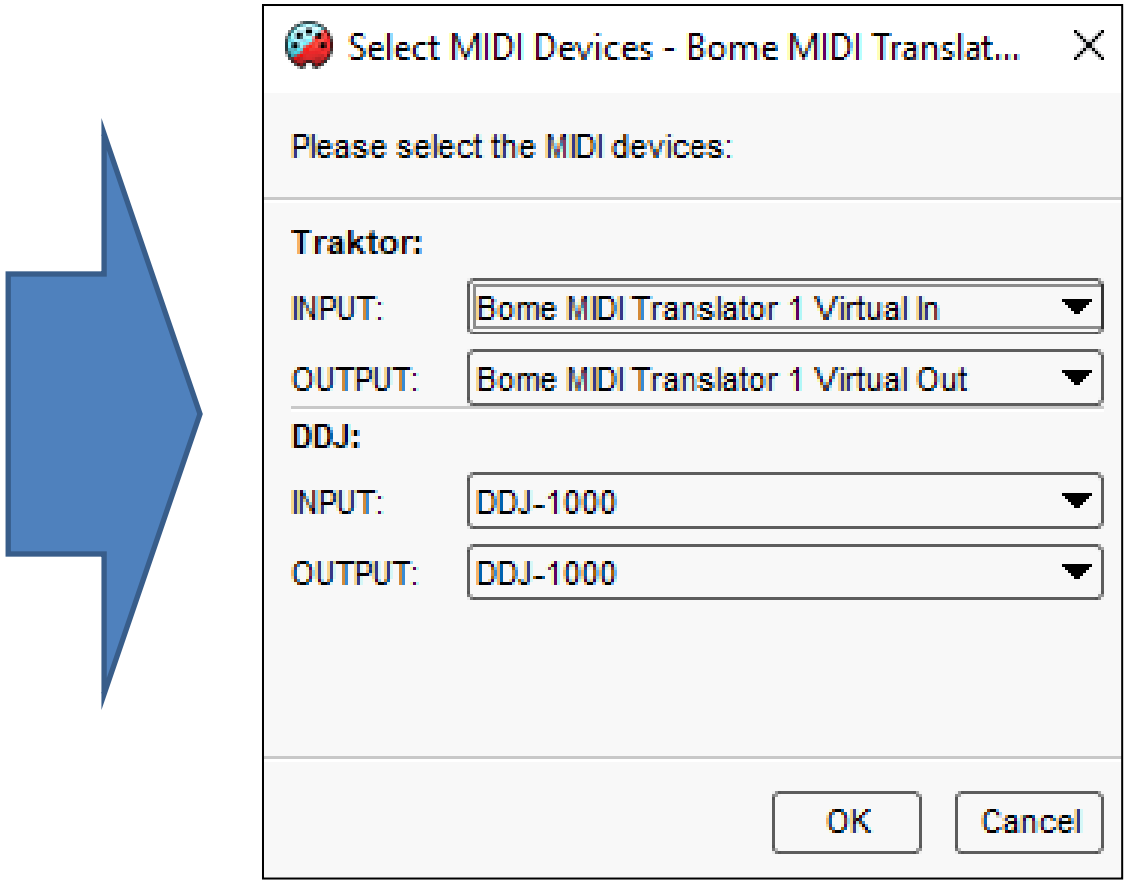
# *BOME: import settings file (BMTS file)*



# *BOME: import mapping file (BMTP file)*



# *BOME: Aliases*



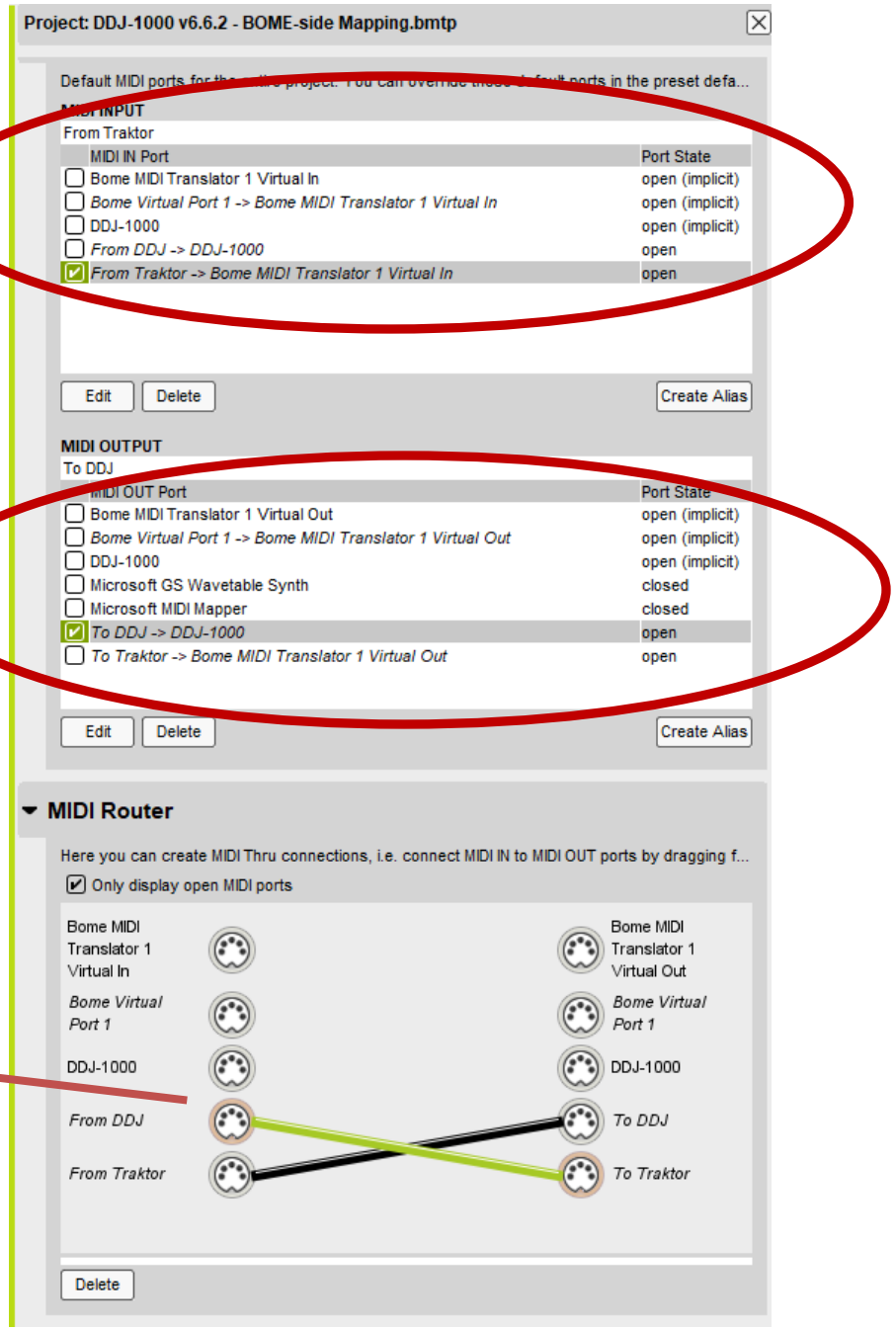
# *BOME: Devices*

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

Confirm this “cross” on EXACTLY these aliases



# Step #3

## MAP FOR BOM: VERIFICATION

*do not skip any step!*

**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

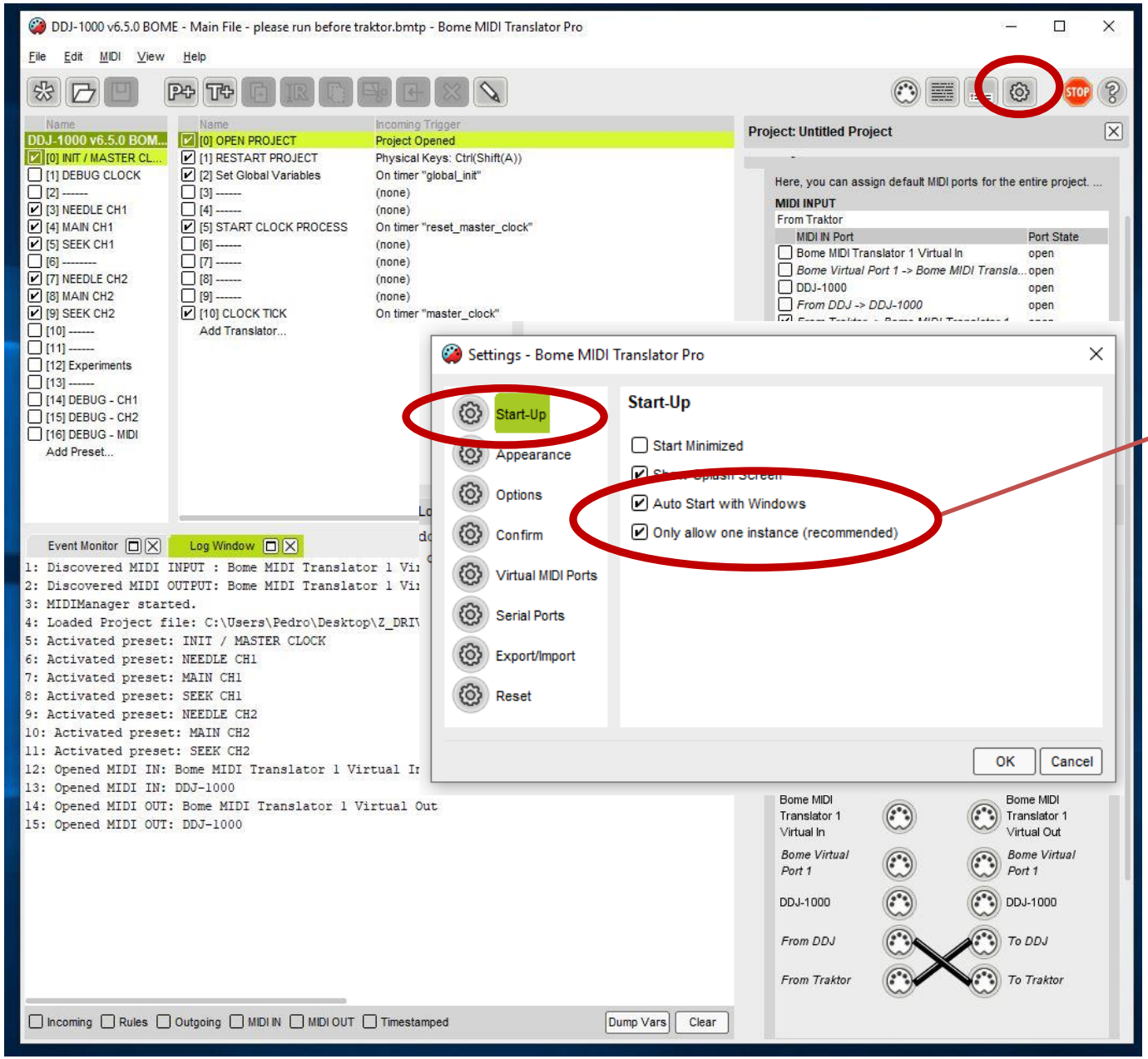
2. Confirm the 4x midi ports were opened correctly
    1. Method: Click log window; check log

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”

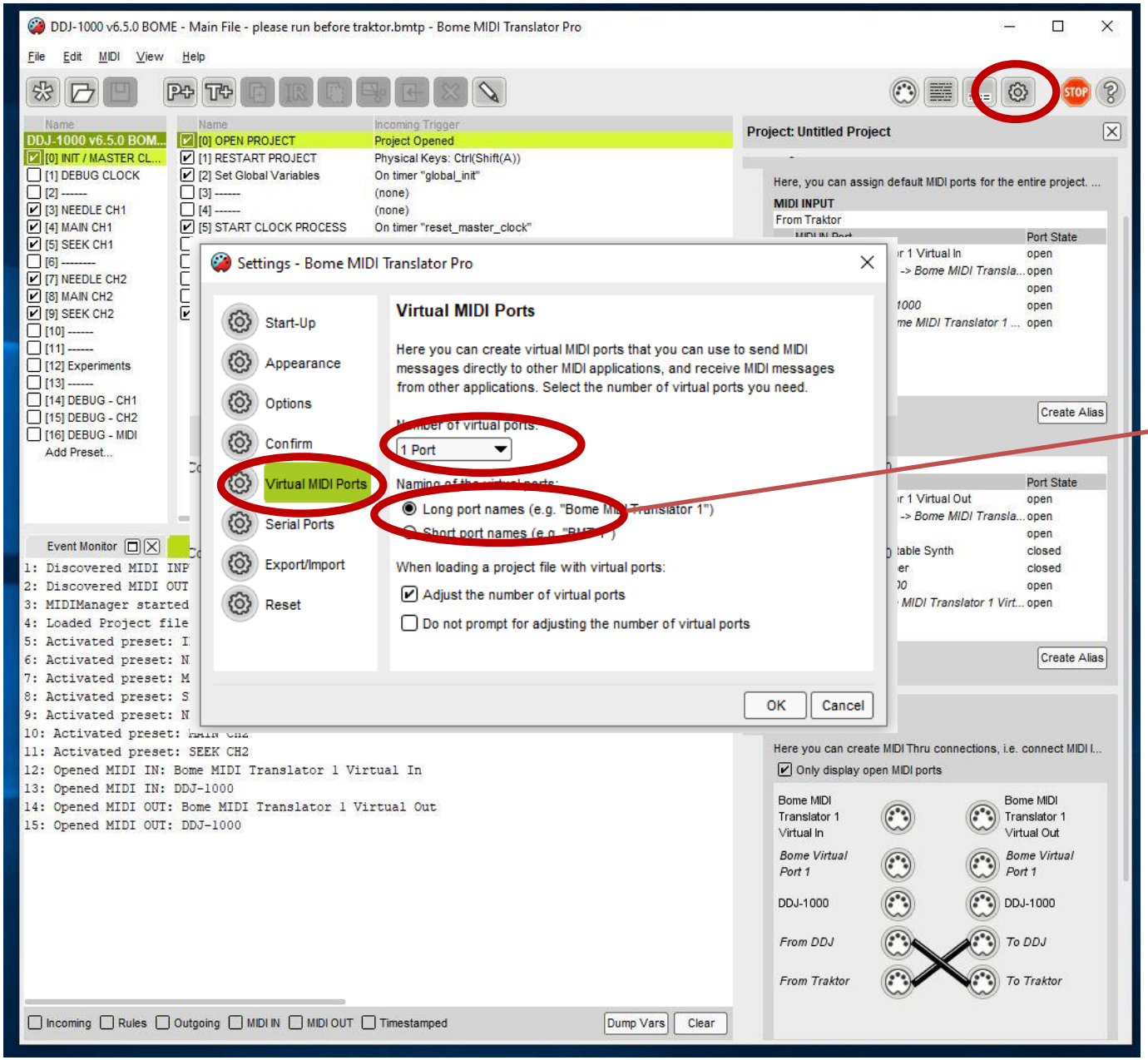
4. Confirm that the BOME clock is running
    1. Method: Click log window; click “rules”; see a lot of messages appearing
    2. unclick “rules” to stop loggin

5. Minimize BOME to keep it running

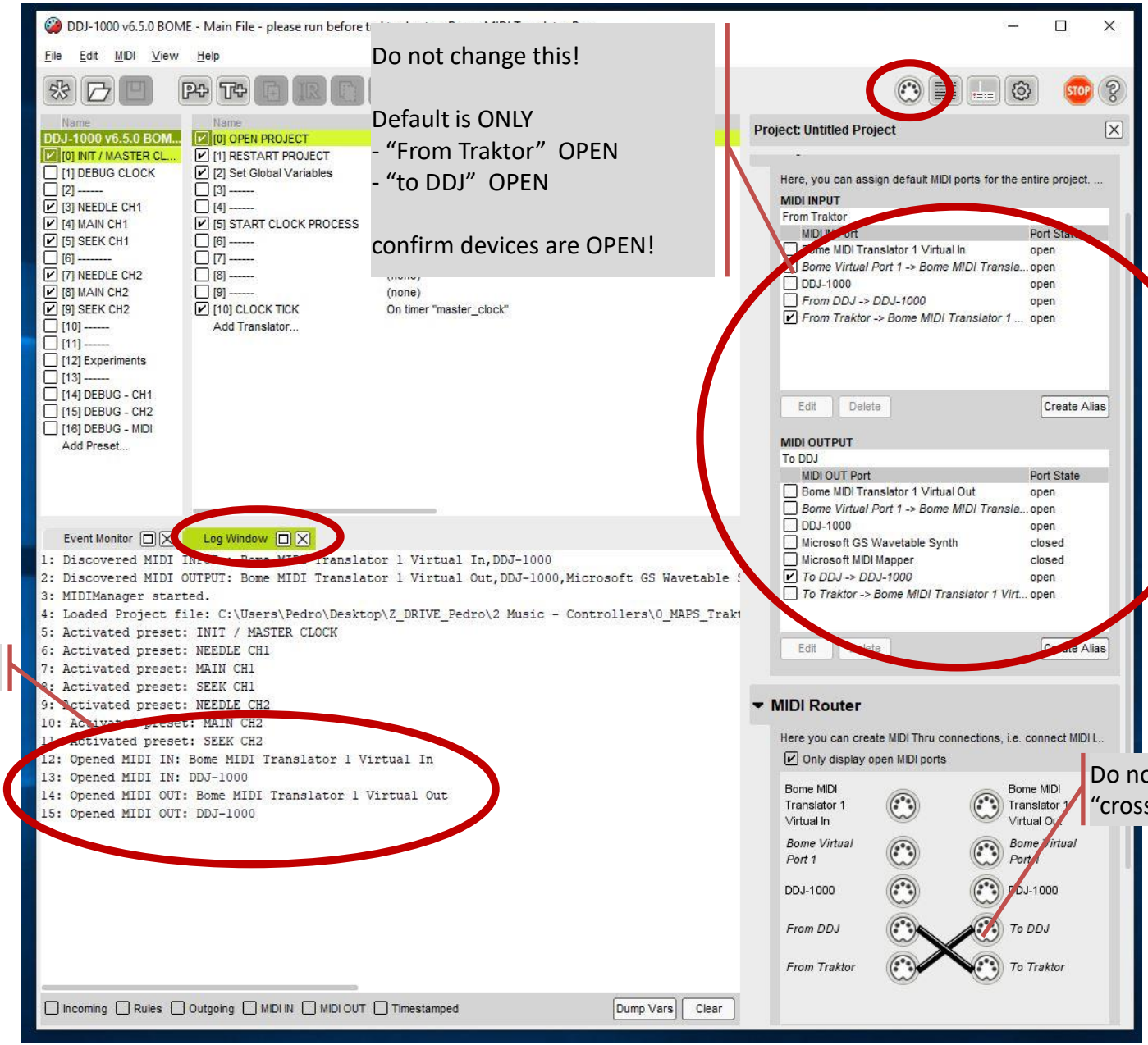
# *BOME settings: auto start with windows*



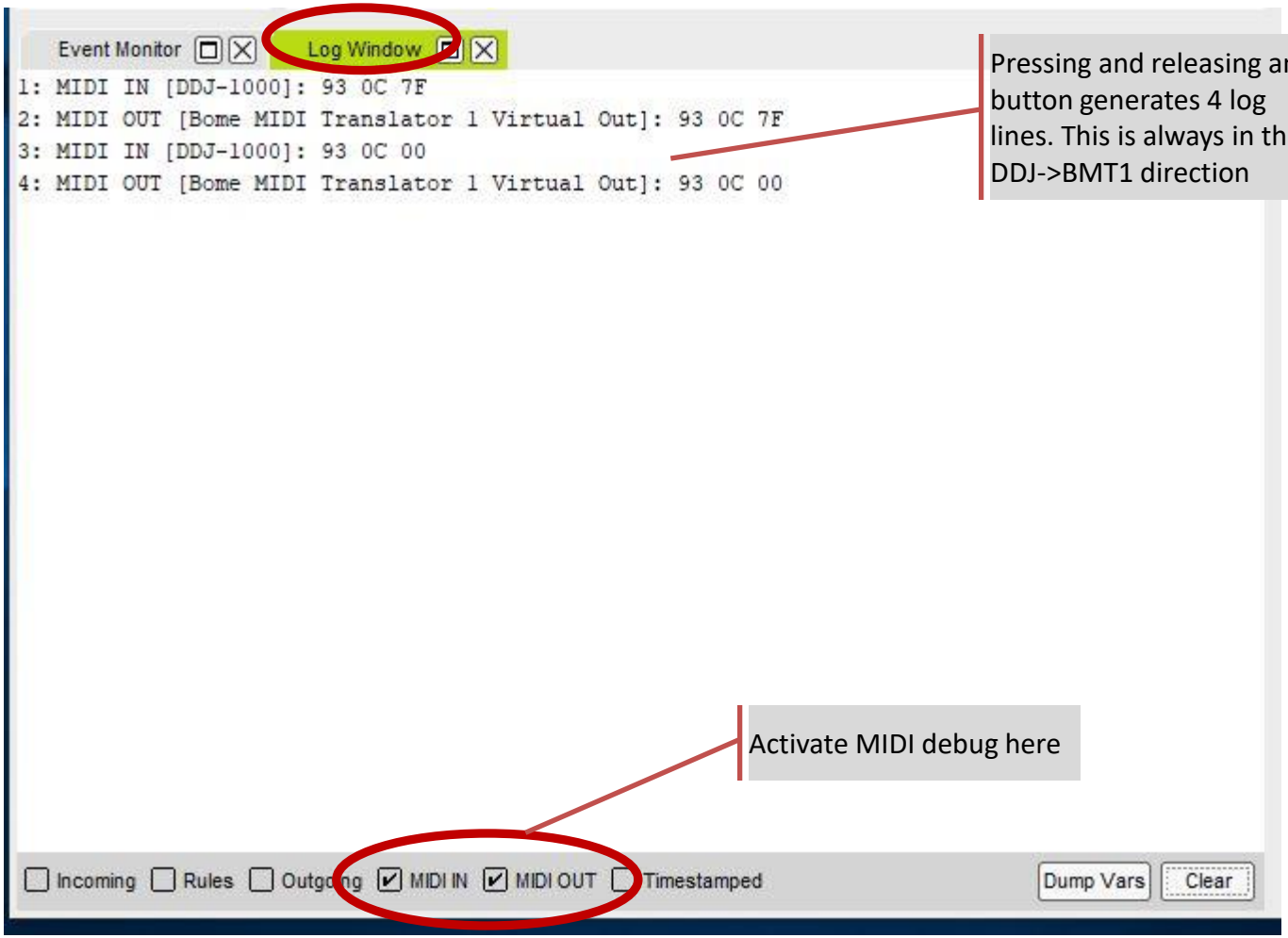
# BOME settings: long port name device



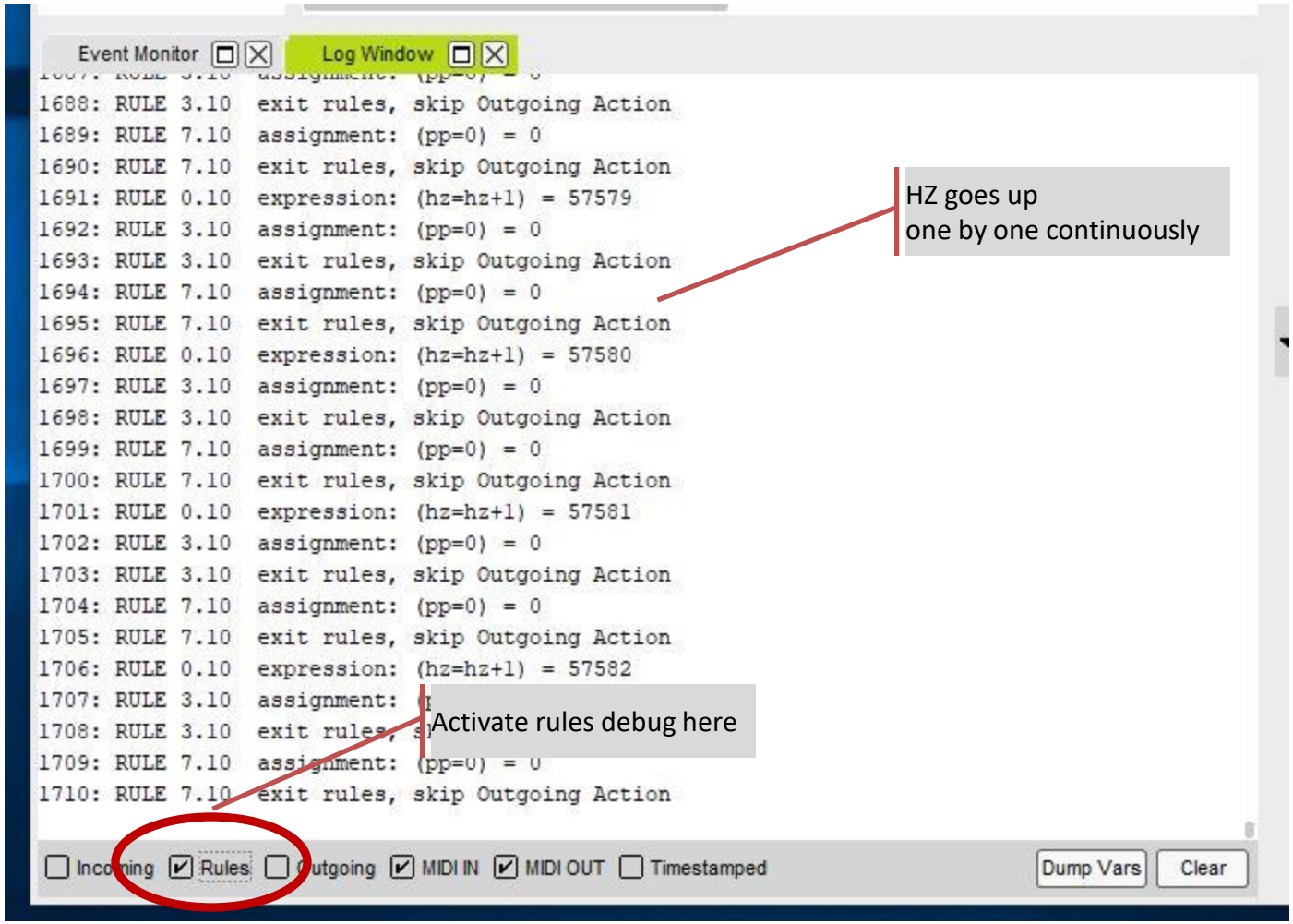
# BOME: Correct startup log



# *BOME: confirm DDJ talks to BOME*



# *BOME: confirm internal clock*




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

**Tip!**

# Step #4

## MAP FOR TRAKTOR: INSTALLATION

*do not skip any step!*

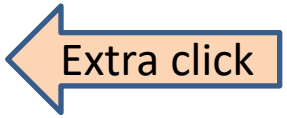
**CREATE A BACKUP:**

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:**

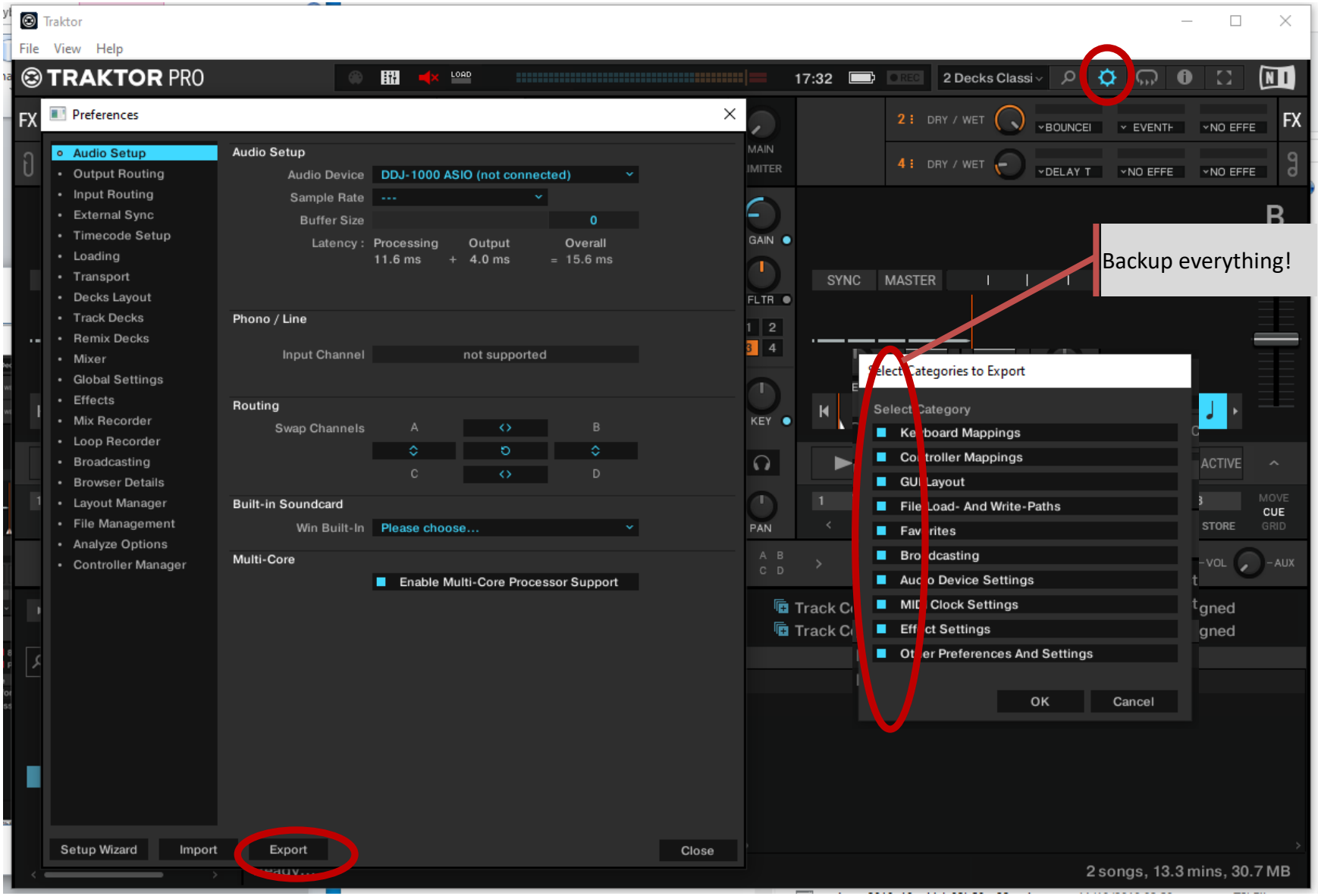
1. Click Settings
2. Click big “import button” on lower left corner
3. Accept all checks; PLUS additionally click the “Audio device settings”



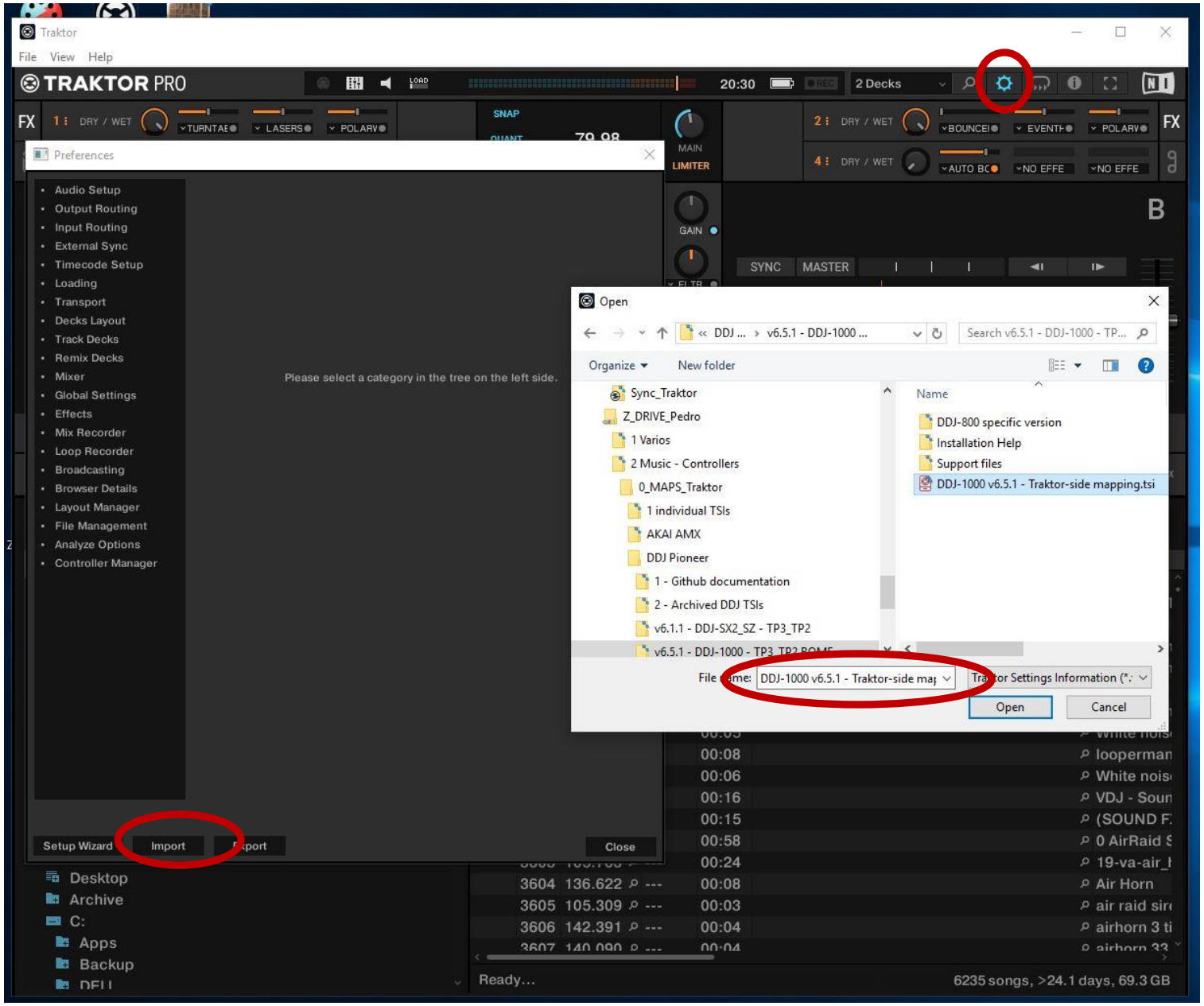

**INSTALL TRAKTOR MAPPING (second time):**

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

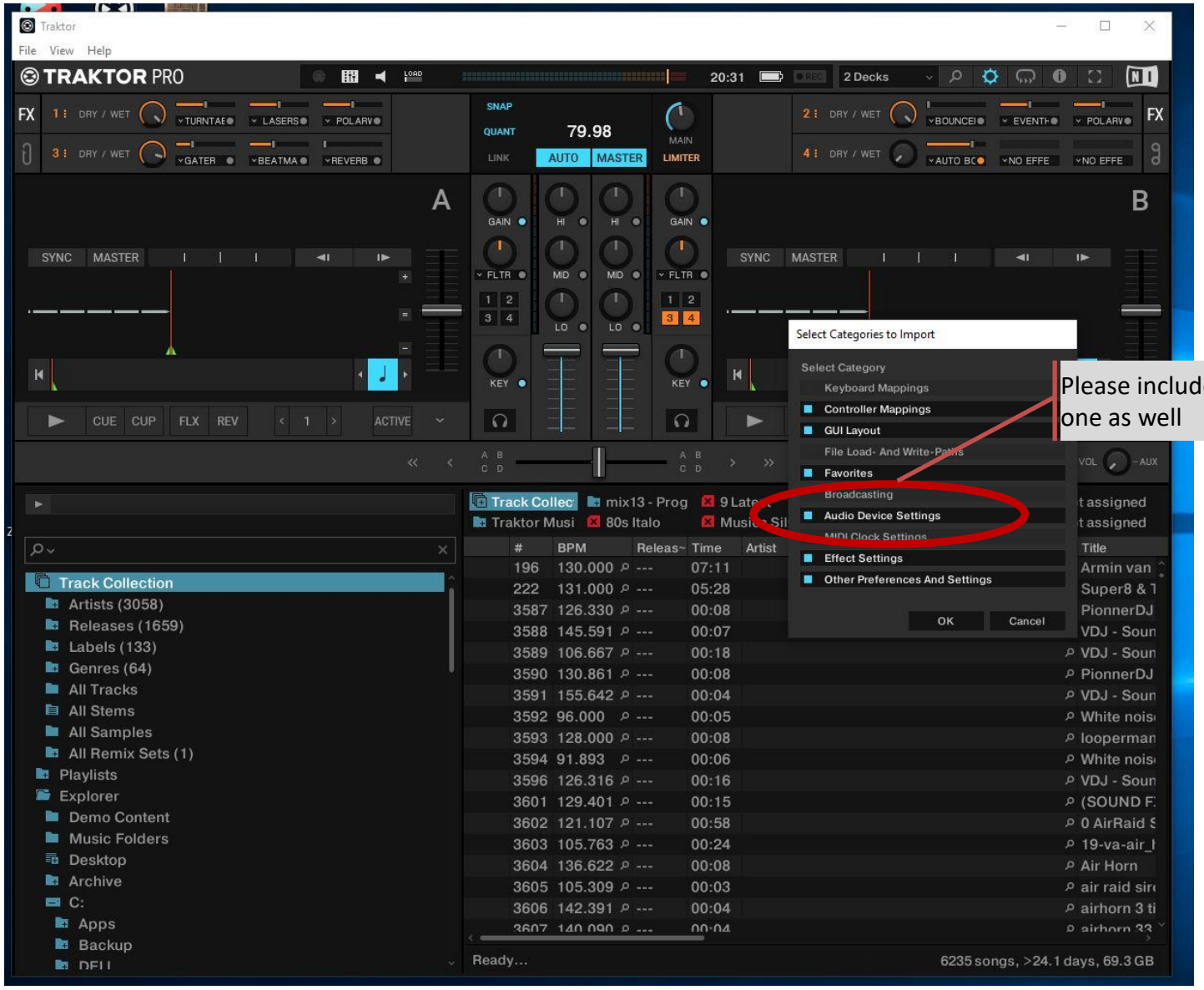
# *TRAKTOR: create backup of your settings*



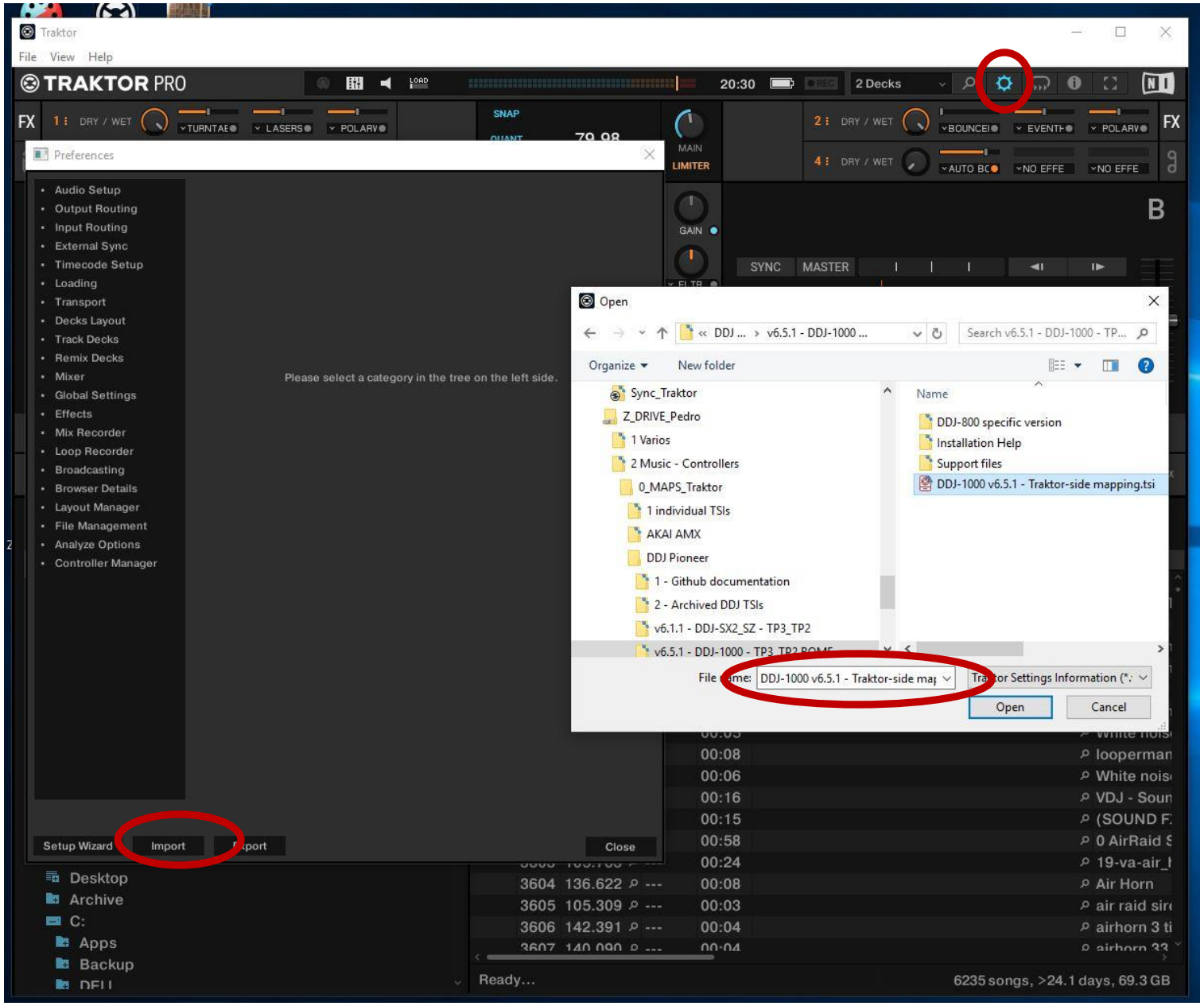
# *TRAKTOR: import mapping*



# *TRAKTOR: click audio device config*



# *TRAKTOR: import mapping (second time)*



# Step #5

## MAP FOR TRAKTOR: VERIFICATION

*do not skip any step!*

**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 ASIO”
    1. Method:  Settings ; audio setup ; confirm audio device

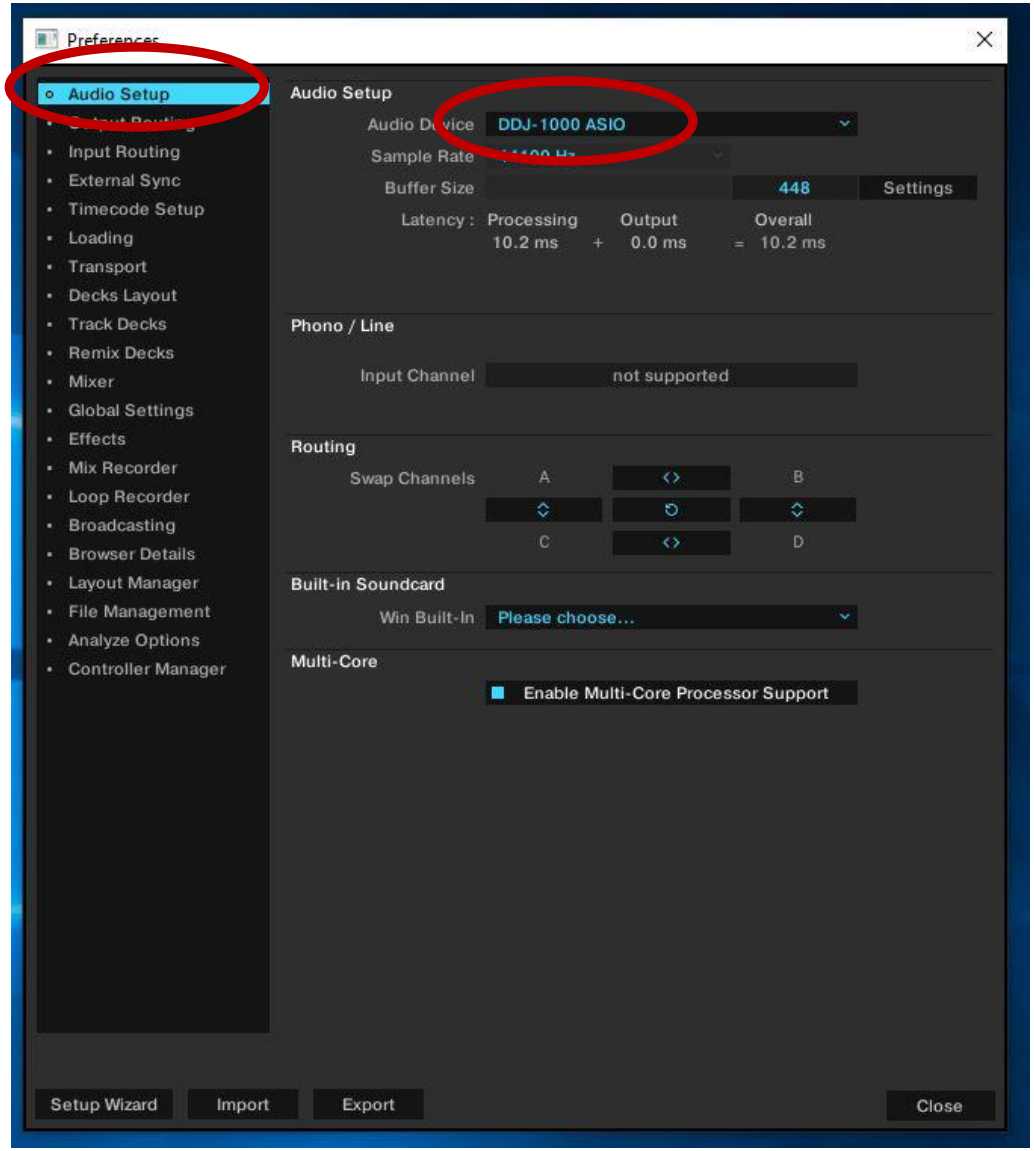
2. Confirm the Output routing
    1. Method:  Settings ; output routing; confirm “internal”; confirm “3 / 4 / 1 / 2”

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!!!*** Beware #1!
    3. ***DO NOT FORGET TO CONFIRM ALL 6x PAGES!*** Beware #2!

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

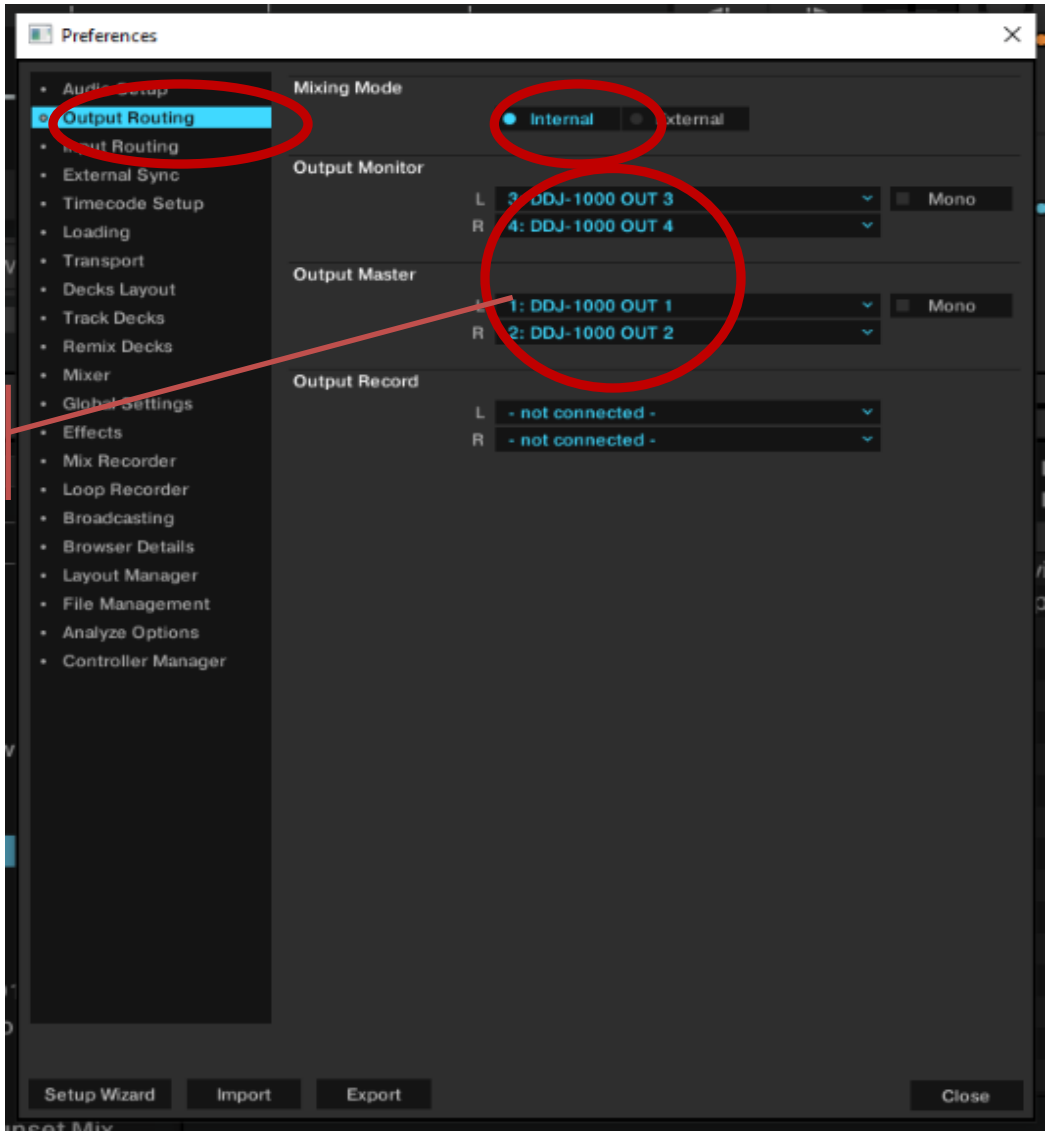
5. Verify that BOME sees all the messages
    1. Method: open the bome window; click the “CUE” button;  verify that the BOME log displays at least 8x log lines per human click

# *TRAKTOR: check audio device*

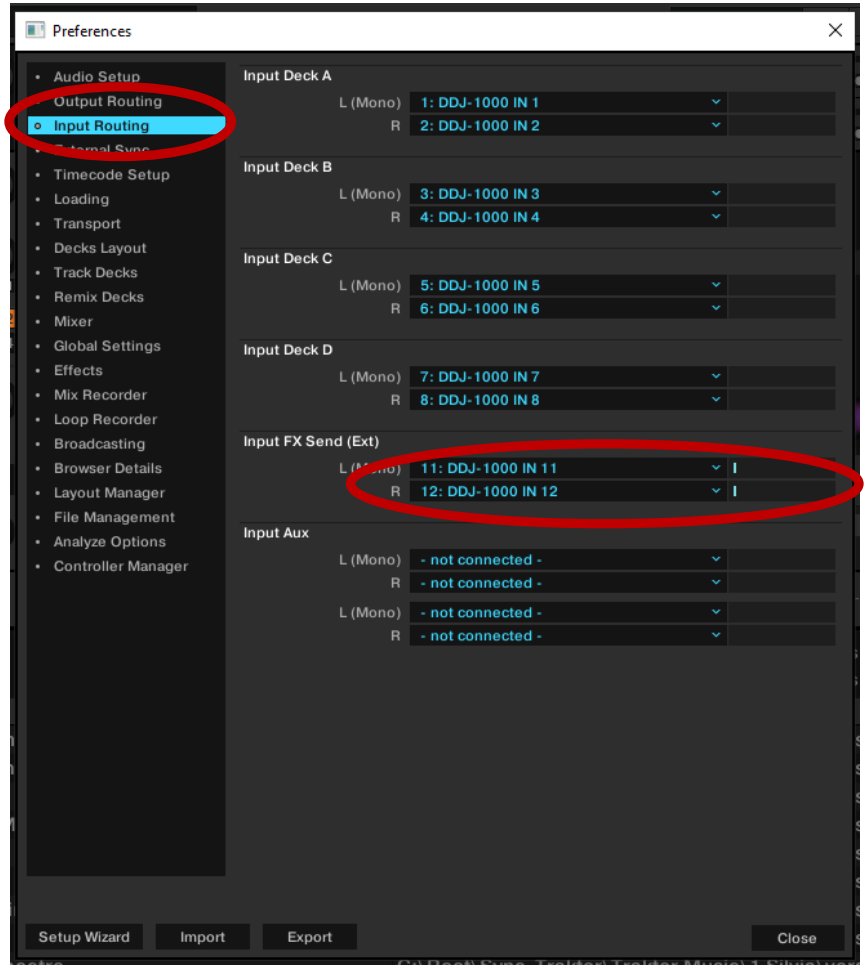


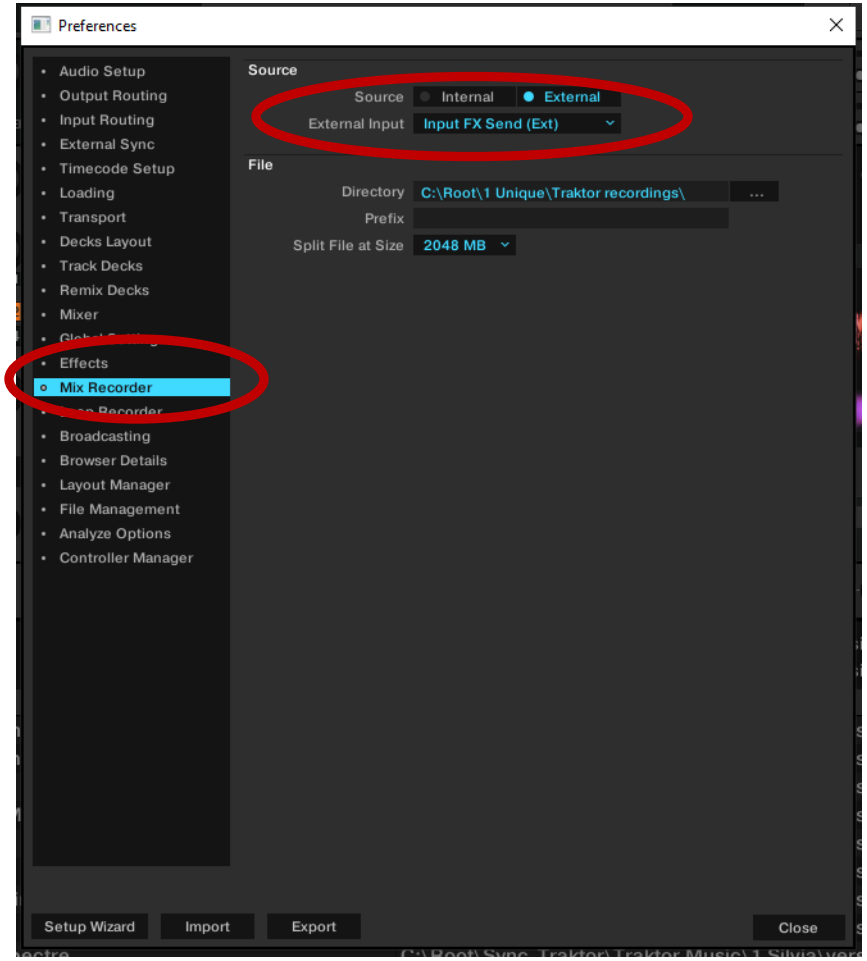
# *TRAKTOR: check output routing*

Configure your channels with 3 / 4 / 1 / 2



# TRAKTOR: how to record Traktor + CDJs

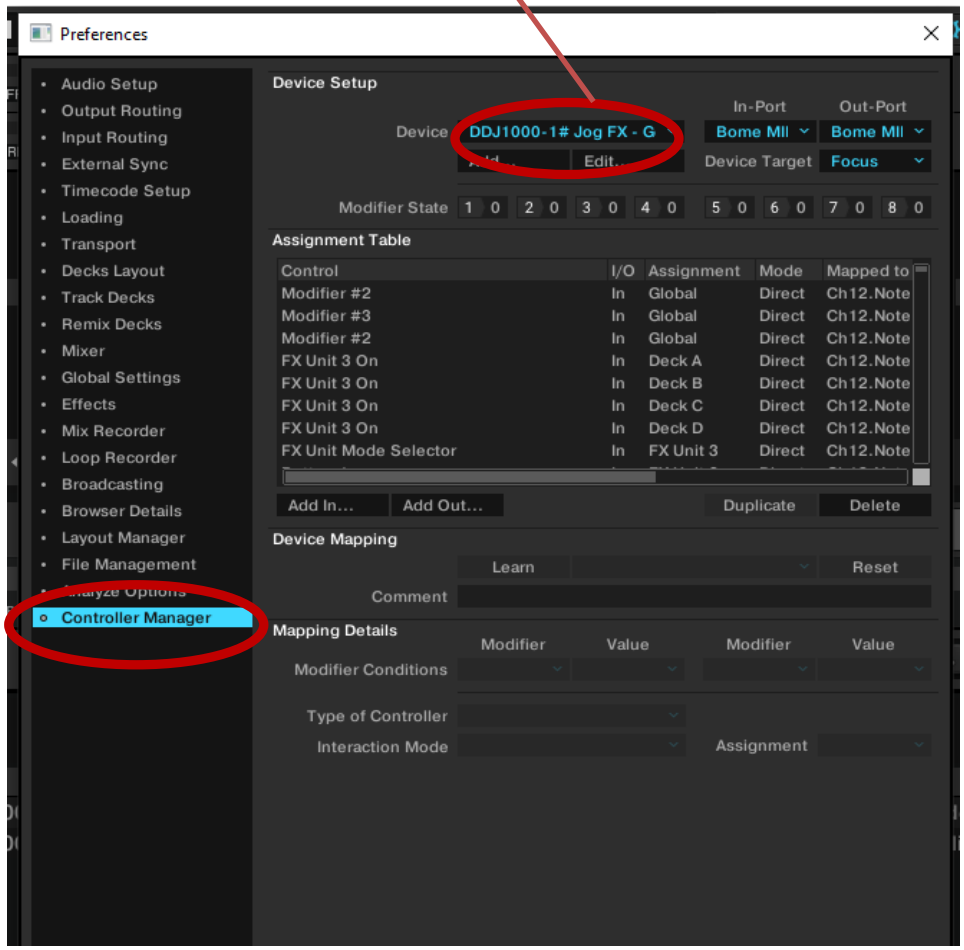


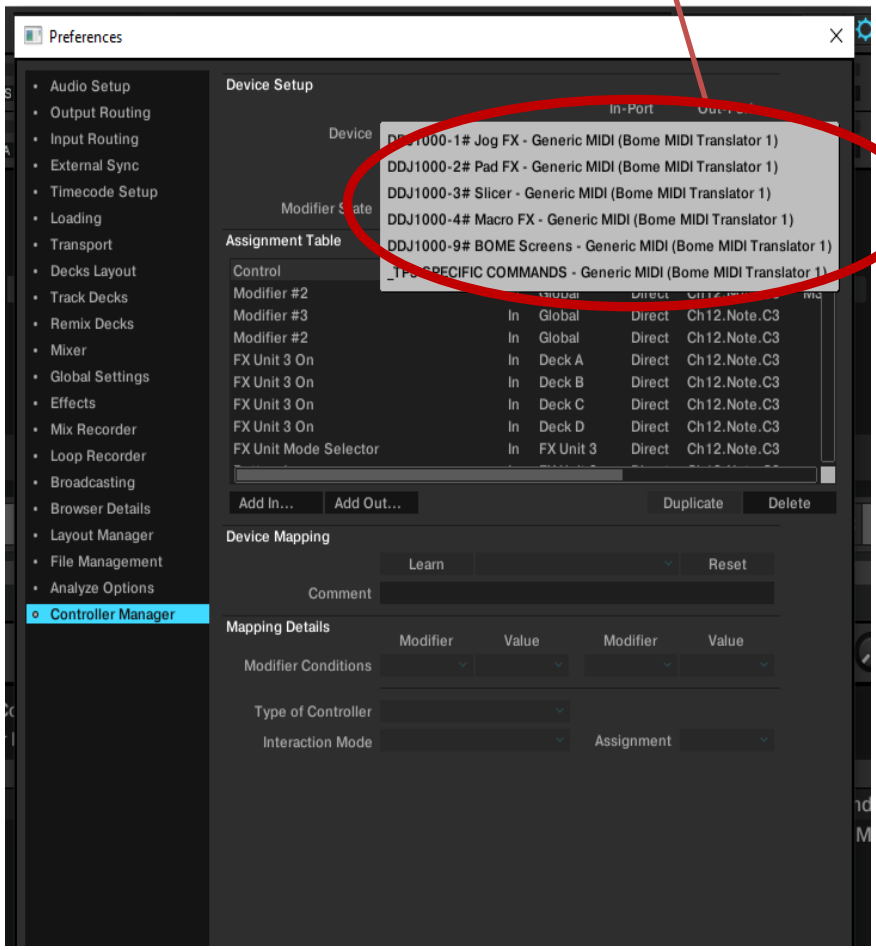



# *TRAKTOR: check MIDI device is long format*

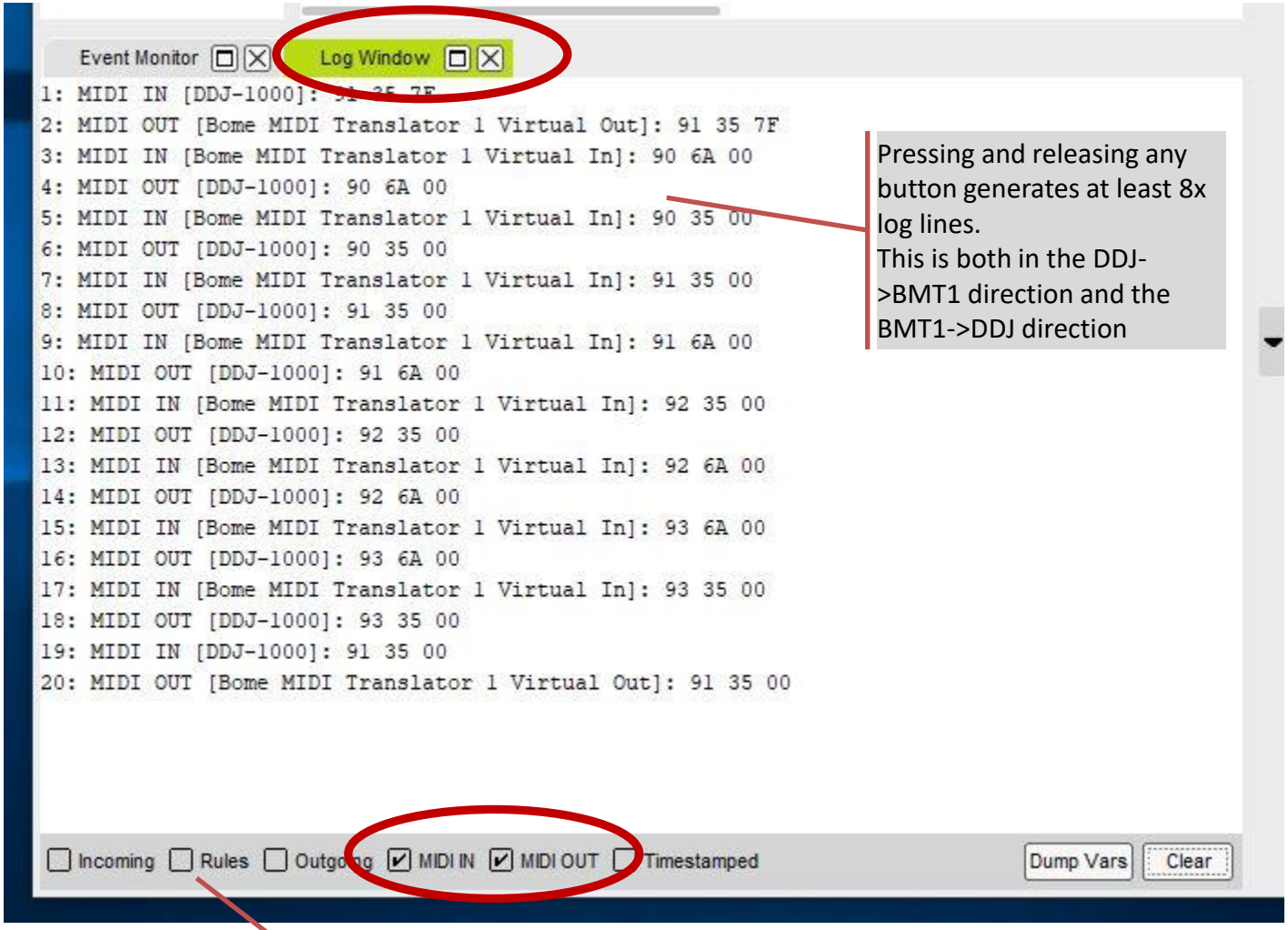
first click here

Both IN and OUT = Long format
For ALL 6 PAGES!



# *BOME: confirm bidirectional flow*




Pressing and releasing any button generates at least 8x log lines.
This is both in the DDJ->BMT1 direction and the BMT1->DDJ direction

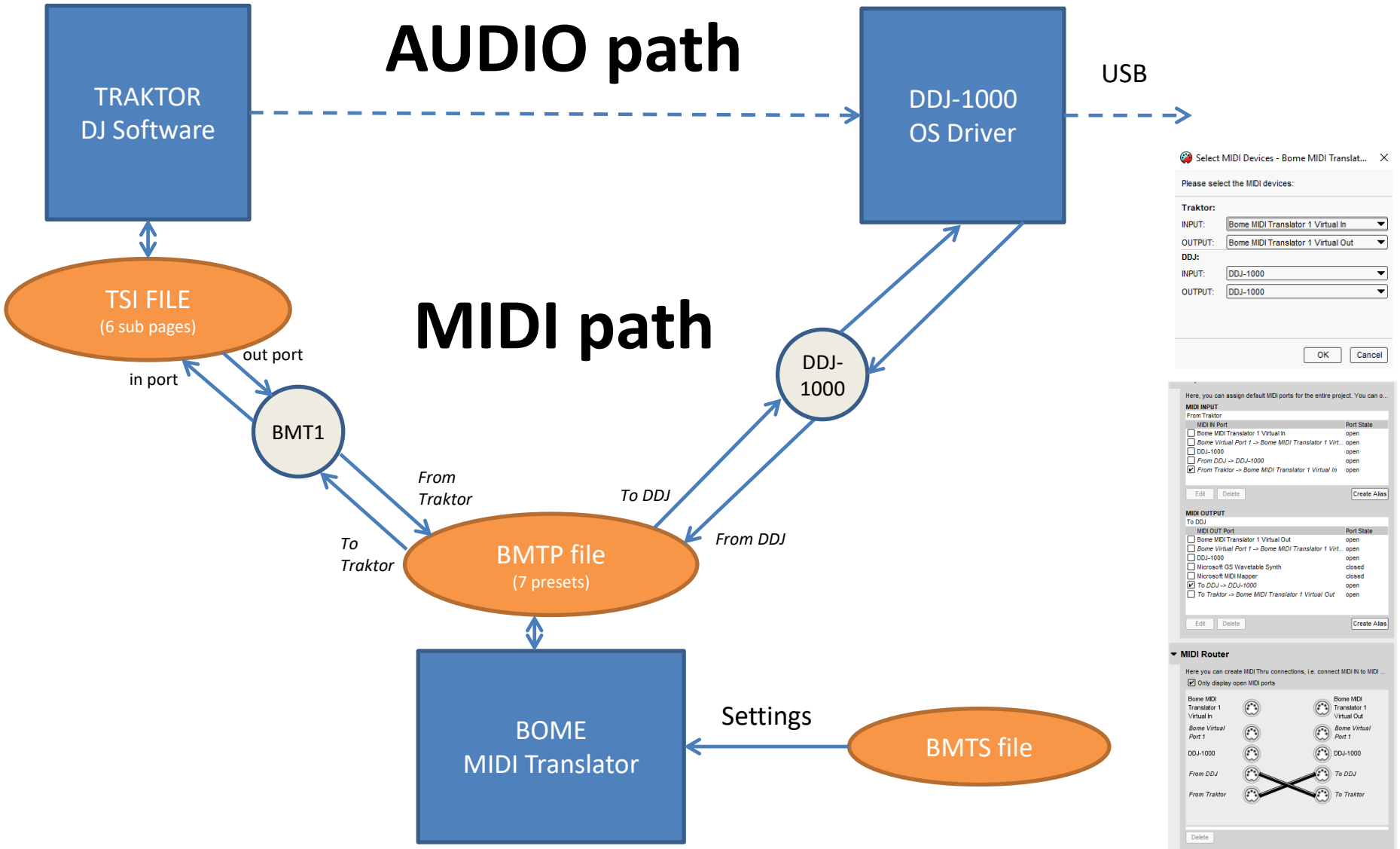
Stop “rules” log

# *DDJ-1000: forced MIDI mode*

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

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.


AUDIO path
TRAKTOR
DJ Software
DDJ-1000
OS Driver
USB
MIDI path
TSI FILE
(6 sub pages)
out port
in port
BMT1
DDJ-
1000
From
Traktor
To DDJ
To
Traktor
From DDJ
BMTP file
(7 presets)
BOME
MIDI Translator
Settings
BMTS file


Select MIDI Devices - Bome MIDI Translat...
Please select the MIDI devices:
Traktor:
INPUT:
Bome MIDI Translator 1 Virtual In
OUTPUT:
Bome MIDI Translator 1 Virtual Out
DDJ:
INPUT:
DDJ-1000
OUTPUT:
DDJ-1000
OK
Cancel


MIDI INPUT
From Traktor
MIDI OUTPUT
To DDJ


MIDI Router

# IF ITS STILL NOT WORKING #1

***Re-confirm you have BOME in the macOS accessibly security.***
***Re-confirm you have "Bome midi Translator 1" on all 6x pages in Traktor.***

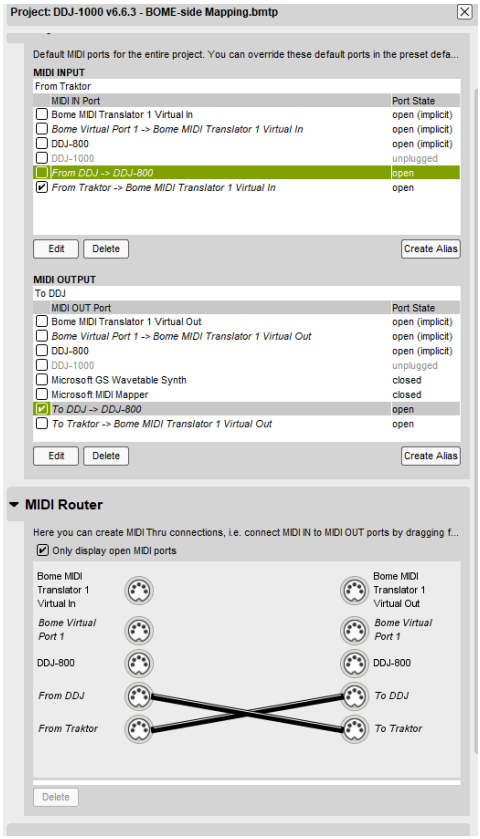
***Re-confirm the DDJ-1000 is the audio device and your output/input routing.***
***Re-confirme Rekordbox performance mode works.***

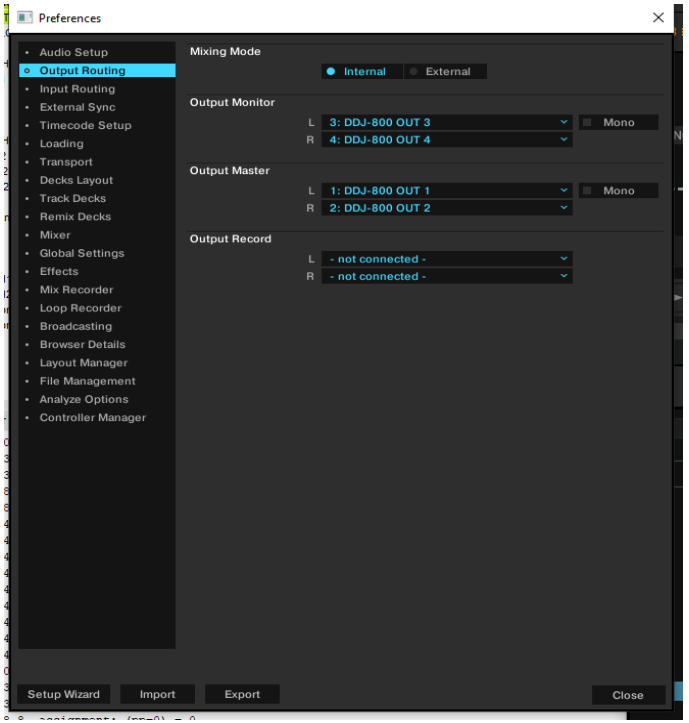
# IF ITS STILL NOT WORKING #2

***Make a HD video of the verification steps, INCLUDING THE BOME LOG. Put your phone really close to the screen for me to read the small text!***

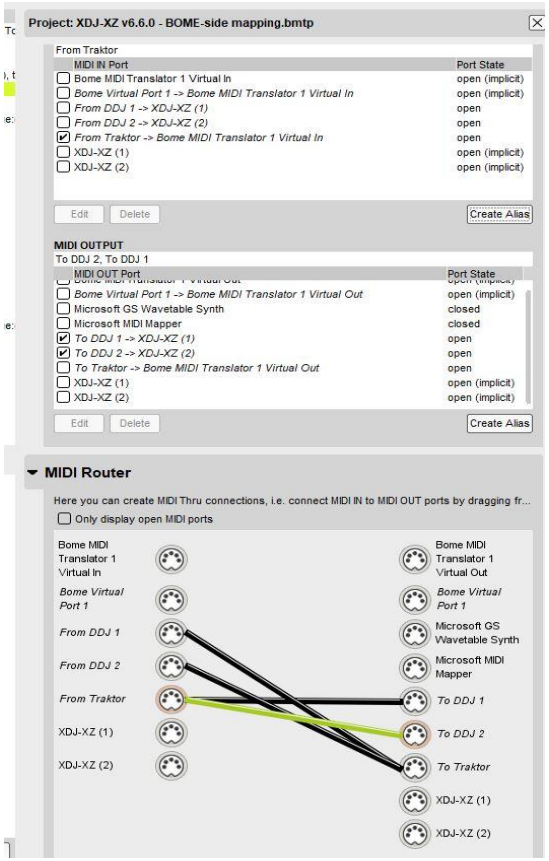
***Upload the video to https://wetransfer.com and send an email to pedro.estrela@gmail.com***

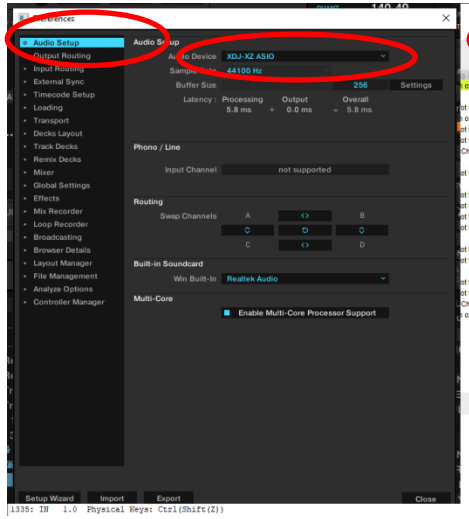
# ANNEX: DDJ-800

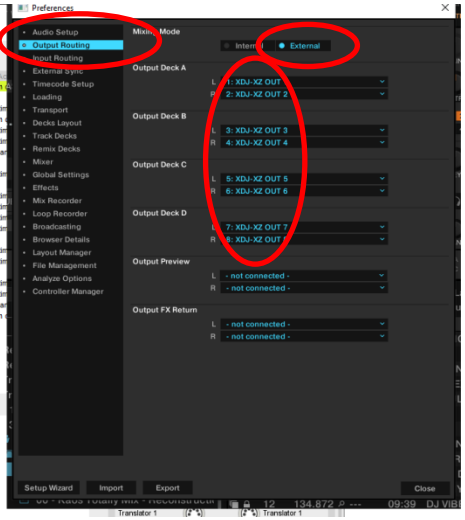


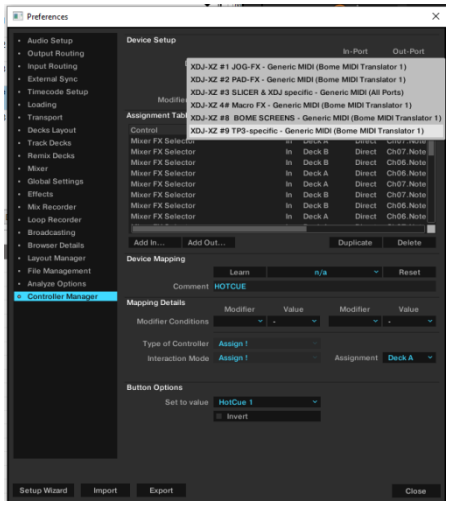


# ANNEX: XDJ-XZ




```
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