

DDJ-1000 mapping installation

*This work requires the BOME Midi translator Pro
third-party software package*

BOME-SIDE

do not skip any step!

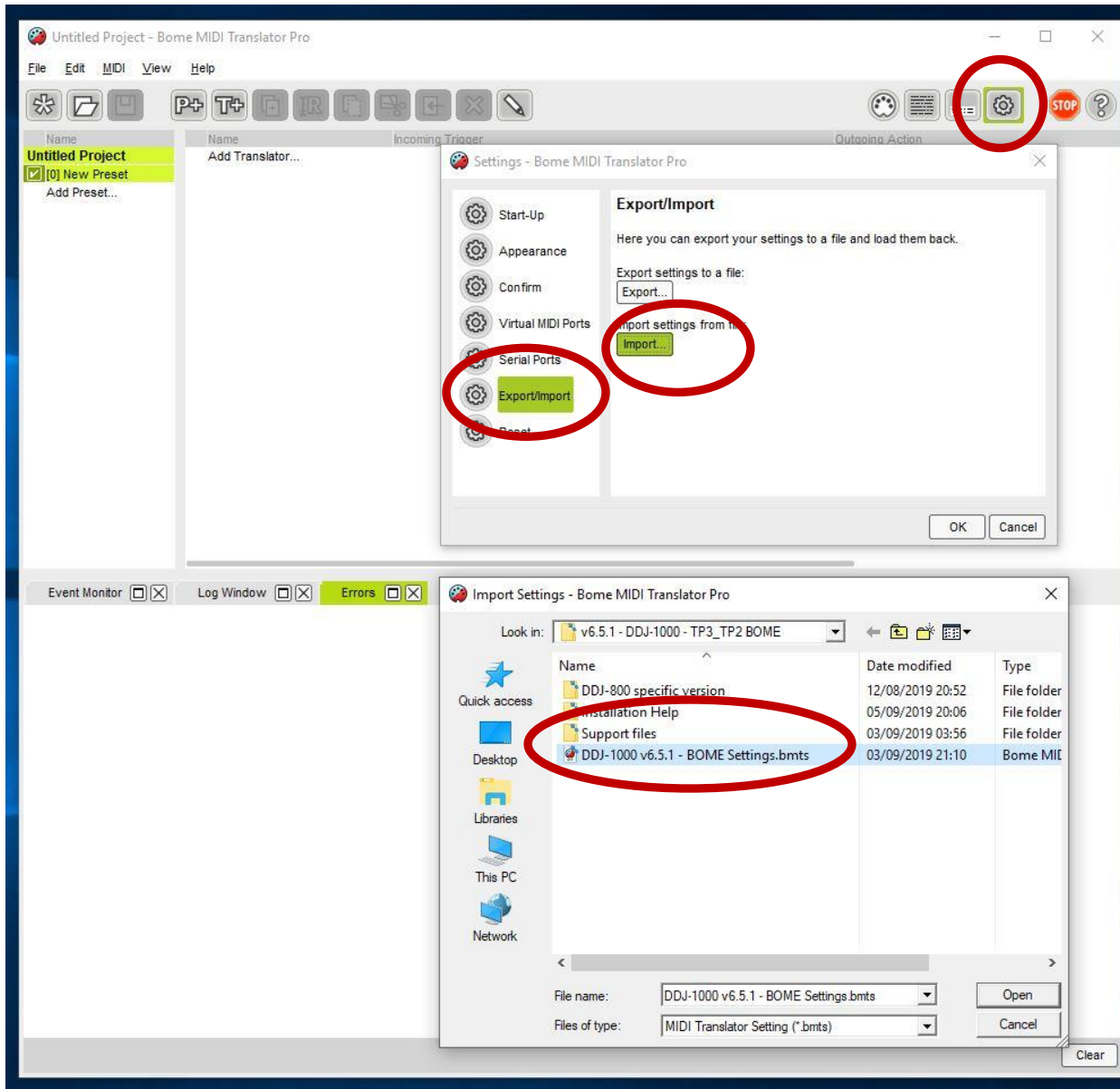
PRELIMINARIES:

1. Stop Traktor
2. Expand all files in the zip file
3. Connect the USB cable
4. Turn on your DDJ-1000.
5. Download and Install the BOME trial from
<https://www.bome.com/products/miditranslator#downloads>

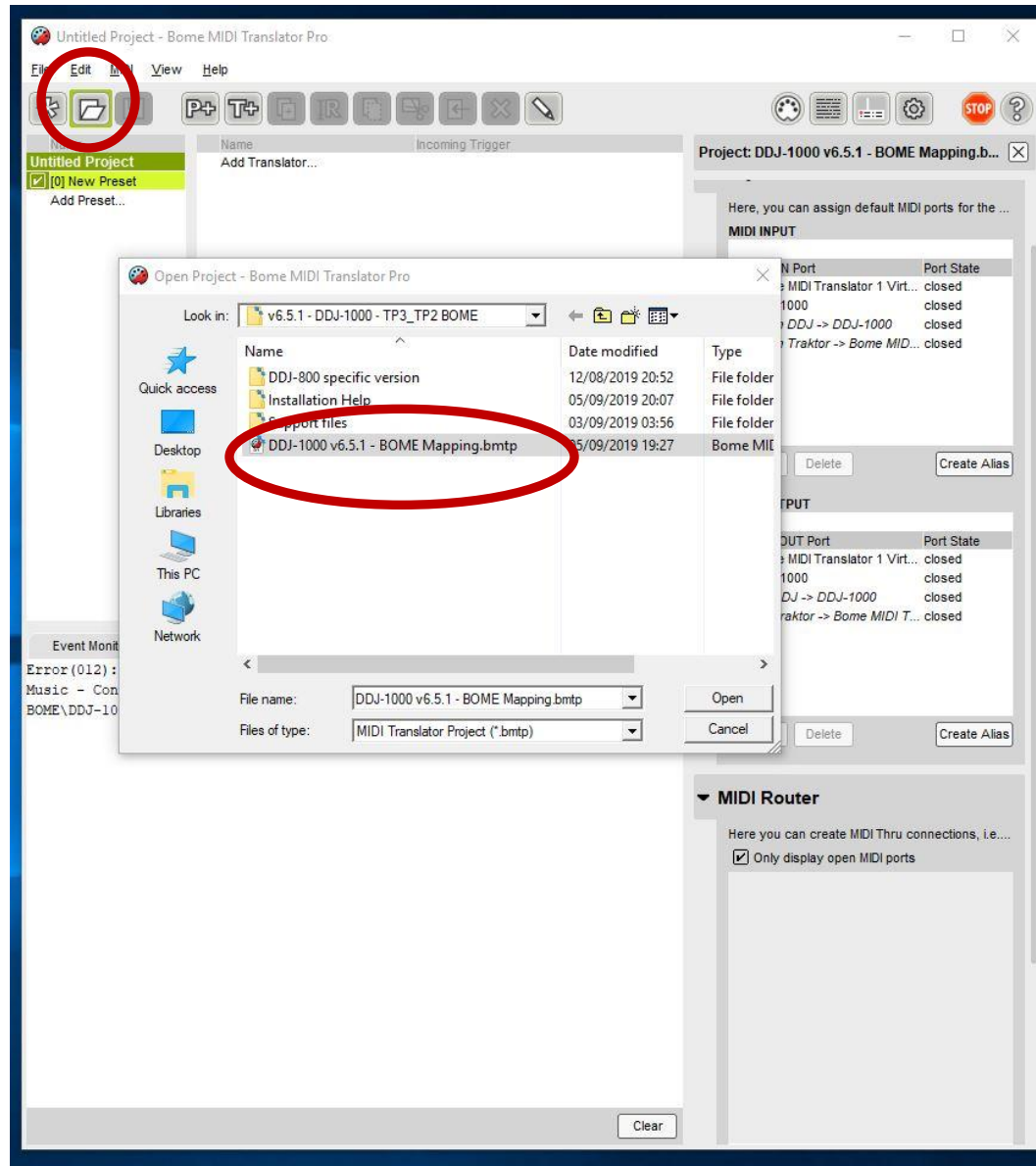
INSTALL BOME MAPPING:

1. Open BOME. DO NOT RUN TRAKTOR.
2. Import the import the provided BOME settings file
 1. Method: Click menu View; settings; export/import; import; select BMTS file
3. Open the BOME mapping inside BOME
 1. Method: Click menu File; Open; select BMTP file

BOME: import settings



BOME: import mapping



BOME VERIFICATION:

1. Confirm the BMT1 device is created (short format)
 1. Method: menu View ; settings ; virtual midi ports ; 1 port; shot port names
2. Confirm 4x midi ports are opened correctly
 1. Method: Click log window; check log
3. Confirm DDJ 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 the BOME clock is running
 1. Method: Click log window; click “rules”; see lots of messages flowing; unclick “rules”
5. Minimize BOME to keep it running

BOME: device "BMT1"

The screenshot displays the BOME MIDI Translator Pro interface. The main window shows a list of MIDI input and output devices, including "DDJ-1000 v6.5.0 BOM...", "[0] INIT / MASTER CL...", "[1] DEBUG CLOCK", "[2] ---", "[3] NEEDLE CH1", "[4] MAIN CH1", "[5] SEEK CH1", "[6] ---", "[7] NEEDLE CH2", "[8] MAIN CH2", "[9] SEEK CH2", "[10] ---", "[11] ---", "[12] Experiments", "[13] ---", "[14] DEBUG - CH1", "[15] DEBUG - CH2", and "[16] DEBUG - MIDI". The "Settings - Bome MIDI Translator Pro" dialog box is open, showing the "Virtual MIDI Ports" tab. The "Number of virtual ports" is set to "1 Port". The "Naming of the virtual ports" section has "Short port names (e.g. 'BMT 1')" selected. The "Project: Untitled Project" dialog box is also visible, showing a list of MIDI input and output devices, including "Bome MIDI Translator 1 Virtual In", "Bome Virtual Port 1 -> Bome MIDI Transla...", "DDJ-1000", and "MIDI Translator 1 ...".

DDJ-1000 v6.5.0 BOME - Main File - please run before traktor.bmt.p - Bome MIDI Translator Pro

File Edit MIDI View Help

Project: Untitled Project

Here, you can assign default MIDI ports for the entire project. ...

MIDI INPUT

From Traktor

| MIDI IN Port | Port State |
|--|------------|
| <input type="checkbox"/> Bome MIDI Translator 1 Virtual In | open |
| <input type="checkbox"/> Bome Virtual Port 1 -> Bome MIDI Transla... | open |
| <input type="checkbox"/> DDJ-1000 | open |
| <input type="checkbox"/> MIDI Translator 1 ... | open |

Short port names!

Settings - Bome MIDI Translator Pro

Start-Up

Appearance

Confirm

Virtual MIDI Ports

Serial Ports

Export/Import

Reset

Virtual MIDI Ports

Here you can create virtual MIDI ports that you can use to send MIDI messages directly to other MIDI applications, and receive MIDI messages from other applications. Select the number of virtual ports you need.

Number of virtual ports:

1 Port

Naming of the virtual ports:

☐ Long port names (e.g. "Bome MIDI Translator 1")

☒ Short port names (e.g. "BMT 1")

OK Cancel

Event Monitor Log W

1: Discovered MIDI INPUT :
2: Discovered MIDI OUTPUT:
3: MIDIManager started.
4: Loaded Project file: C:\V
5: Activated preset: INIT /
6: Activated preset: NEEDLE
7: Activated preset: MAIN C
8: Activated preset: SEEK C
9: Activated preset: NEEDLE
10: Activated preset: MAIN CH2
11: Activated preset: SEEK CH2
12: Opened MIDI IN: Bome MIDI Translator 1 Virtual In
13: Opened MIDI IN: DDJ-1000
14: Opened MIDI OUT: Bome MIDI Translator 1 Virtual Out
15: Opened MIDI OUT: DDJ-1000

☐ Incoming ☐ Rules ☐ Outgoing ☐ MIDI IN ☐ MIDI OUT ☐ Timestamped

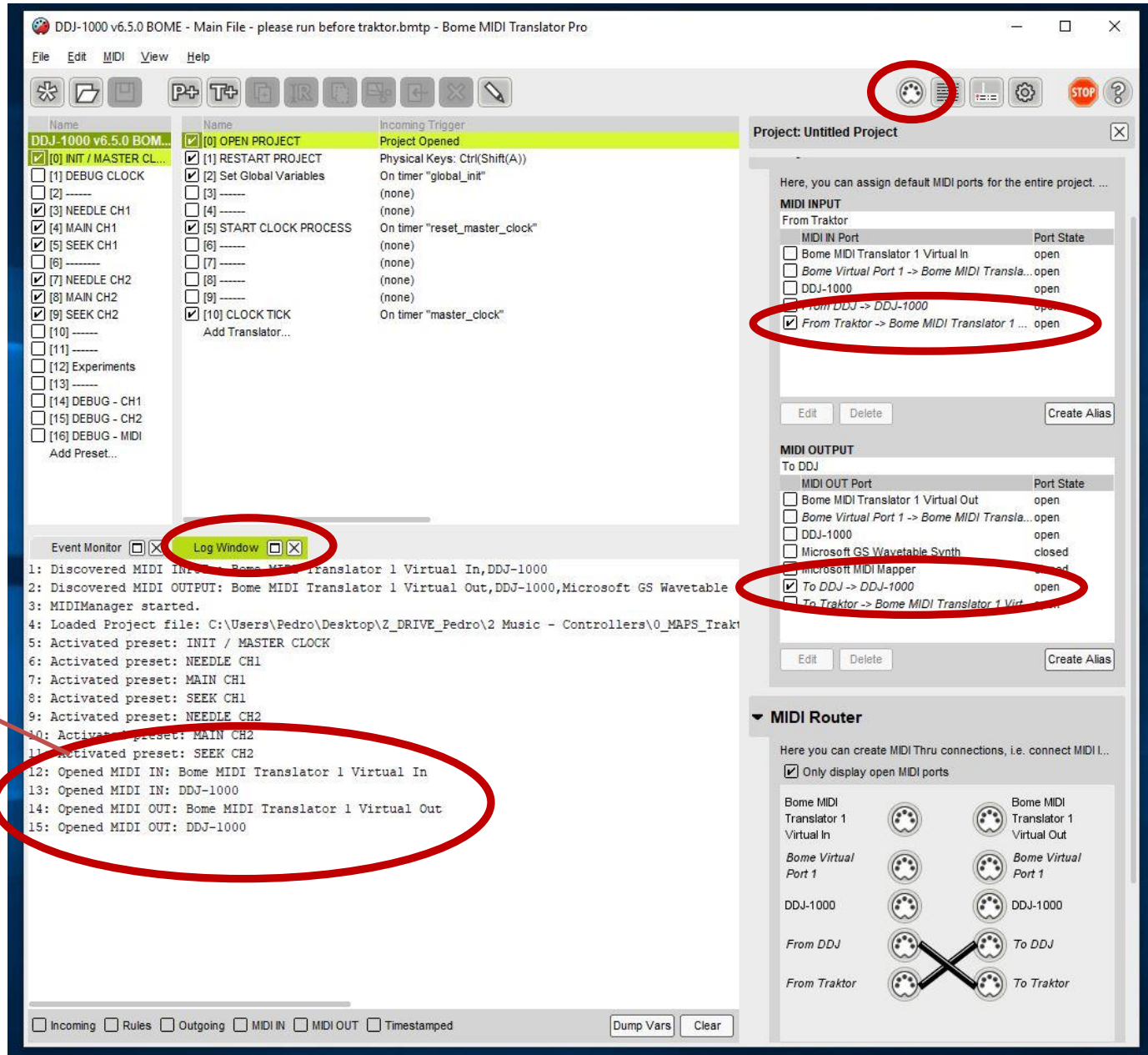
Dump Vars Clear

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

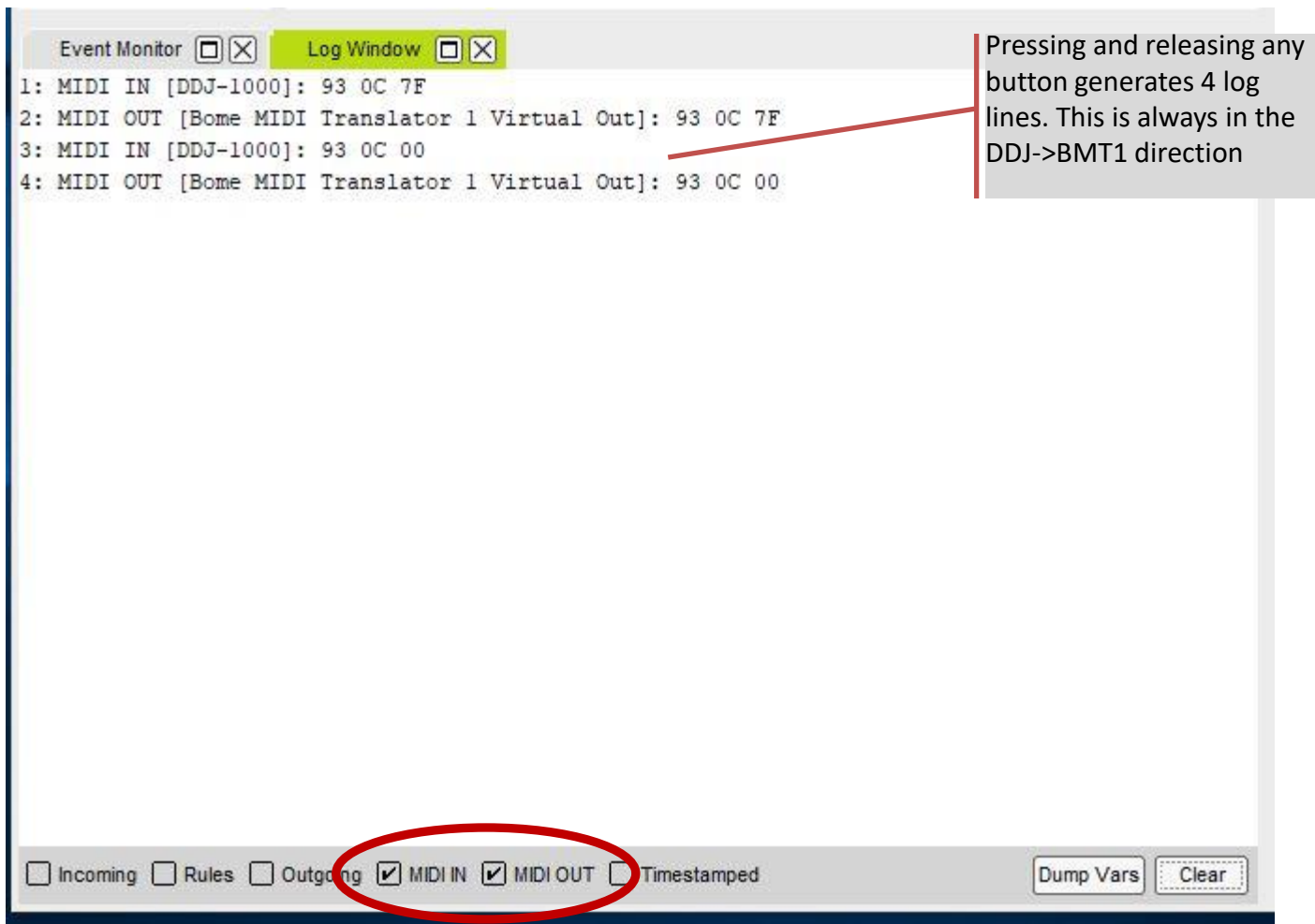
☒ Only display open MIDI ports

| | |
|-----------------------------------|------------------------------------|
| Bome MIDI Translator 1 Virtual In | Bome MIDI Translator 1 Virtual Out |
| Bome Virtual Port 1 | Bome Virtual Port 1 |
| DDJ-1000 | DDJ-1000 |
| From DDJ | To DDJ |
| From Traktor | To Traktor |

BOME: Correct startup log



BOME: confirm DDJ talks to BOME



The screenshot shows a software interface with two windows: "Event Monitor" and "Log Window". The "Log Window" is active and displays four lines of MIDI event data:

- 1: MIDI IN [DDJ-1000]: 93 0C 7F
- 2: MIDI OUT [Bome MIDI Translator 1 Virtual Out]: 93 0C 7F
- 3: MIDI IN [DDJ-1000]: 93 0C 00
- 4: MIDI OUT [Bome MIDI Translator 1 Virtual Out]: 93 0C 00

A red line points from the text box on the right to the second and third lines of the log. The bottom of the interface features a row of checkboxes: ☐ Incoming, ☐ Rules, ☐ Outgoing, ☒ MIDI IN, ☒ MIDI OUT, and ☐ Timestamped. The "MIDI IN" and "MIDI OUT" checkboxes are circled in red. To the right of these checkboxes are two buttons: "Dump Vars" and "Clear".

Pressing and releasing any button generates 4 log lines. This is always in the DDJ->BMT1 direction

BOME: confirm internal clock

Event Monitor ☐ ☒ Log Window ☐ ☒

```
1687: RULE 3.10 assignment: (pp=0) = 0
1688: RULE 3.10 exit rules, skip Outgoing Action
1689: RULE 7.10 assignment: (pp=0) = 0
1690: RULE 7.10 exit rules, skip Outgoing Action
1691: RULE 0.10 expression: (hz=hz+1) = 57579
1692: RULE 3.10 assignment: (pp=0) = 0
1693: RULE 3.10 exit rules, skip Outgoing Action
1694: RULE 7.10 assignment: (pp=0) = 0
1695: RULE 7.10 exit rules, skip Outgoing Action
1696: RULE 0.10 expression: (hz=hz+1) = 57580
1697: RULE 3.10 assignment: (pp=0) = 0
1698: RULE 3.10 exit rules, skip Outgoing Action
1699: RULE 7.10 assignment: (pp=0) = 0
1700: RULE 7.10 exit rules, skip Outgoing Action
1701: RULE 0.10 expression: (hz=hz+1) = 57581
1702: RULE 3.10 assignment: (pp=0) = 0
1703: RULE 3.10 exit rules, skip Outgoing Action
1704: RULE 7.10 assignment: (pp=0) = 0
1705: RULE 7.10 exit rules, skip Outgoing Action
1706: RULE 0.10 expression: (hz=hz+1) = 57582
1707: RULE 3.10 assignment: (pp=0) = 0
1708: RULE 3.10 exit rules, skip Outgoing Action
1709: RULE 7.10 assignment: (pp=0) = 0
1710: RULE 7.10 exit rules, skip Outgoing Action
```

HZ goes up
one by one continuously

☐ Incoming ☒ Rules ☐ Outgoing ☒ MIDI IN ☒ MIDI OUT ☐ Timestamped

Dump Vars Clear

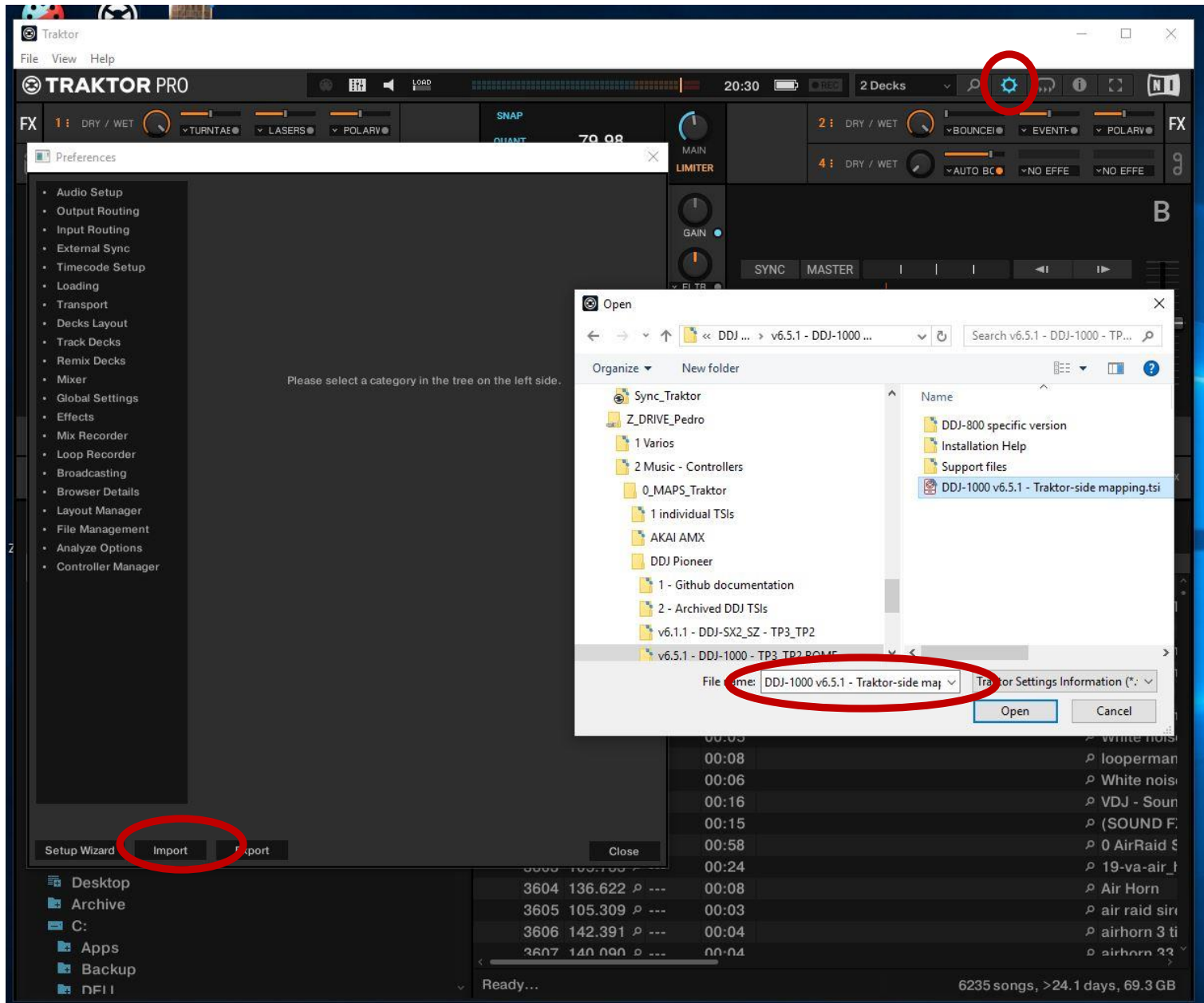
TRAKTOR-SIDE

do not skip any step!

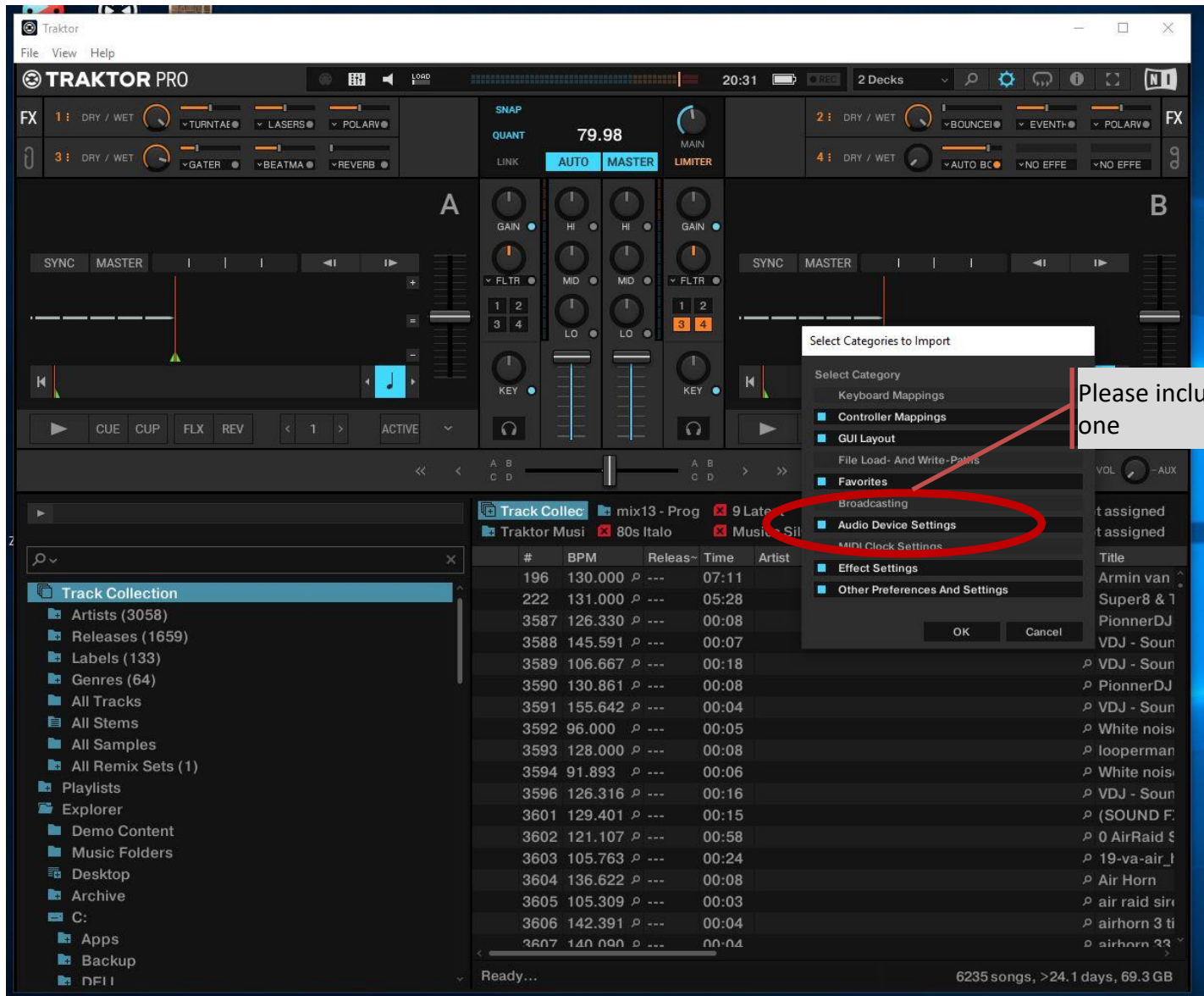
INSTALL TRAKTOR MAPPING:

1. Open Traktor
2. Click Settings
3. Click big “import button” on lower left corner
4. Accept all check settings, PLUS additionally the “Audio device settings”
5. Repeat the mapping installation a second time. This is ensure the FX list is correct (this is a Traktor bug that is going on for years)!

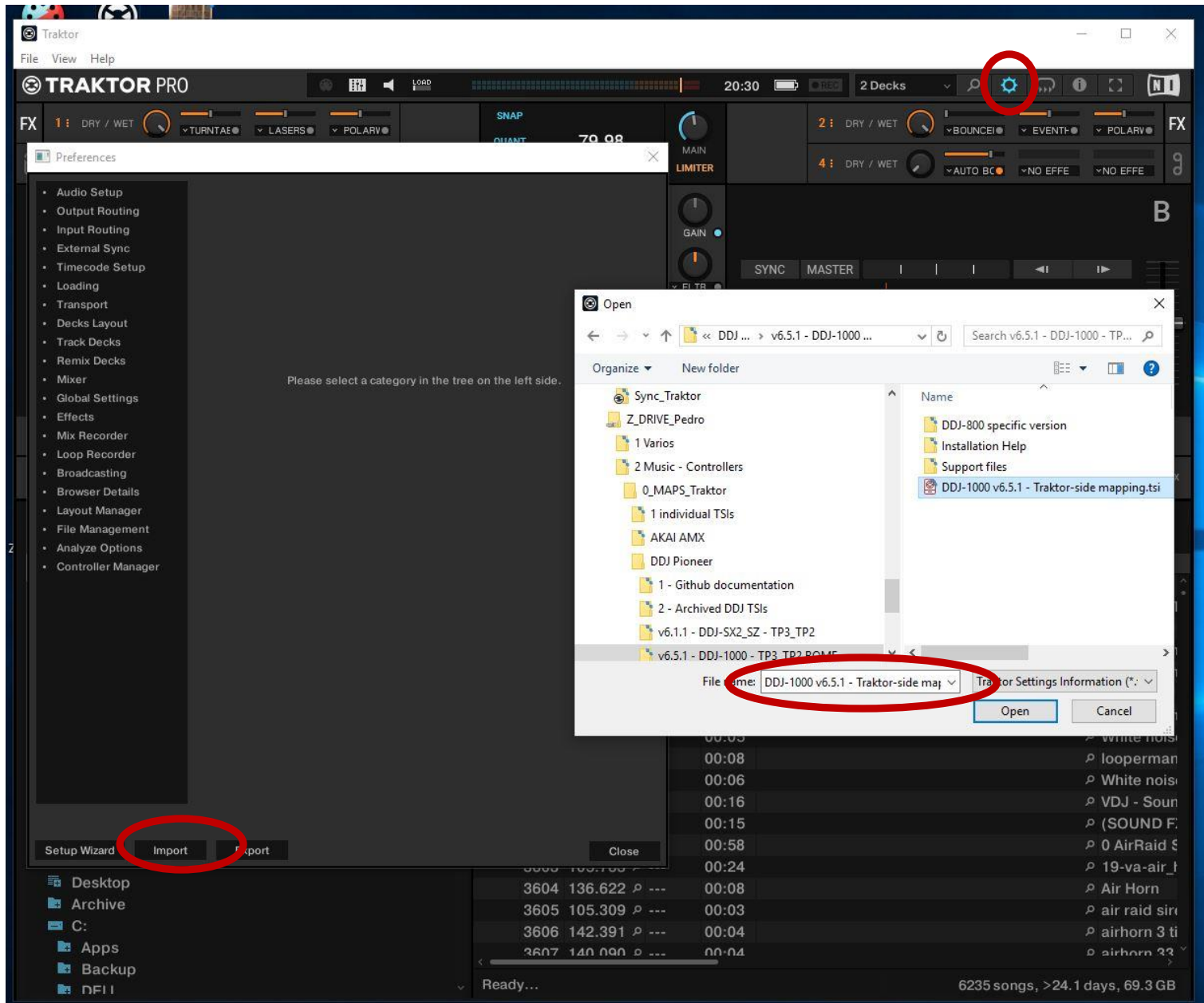
TRAKTOR: import mapping



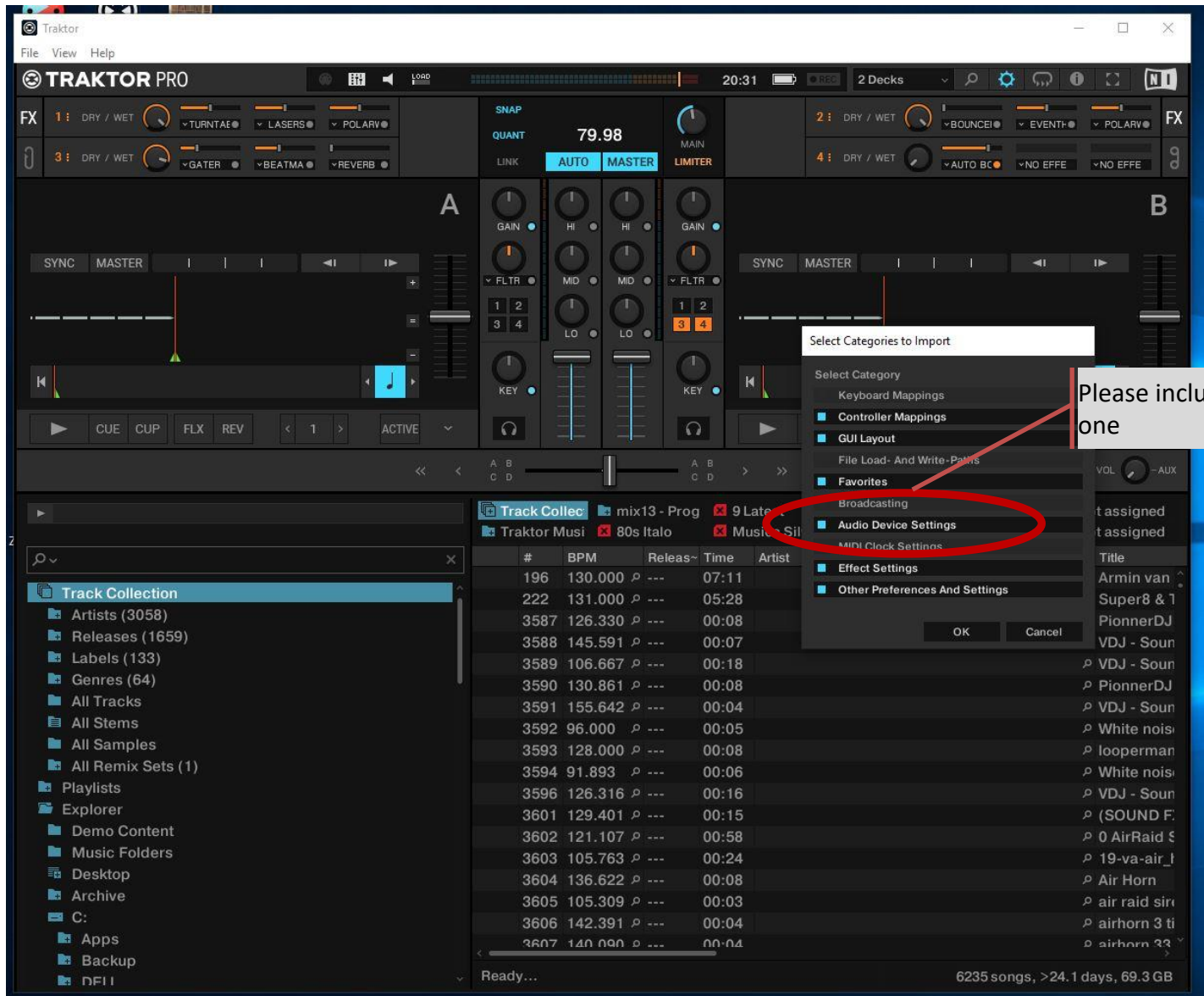
TRAKTOR: add audio device config



TRAKTOR: import mapping (second time)



TRAKTOR: add audio device config (second time)



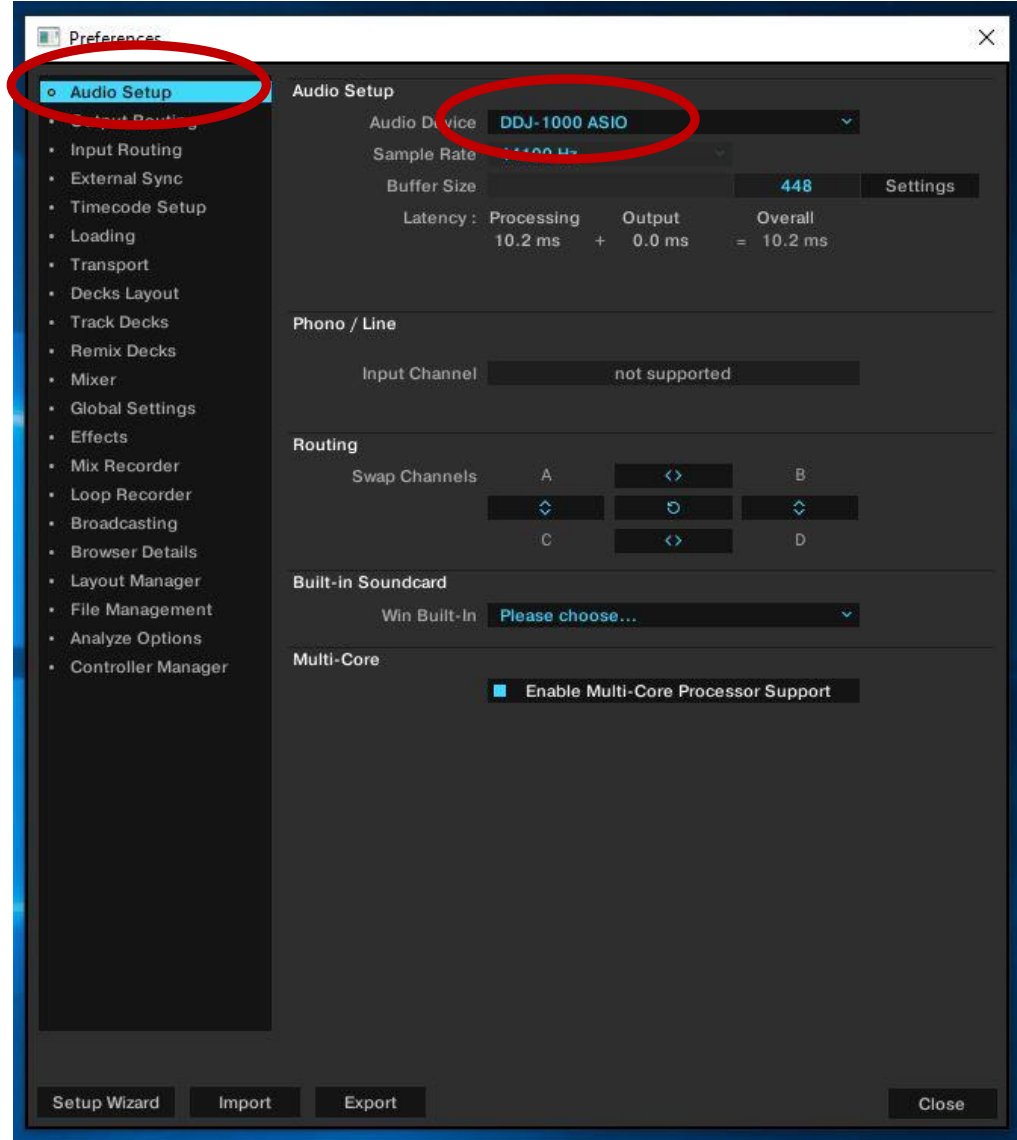
TRAKTOR VERIFICATION:

1. Confirm the audio device is DDJ-1000
 1. Method: Settings ; audio setup ; confirm audio device
2. Verify what already works on the mapping
 1. Method: Load a track; click Cue and play/pause repeatedly
 2. Use shift+quantize to send a reset command to BOME
3. Confirm all MIDI communication is via “BMT1”.
 1. Method: Settings; controller manager; click all devices; IN and OUT port
 2. **DO NOT SET DDJ-1000 in the controller manager!!!**
4. Test that bidirectional communication works
 1. Method: open the bome window; click the “CUE” button; verify that the BOME log displays at least 8 lines per click



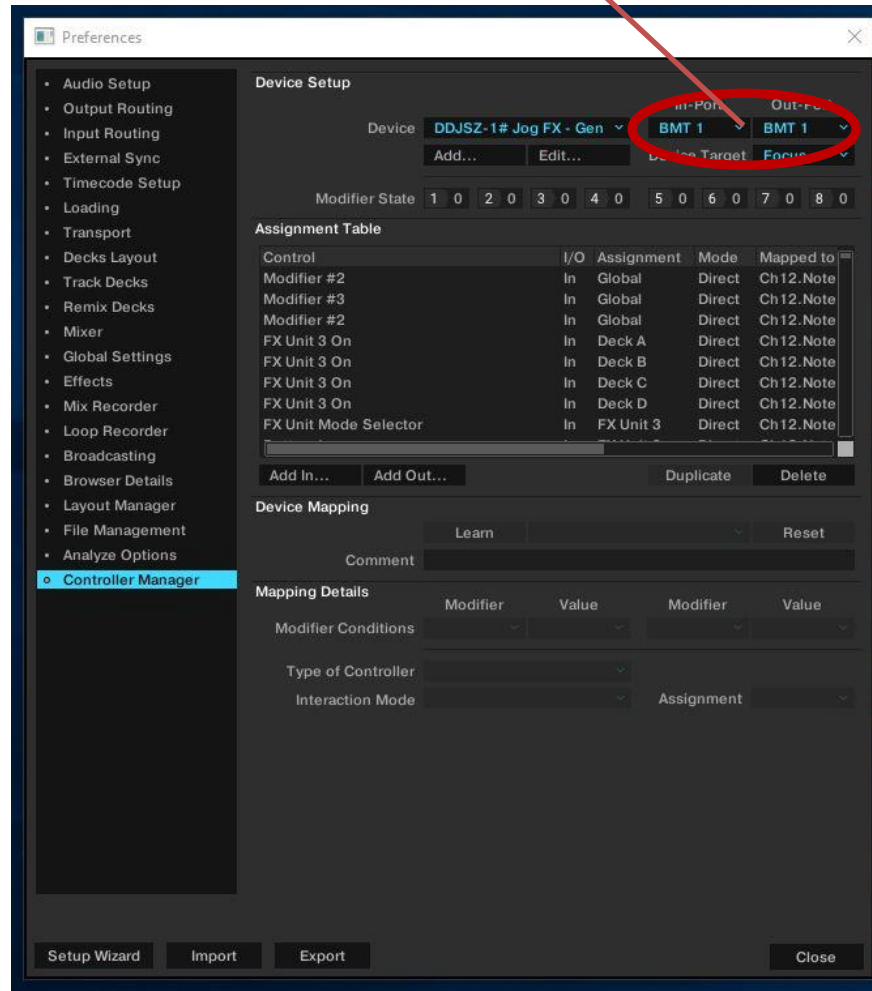
#1 mistake !!

TRAKTOR: check audio device



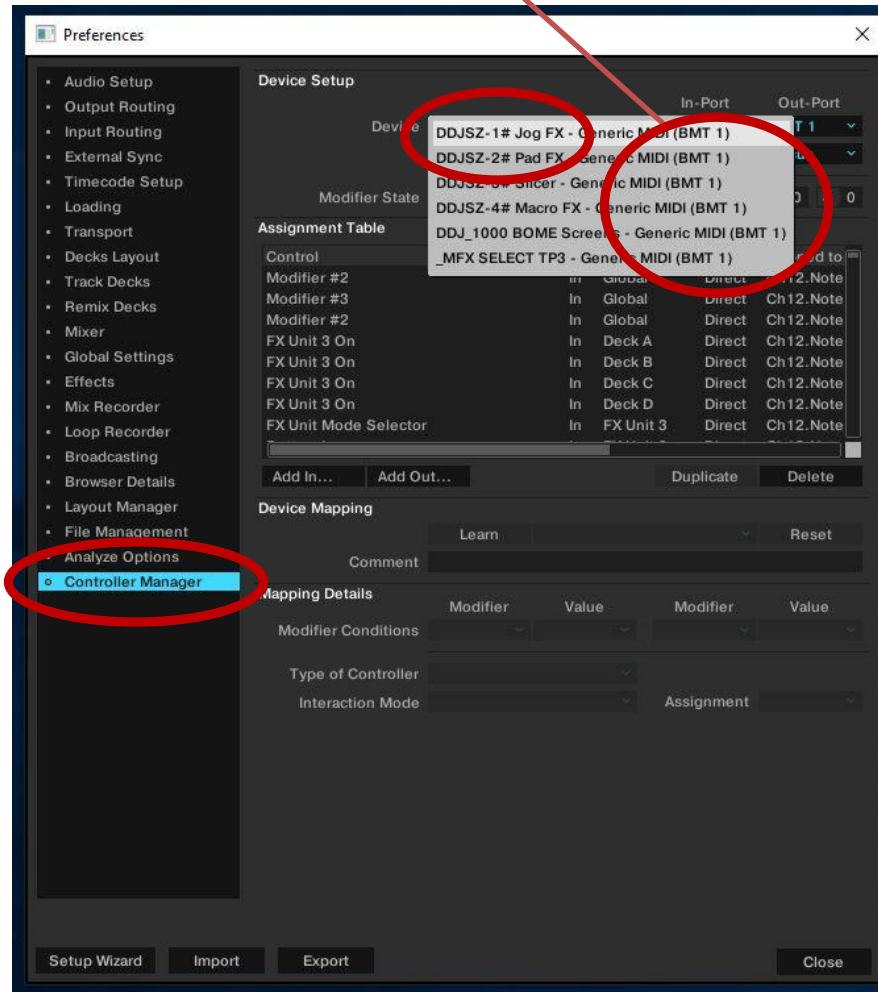
TRAKTOR: MIDI via "BMT1"

Both IN and OUT = "BMT1"
For ALL PAGES!

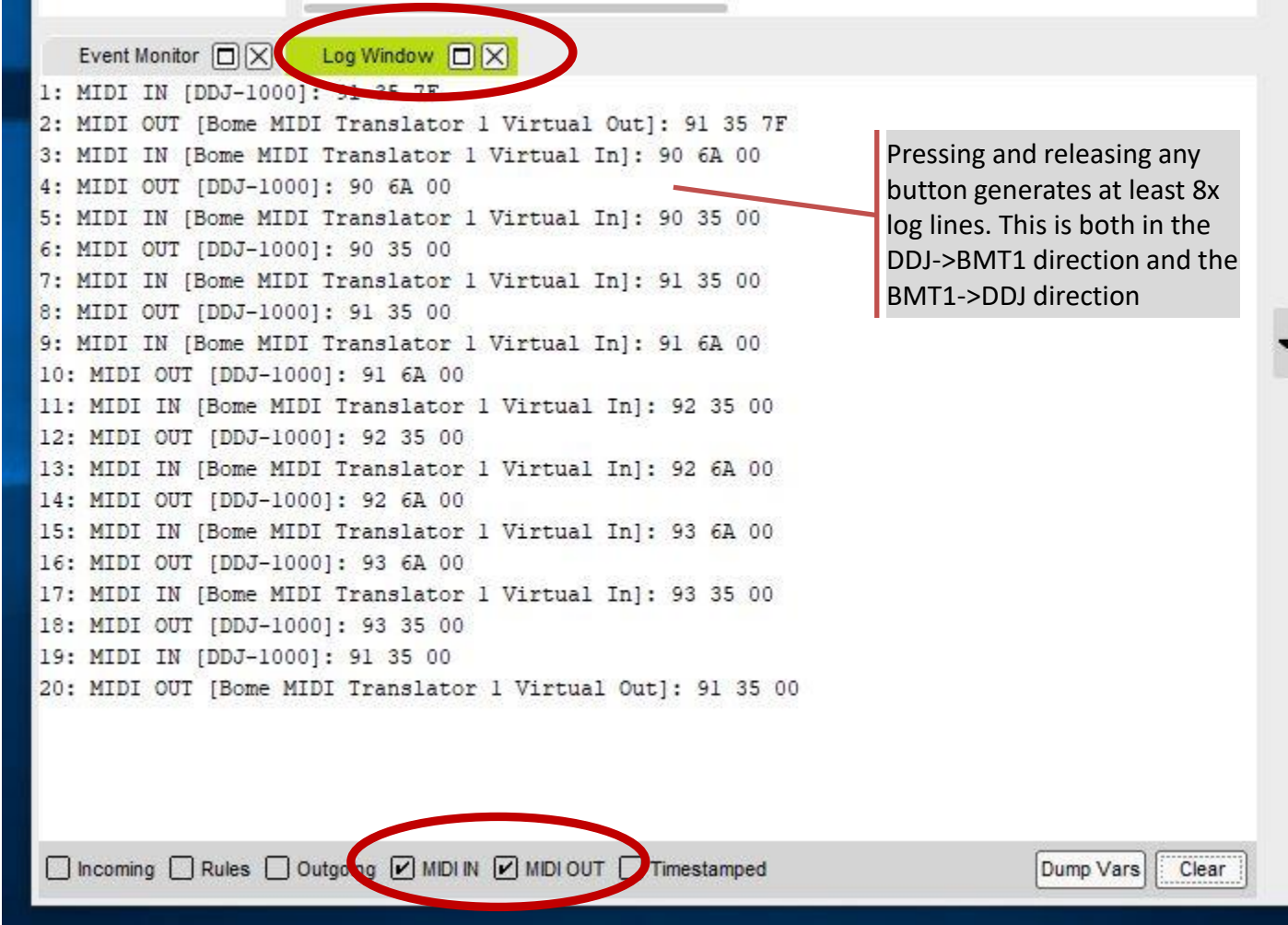


TRAKTOR: MIDI via "BMT1"

All pages with "BMT1"



BOME: confirm bidirectional flow



Event Monitor ☐ ☒ Log Window ☐ ☒

```
1: MIDI IN [DDJ-1000]: 91 35 7F
2: MIDI OUT [Bome MIDI Translator 1 Virtual Out]: 91 35 7F
3: MIDI IN [Bome MIDI Translator 1 Virtual In]: 90 6A 00
4: MIDI OUT [DDJ-1000]: 90 6A 00
5: MIDI IN [Bome MIDI Translator 1 Virtual In]: 90 35 00
6: MIDI OUT [DDJ-1000]: 90 35 00
7: MIDI IN [Bome MIDI Translator 1 Virtual In]: 91 35 00
8: MIDI OUT [DDJ-1000]: 91 35 00
9: MIDI IN [Bome MIDI Translator 1 Virtual In]: 91 6A 00
10: MIDI OUT [DDJ-1000]: 91 6A 00
11: MIDI IN [Bome MIDI Translator 1 Virtual In]: 92 35 00
12: MIDI OUT [DDJ-1000]: 92 35 00
13: MIDI IN [Bome MIDI Translator 1 Virtual In]: 92 6A 00
14: MIDI OUT [DDJ-1000]: 92 6A 00
15: MIDI IN [Bome MIDI Translator 1 Virtual In]: 93 6A 00
16: MIDI OUT [DDJ-1000]: 93 6A 00
17: MIDI IN [Bome MIDI Translator 1 Virtual In]: 93 35 00
18: MIDI OUT [DDJ-1000]: 93 35 00
19: MIDI IN [DDJ-1000]: 91 35 00
20: MIDI OUT [Bome MIDI Translator 1 Virtual Out]: 91 35 00
```

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

☐ Incoming ☐ Rules ☐ Outgoing ☒ MIDI IN ☒ MIDI OUT ☐ Timestamped

Dump Vars Clear

**IF ITS STILL NOT
WORKING 😞**

*make a video of every verification step of this guide,
and send it to pedro.estrela@gmail.com*