

NT-USB MINI

STUDIO-QUALITY USB MICROPHONE

RECORDING 2 MICS AND ZERO LATENCY MONITORING | PC

STEP 1

Download ASIO Driver

The screenshot shows a web browser window with the URL asio4all.org. The page title is "ASIO4ALL - Universal ASIO Driver For WDM Audio". The navigation menu includes "A4A News", "FAQ/Troubleshooting", "Project Brief", "History", "Forum", and "Acknowledgments". A prominent white box with a blue "DOWNLOAD" button says "Start Update of Drivers" and "Download Driver Support Tool that Works with Microsoft Windows (Win 10, 8, 7) Driver Support One". Below this, a dark grey section titled "23 May 2017: Version 2.14 released!" contains a bulleted list of features and a note that there is just one single change in this version. A red circle highlights the link "ASIO4ALL 2.14 - English" which is preceded by a UK flag icon. Below this, a section titled "Changes since version 2.13" lists a workaround for a bug in Windows 10 Creators Update. Another section titled "05 November 2015: Version 2.13 released!" lists features and notes a minor update for Windows 10. At the bottom, another link "ASIO4ALL 2.13 - English" is shown with a UK flag icon. The footer of the page includes the URL www.asio4all.org/downloads_11/ASIO4ALL_2_14_English.exe and the text "Translation: Guillaume Fallet".

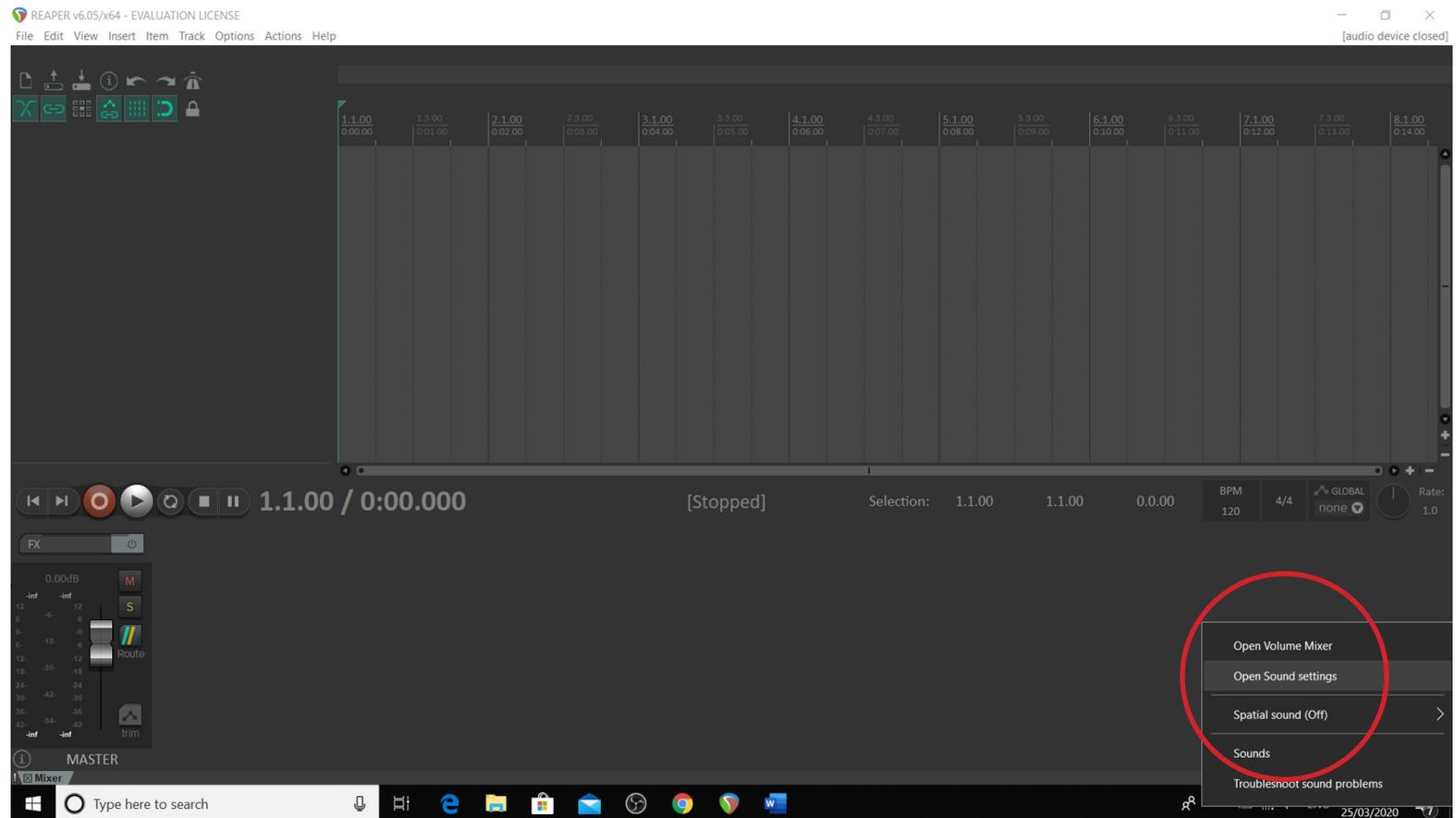
STEP 2

Plug in your two RØDE
NT-USB Mini's



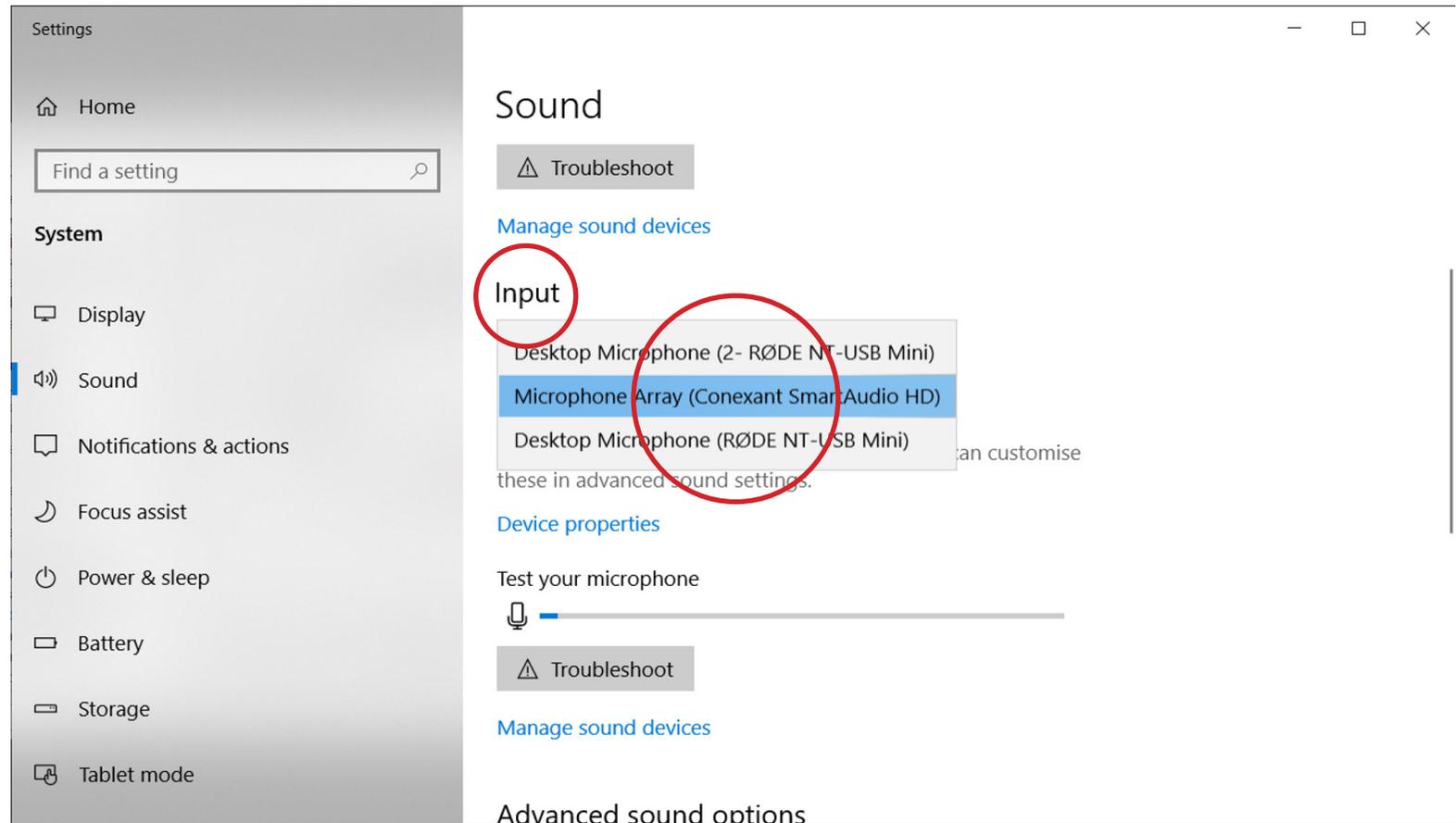
STEP 3

Open Sound settings to deactivate the RØDE NT-USB Mini as the default audio source for your PC



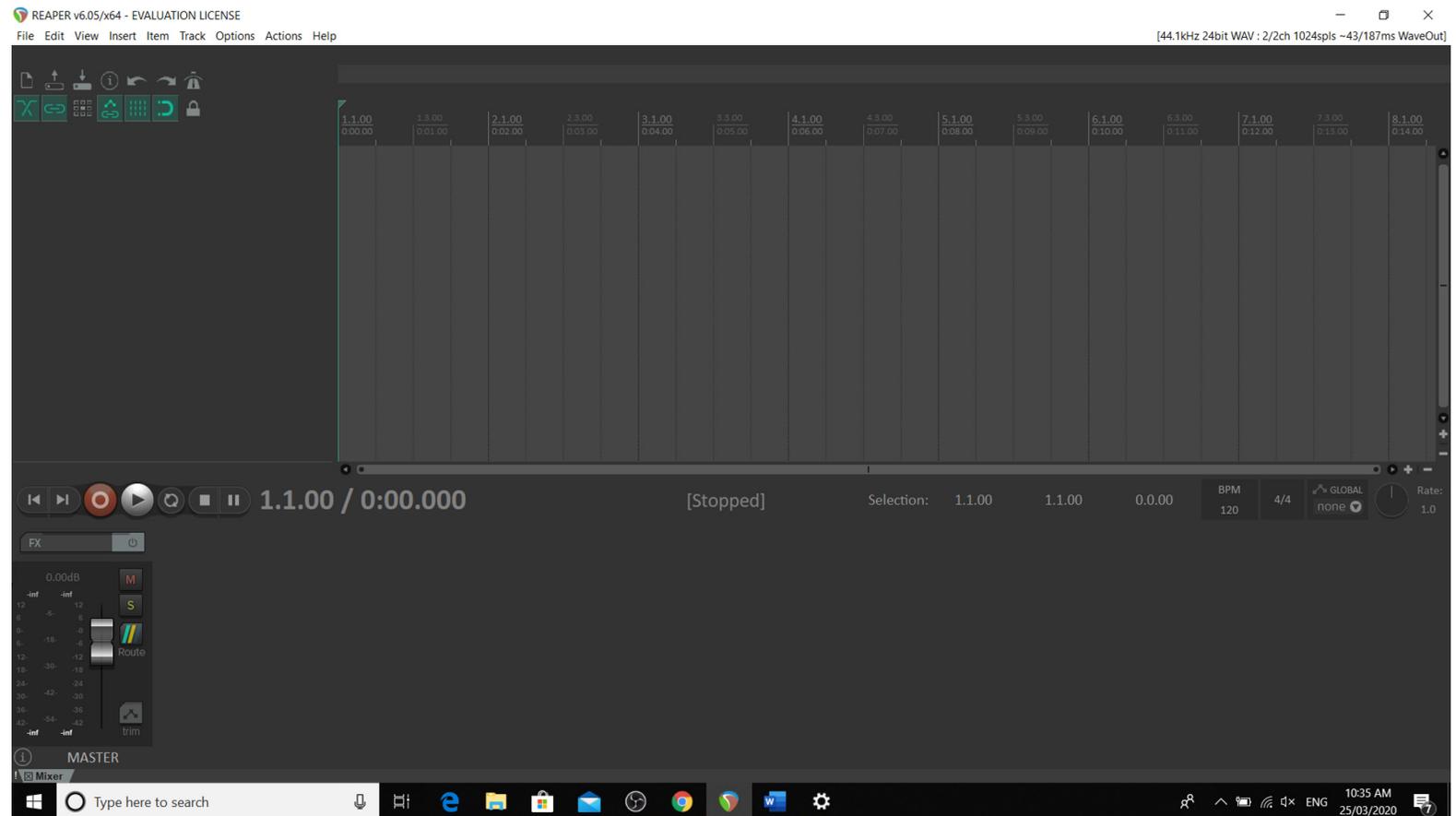
STEP 4

Go to the Input selection and select any input that is NOT the RØDE NTUSB Mini.



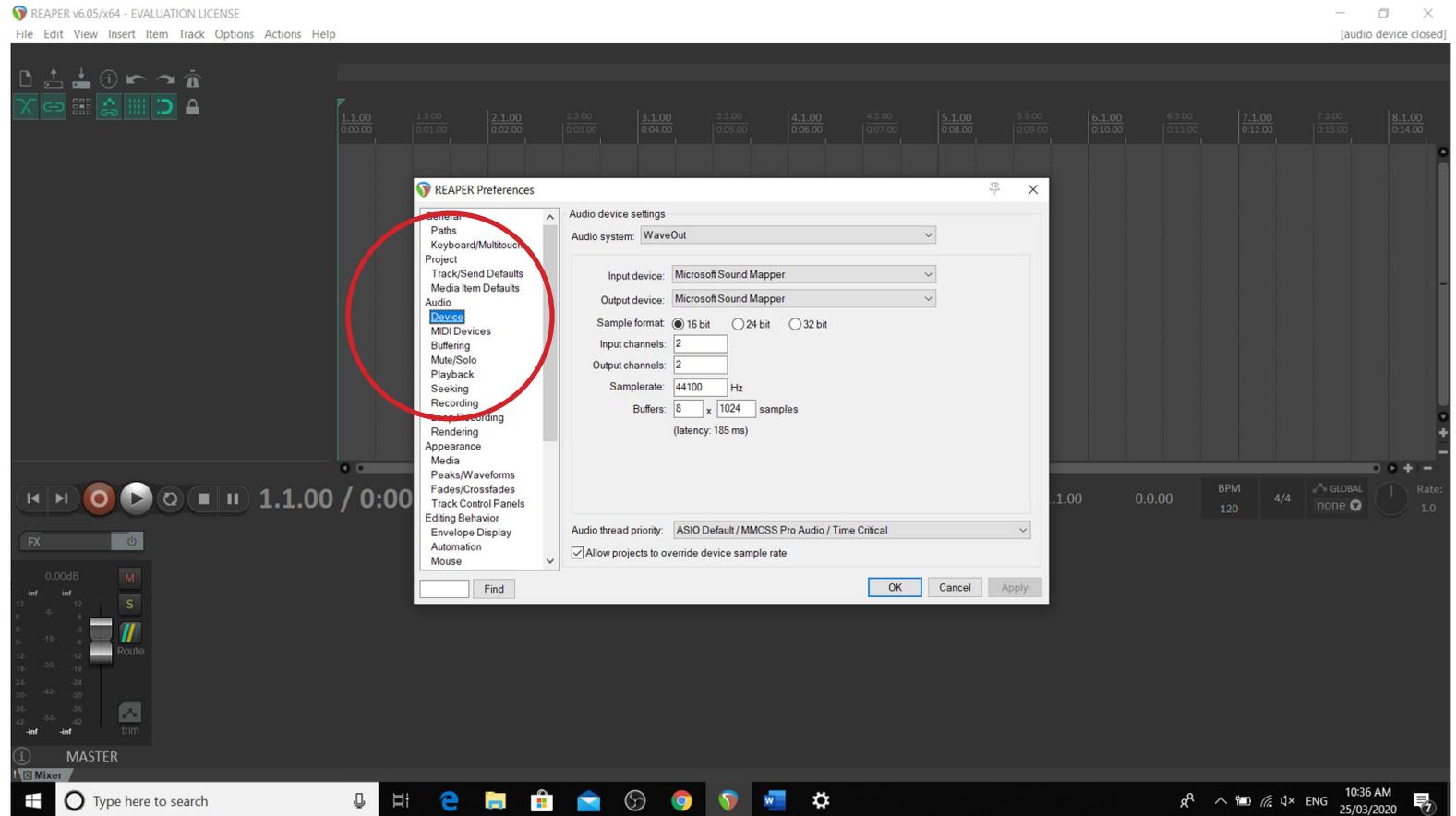
STEP 5

Open up Reaper



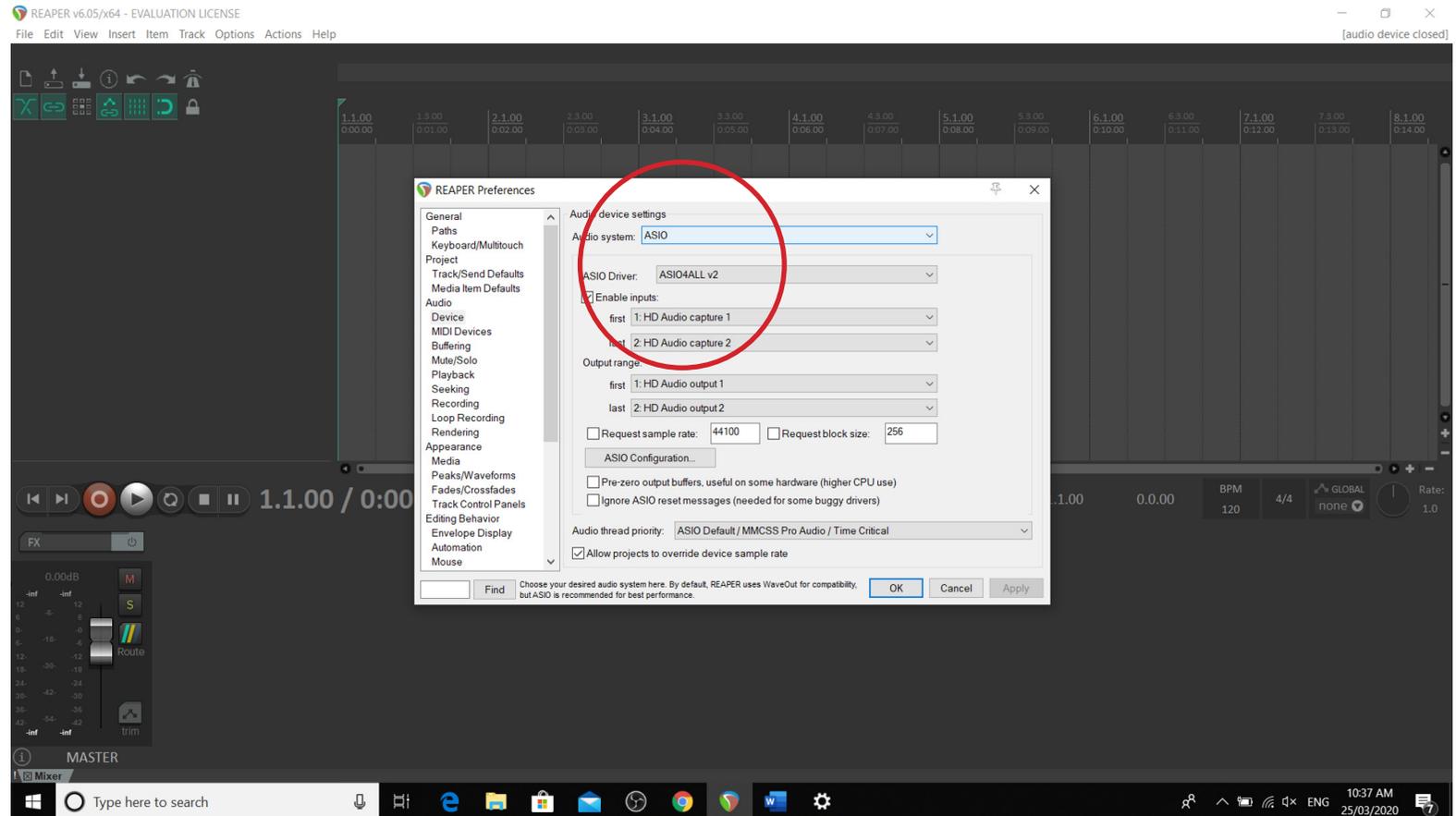
STEP 6

Using Ctrl+P, enter the preferences section and go into 'Device' by selecting it on the list to the left.



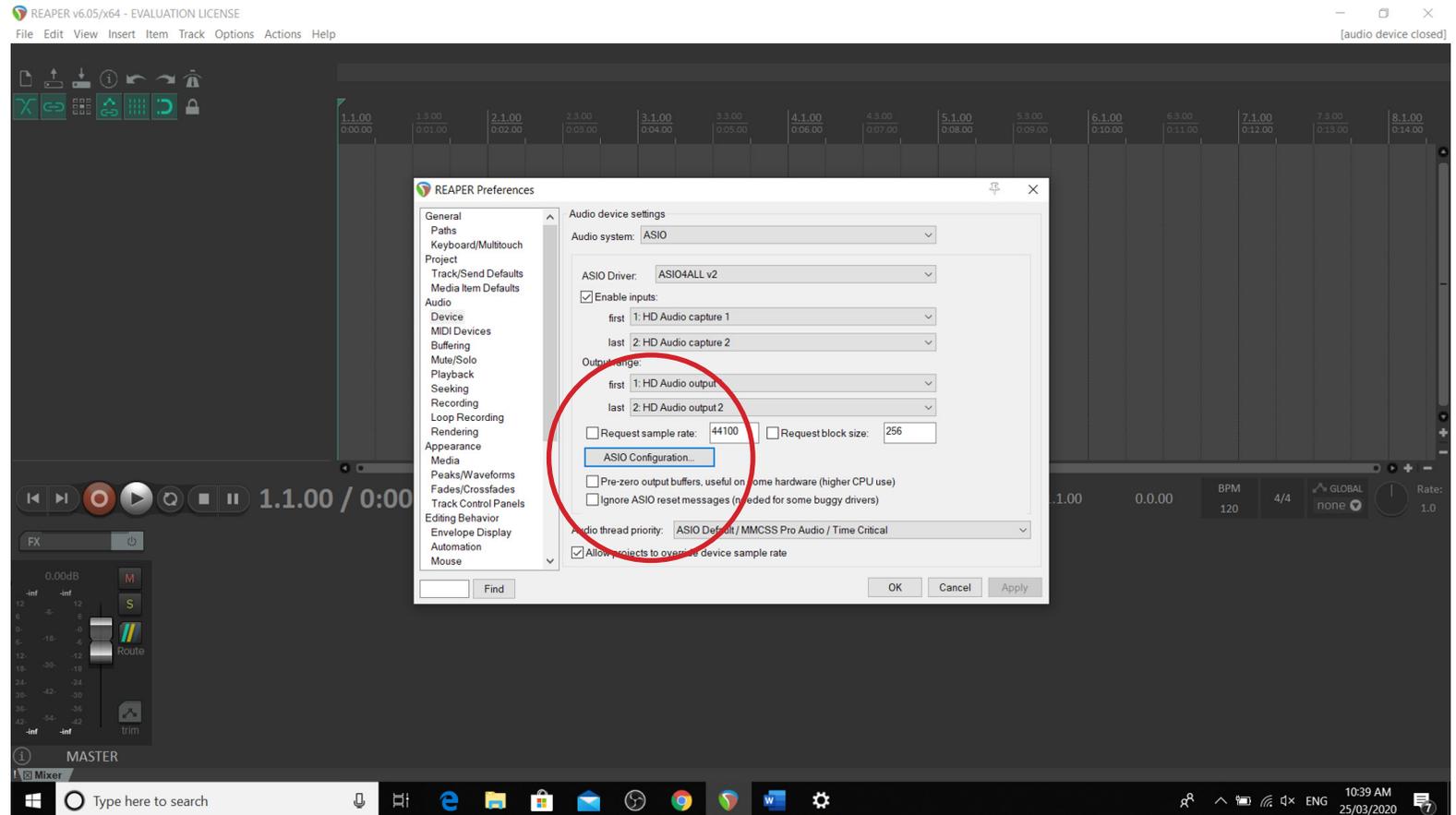
STEP 7

Select 'ASIO' in the 'Audio System' dropdown at the top, and then ASIO4ALL in the 'ASIO Driver' dropdown.



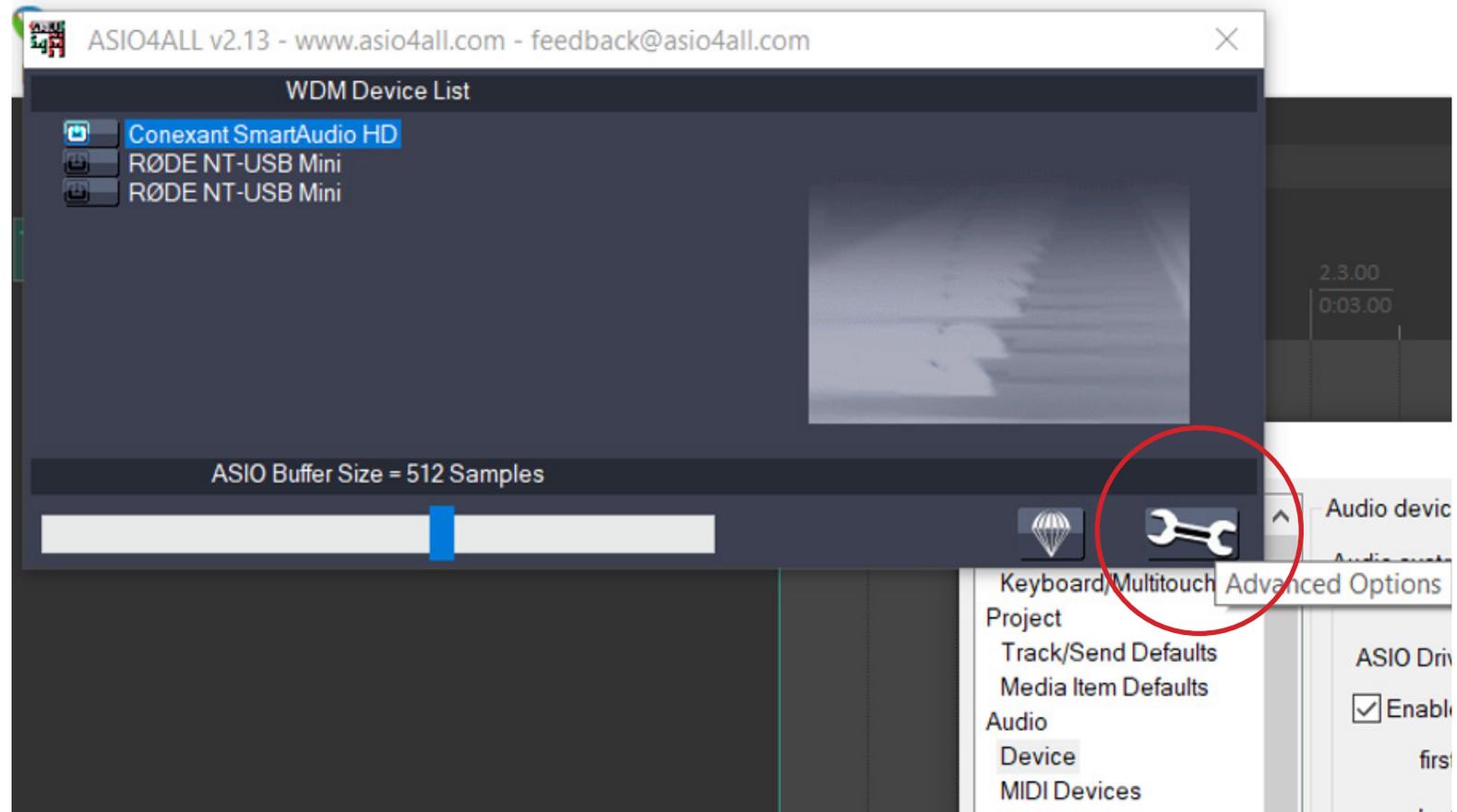
STEP 8

Click on the 'ASIO Configuration' button



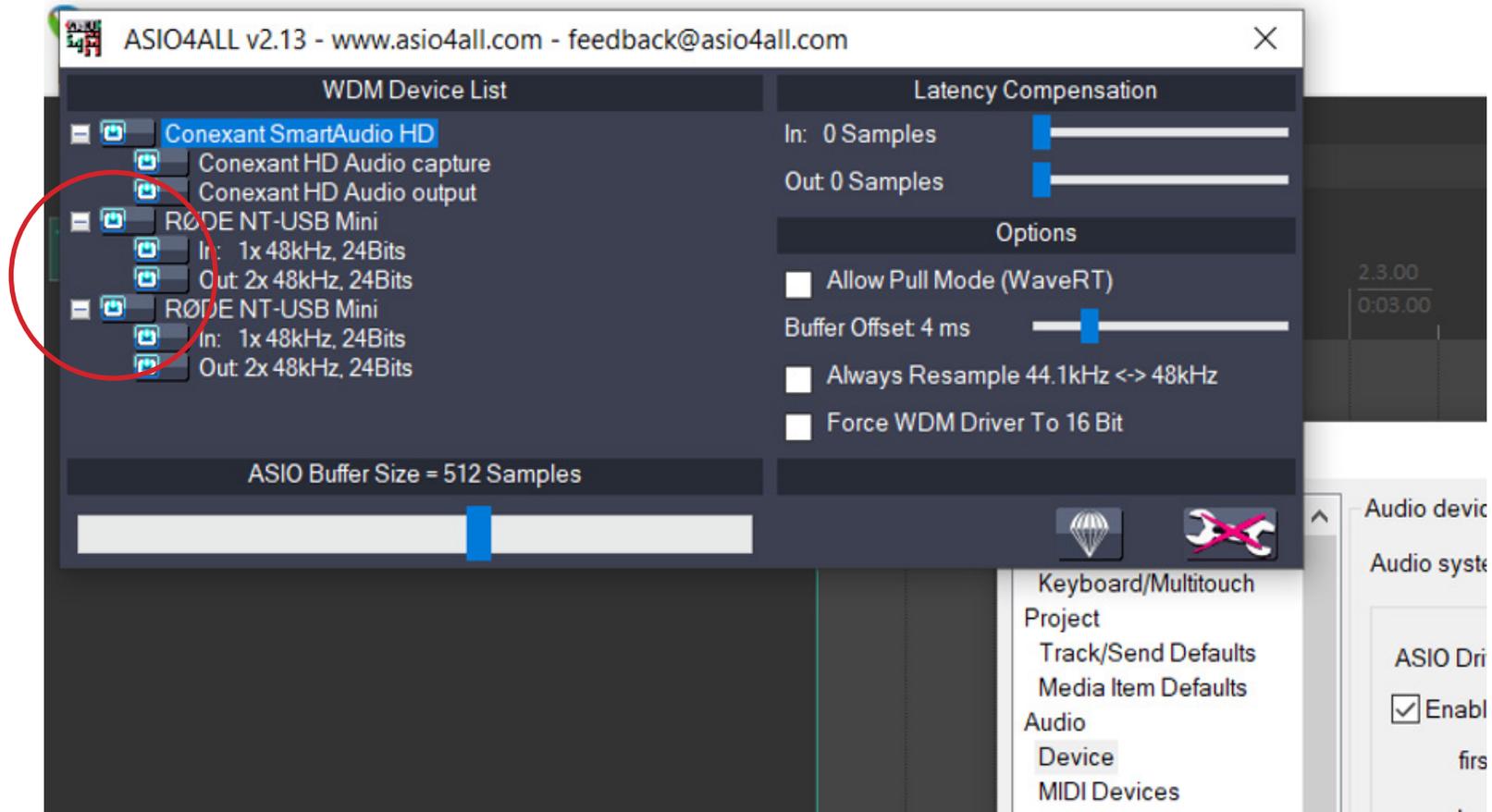
STEP 9

Click on the spanner to enter the Advanced Options menu



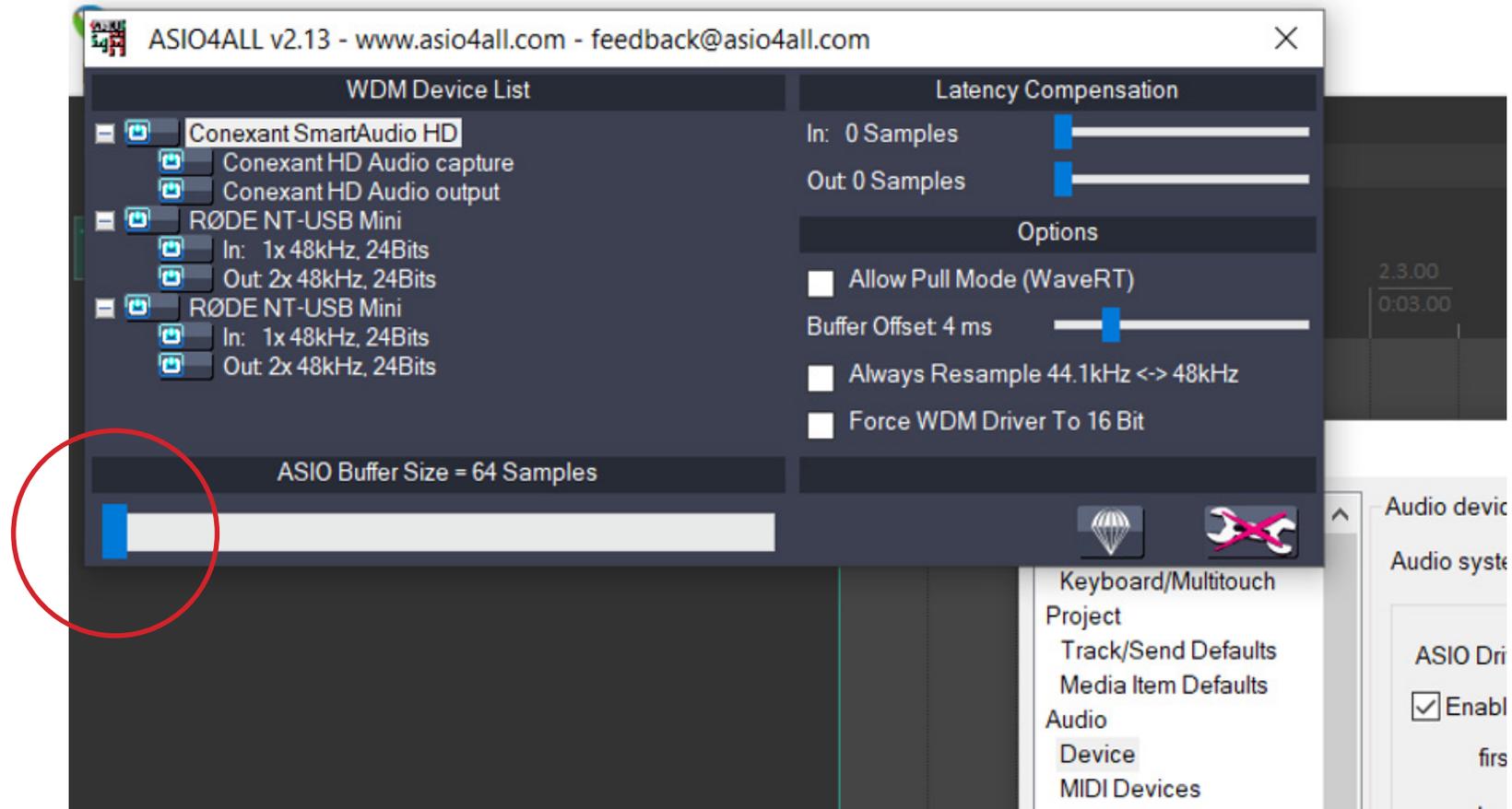
STEP 10

Click on the power icons next to each of the entries for the RØDE NT-USB Mini to ensure they are all illuminated blue



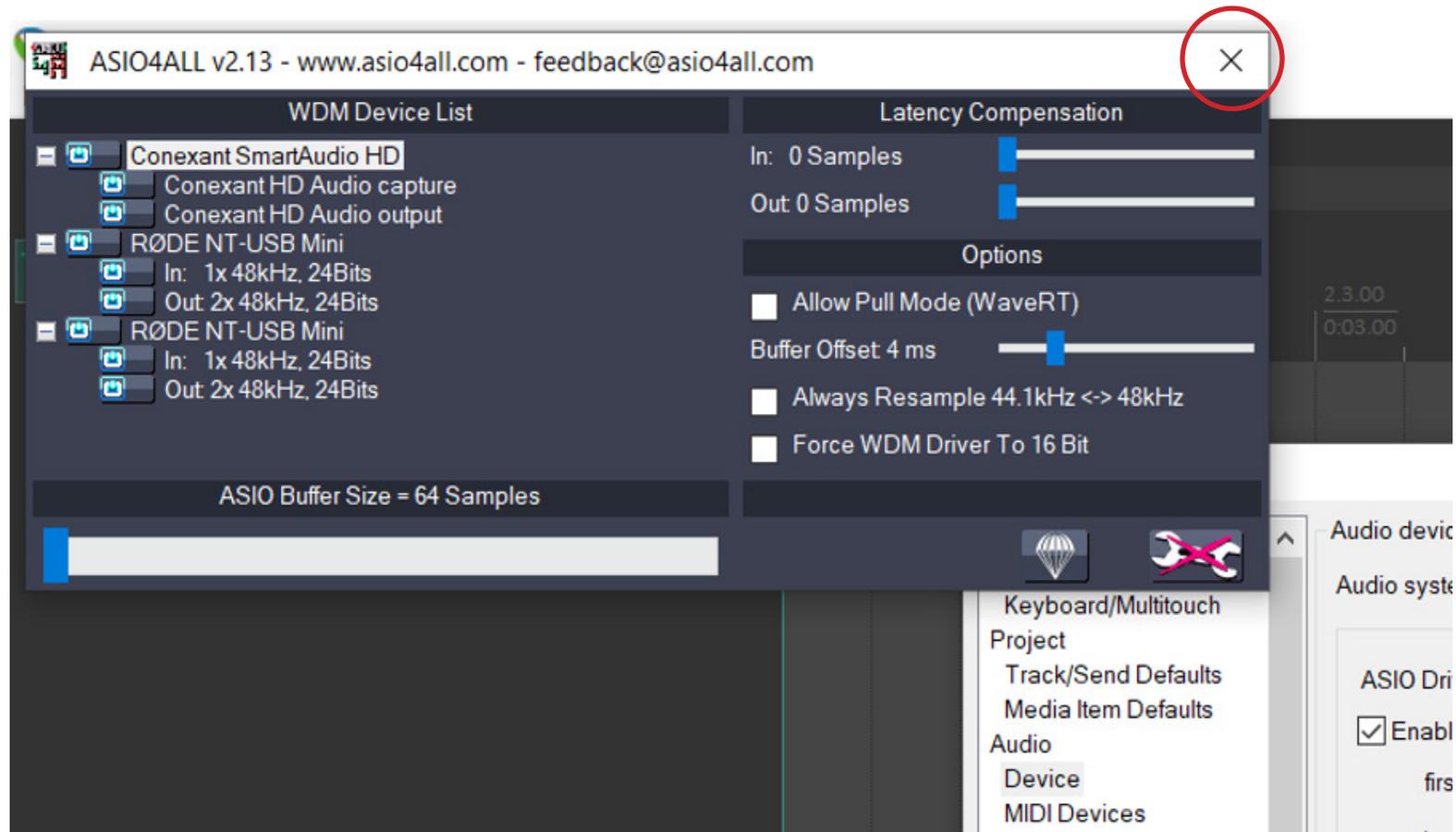
STEP 11

Lower the ASIO Buffer Size using the slider to 64 Samples. This will ensure the lowest amount of latency is achieved for seamless recordings.



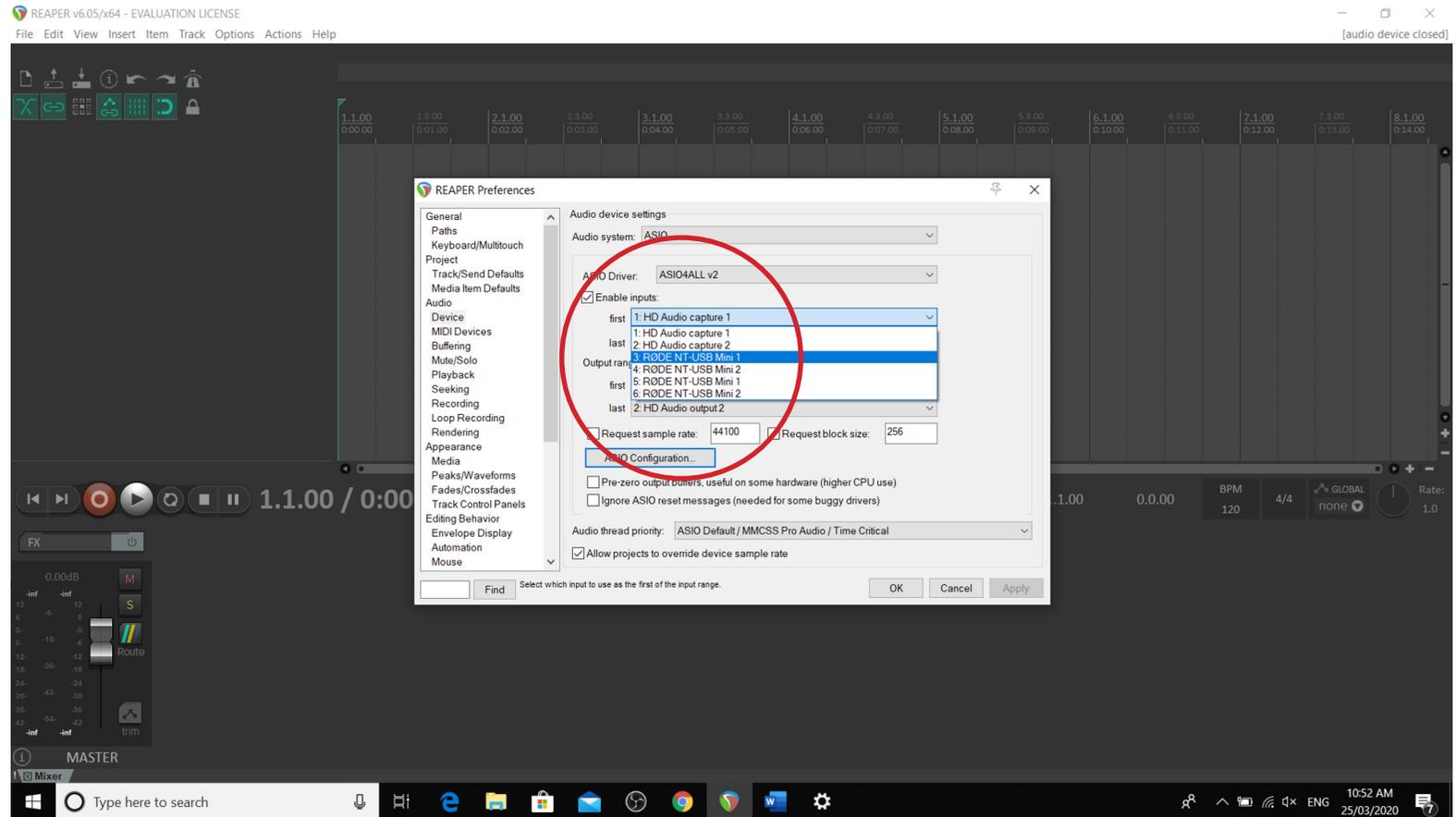
STEP 12

Close the ASIO Configuration dialog box using the cross in the corner



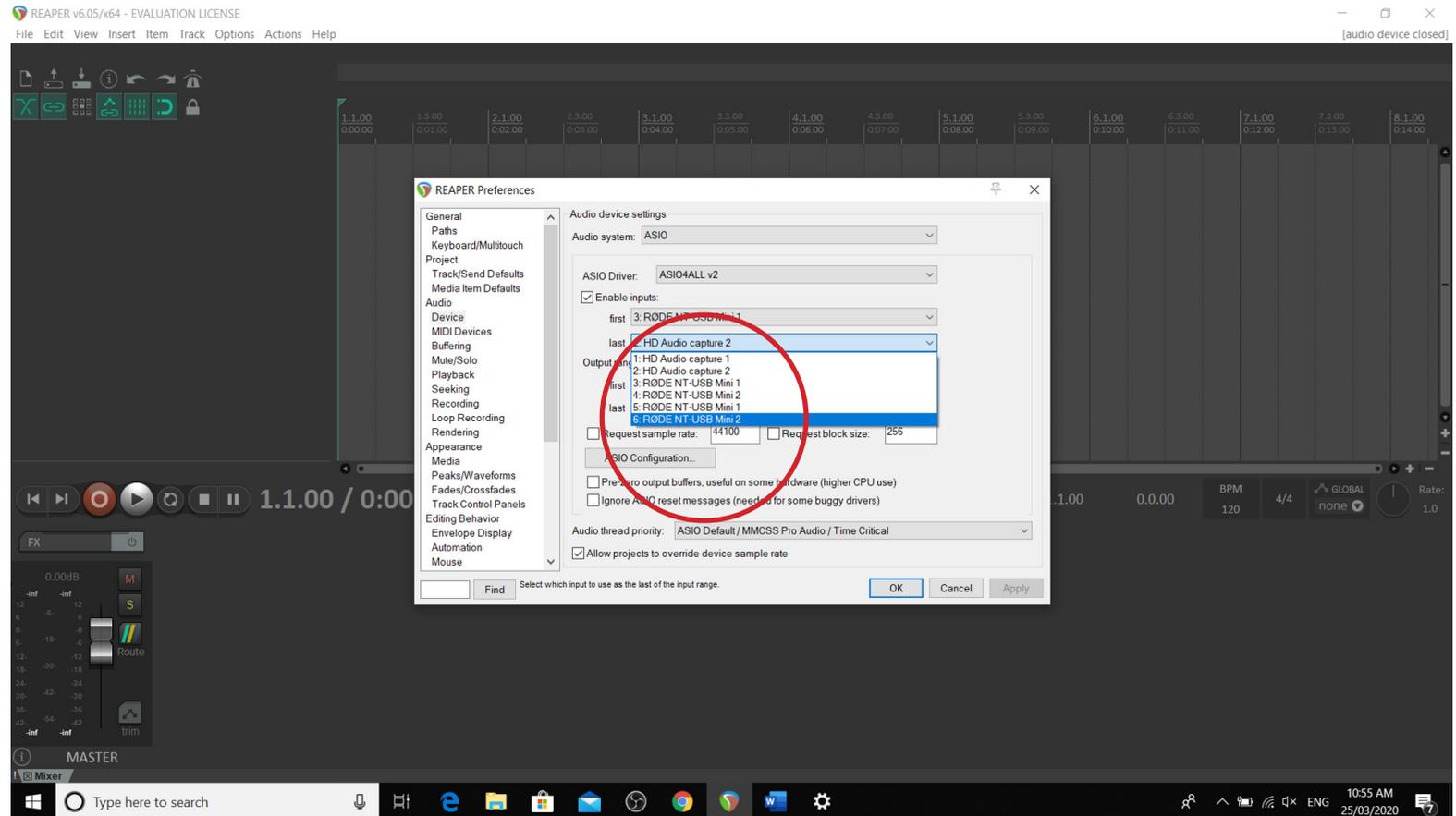
STEP 13

In the Preferences dialog box, open the dropdown for the first audio input. You should see the list of all devices, with the RØDE NT-USB Mini grouped together. Set this first input to be the first RØDE NT-USB Mini entry.



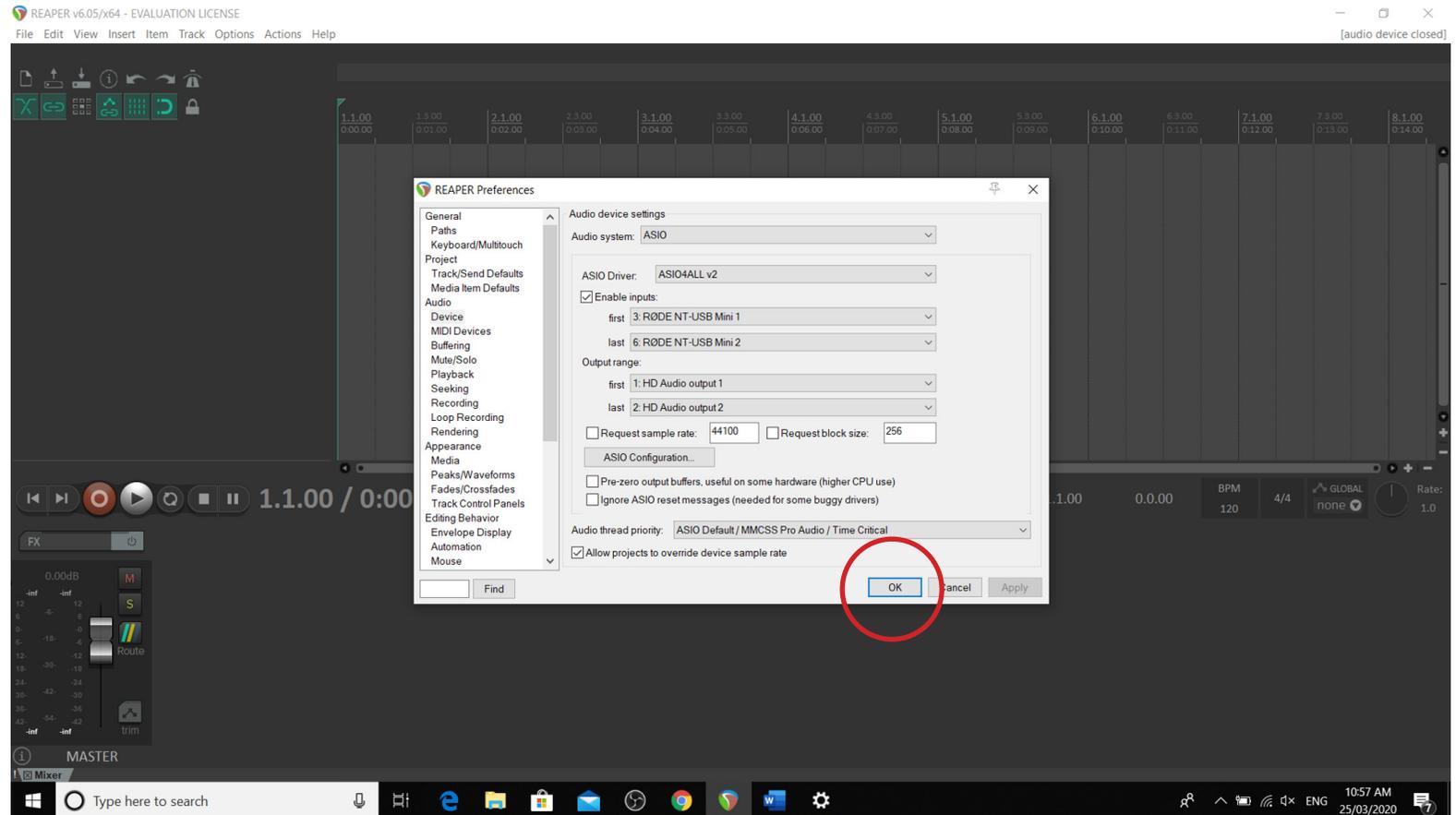
STEP 14

Now open the dropdown for the first audio input. You should see the list of all devices, with the RØDE NT-USB Mini grouped together. Set this input to be the last RØDE NT-USB Mini entry.



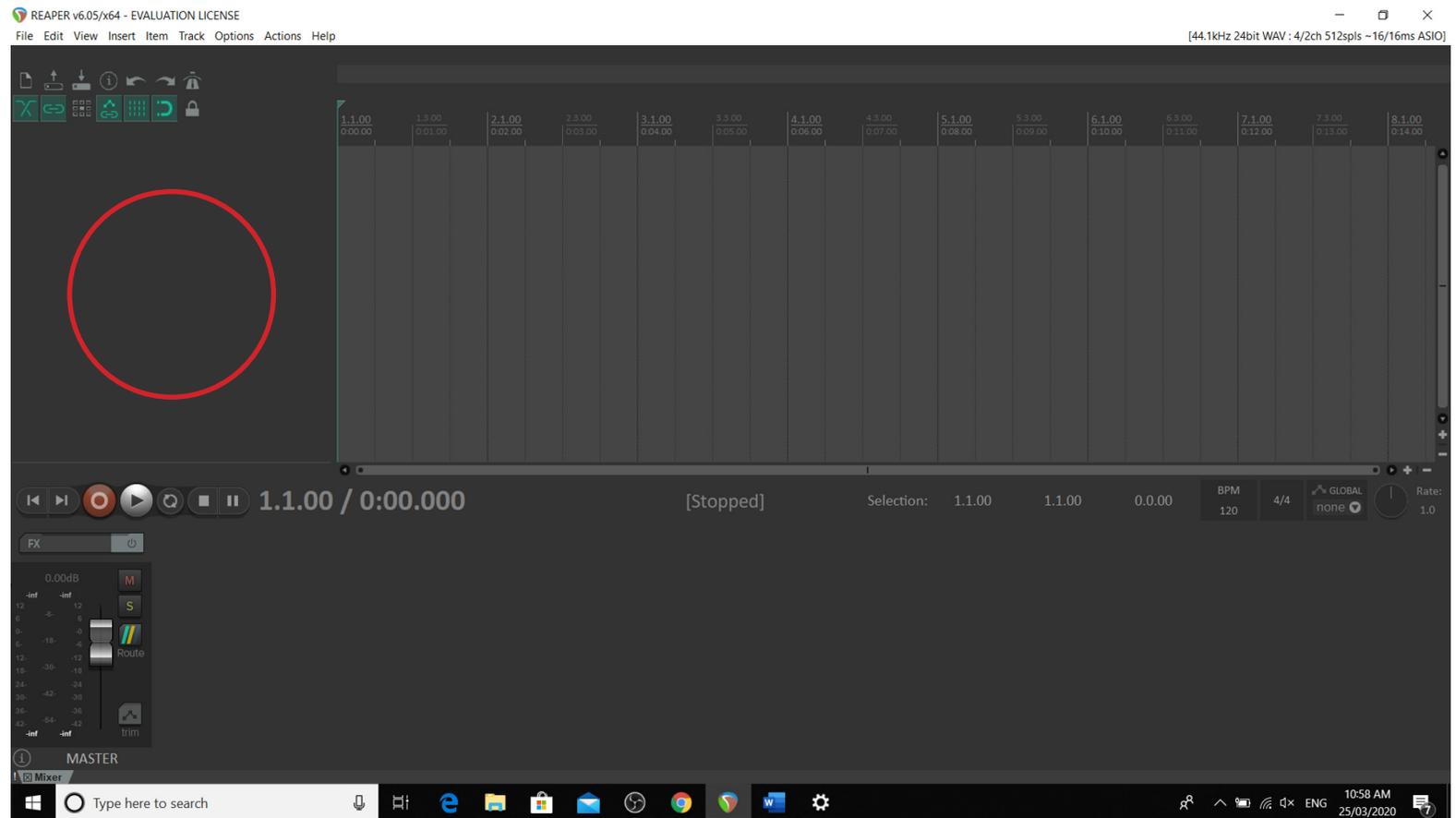
STEP 15

Click 'OK' to close the dialog box.



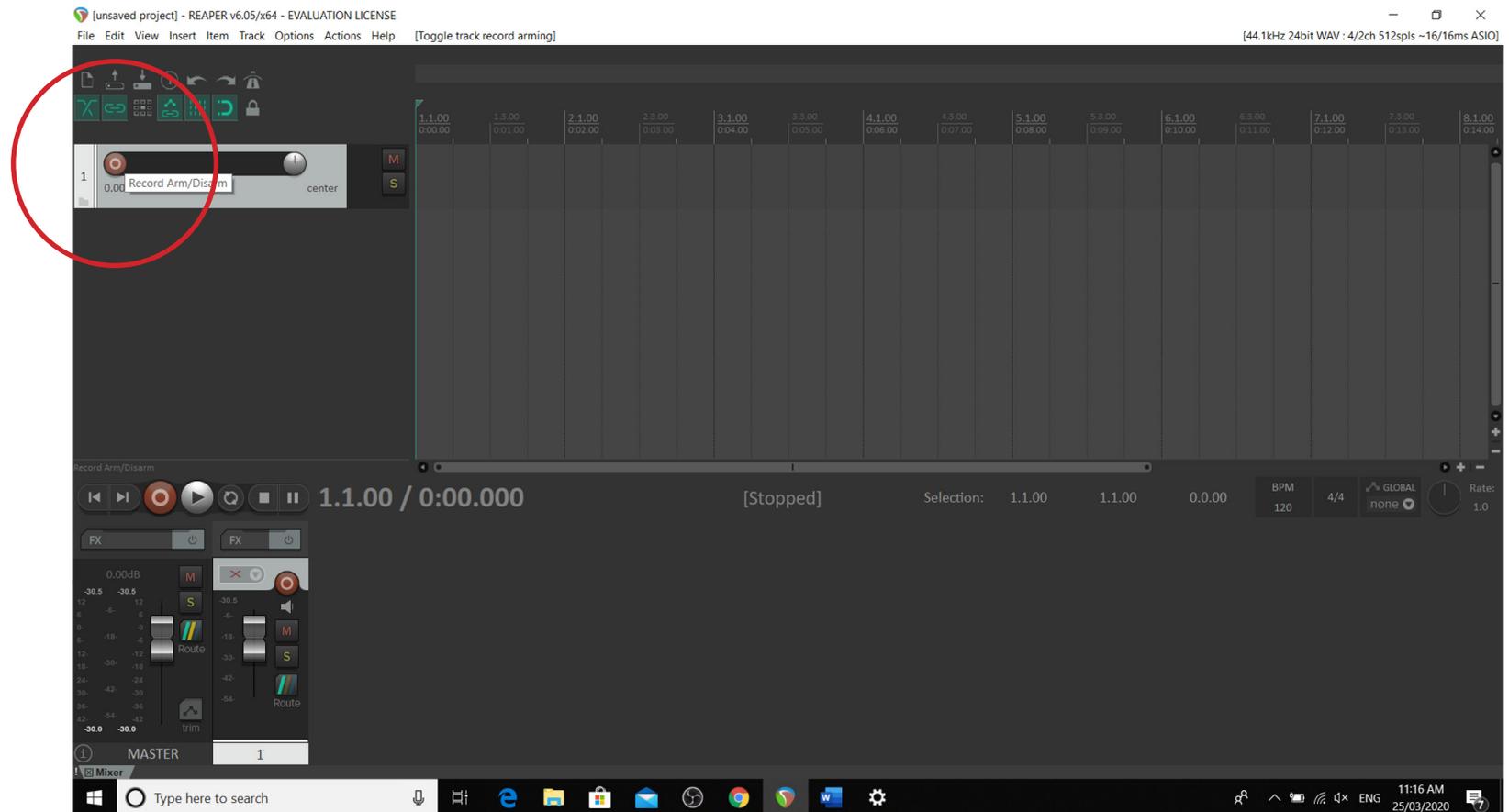
STEP 16

Double click in the (empty) track area to create a new track



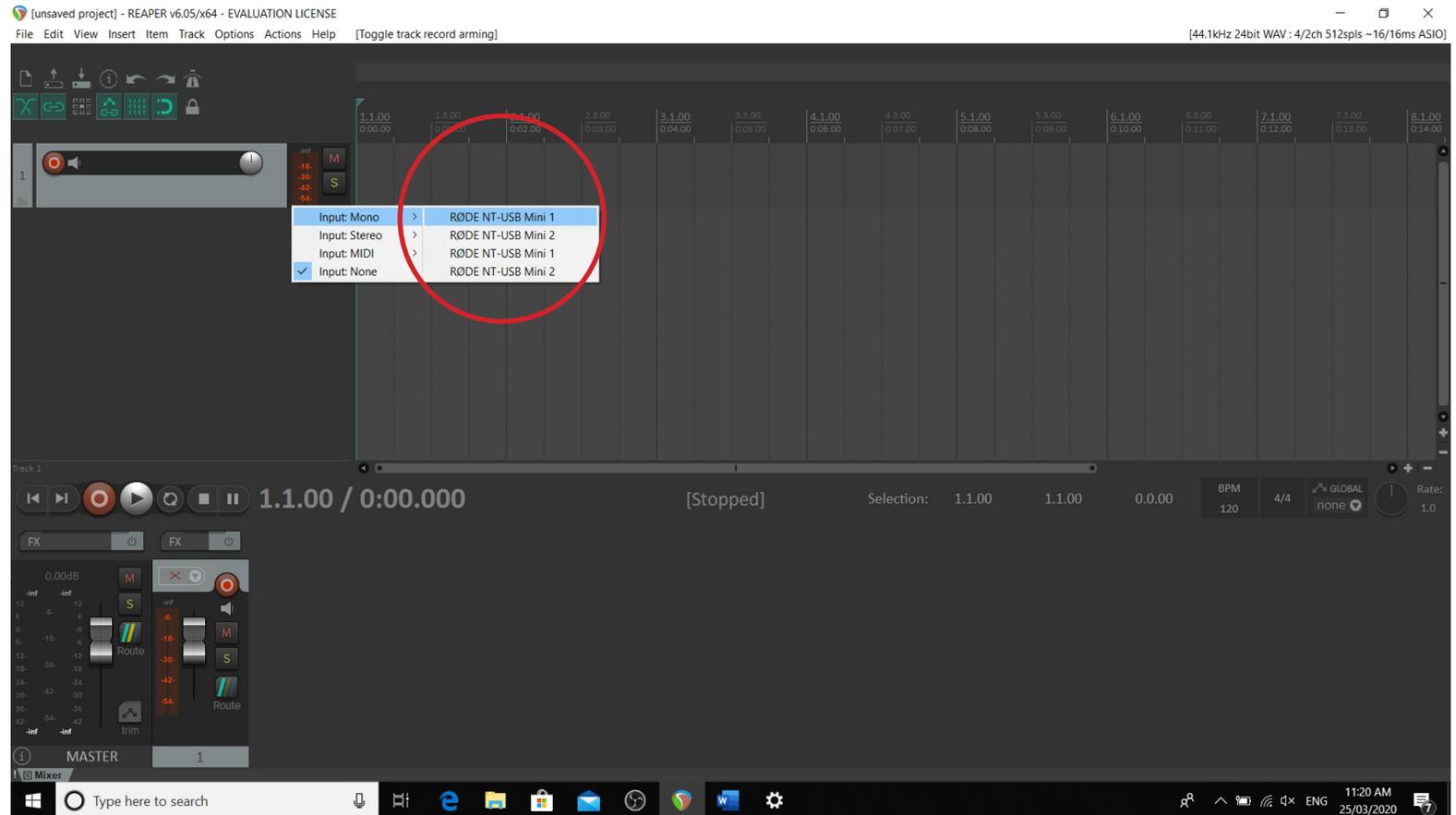
STEP 17

Go to the new track and hit Record Arm



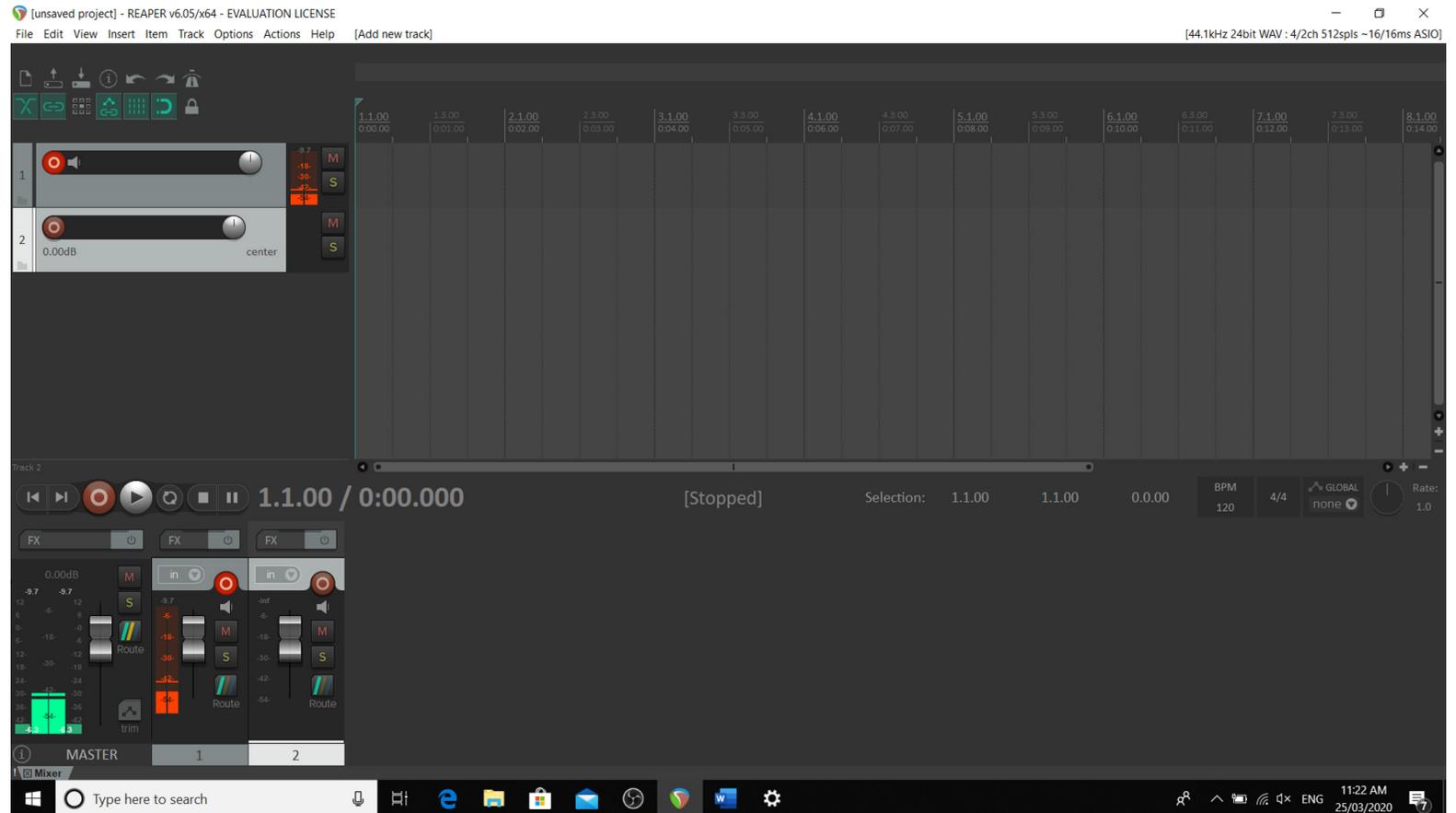
STEP 19

On the Input Source drop down, select 'Mono' and then select the first NT-USB Mini device. This is labelled as 'RØDE NT-USB Mini 1'



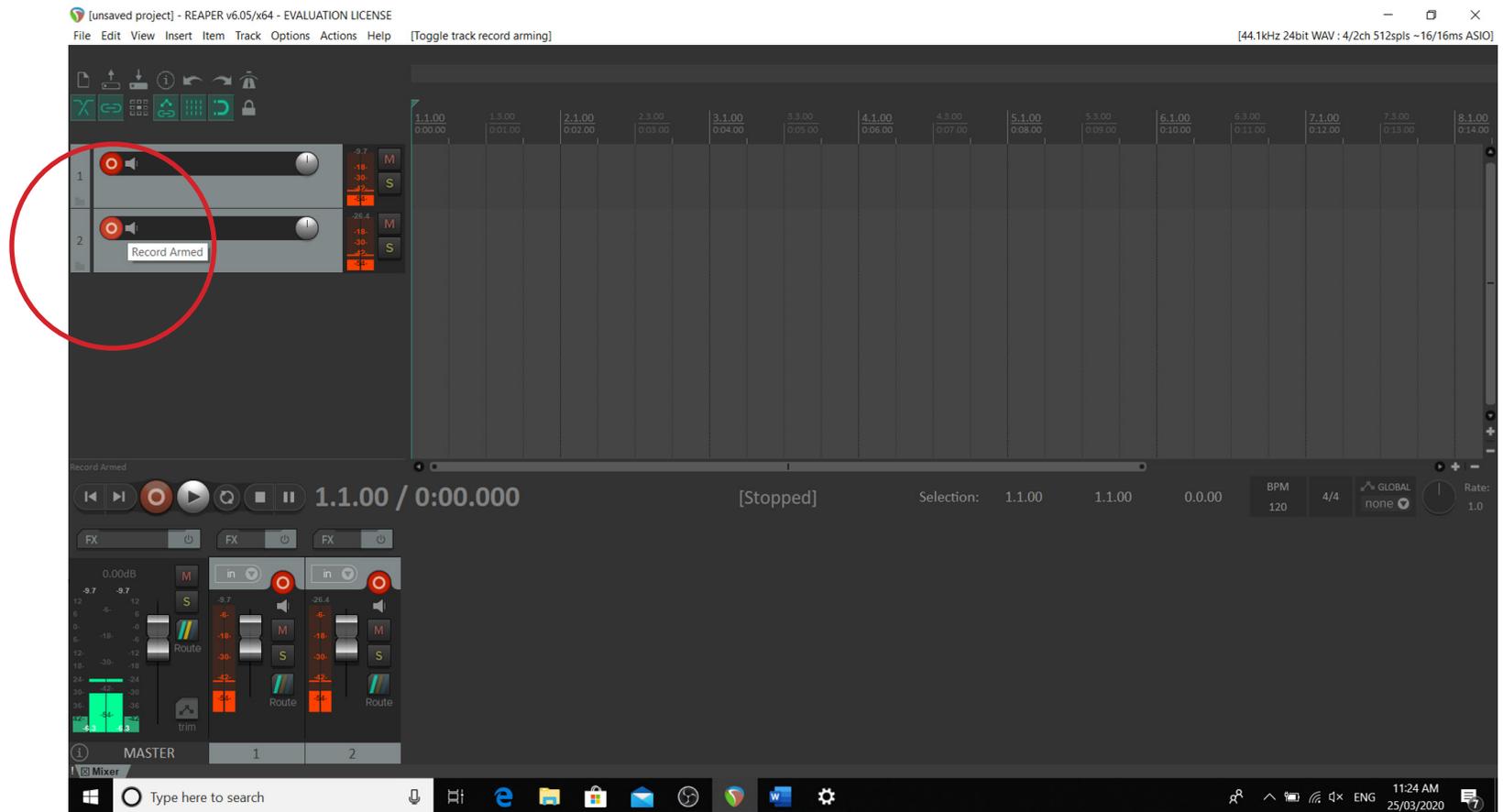
STEP 20

Double Click below the new track made previously to make an additional one.



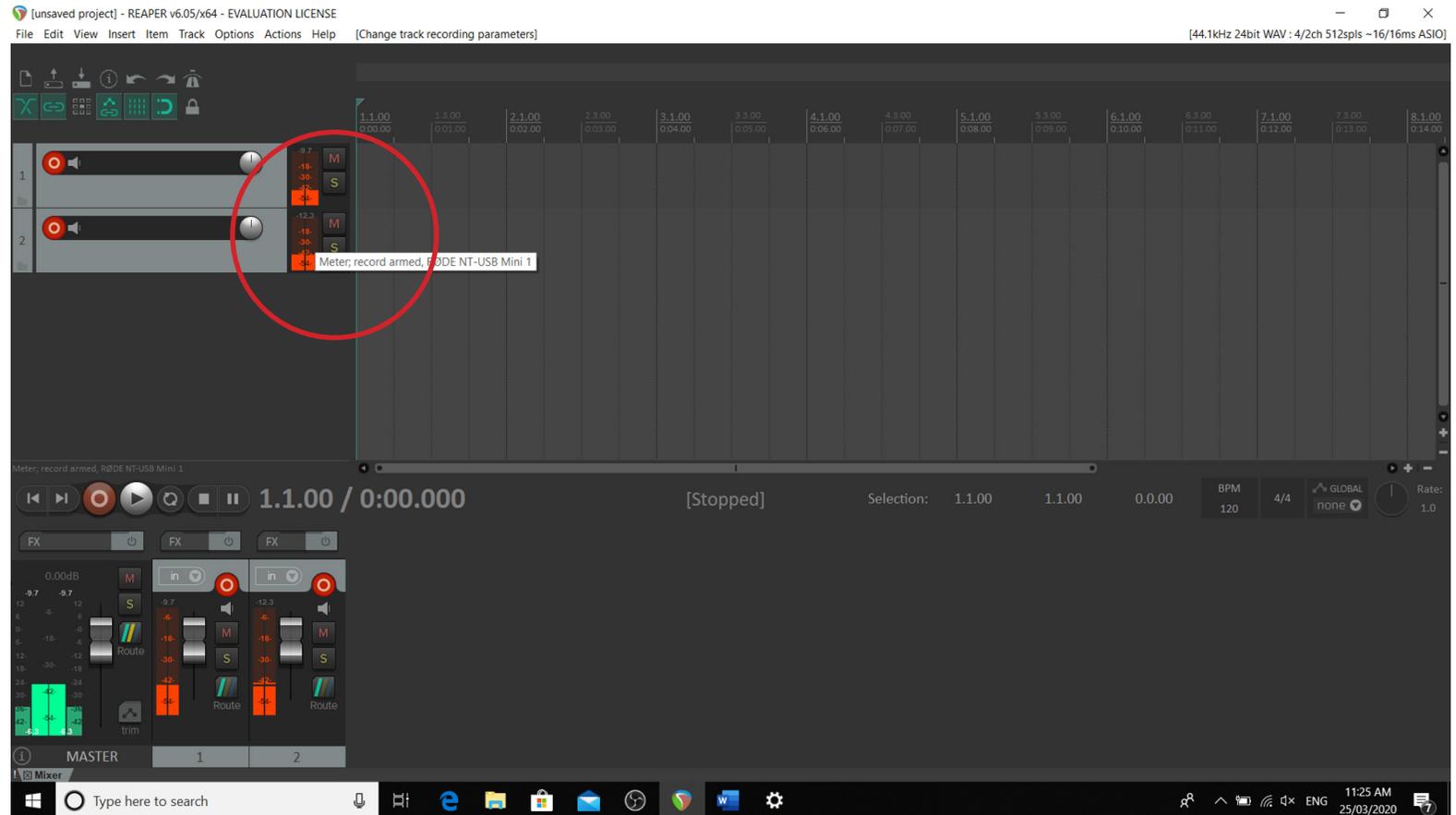
STEP 21

Record Arm this Track



STEP 22

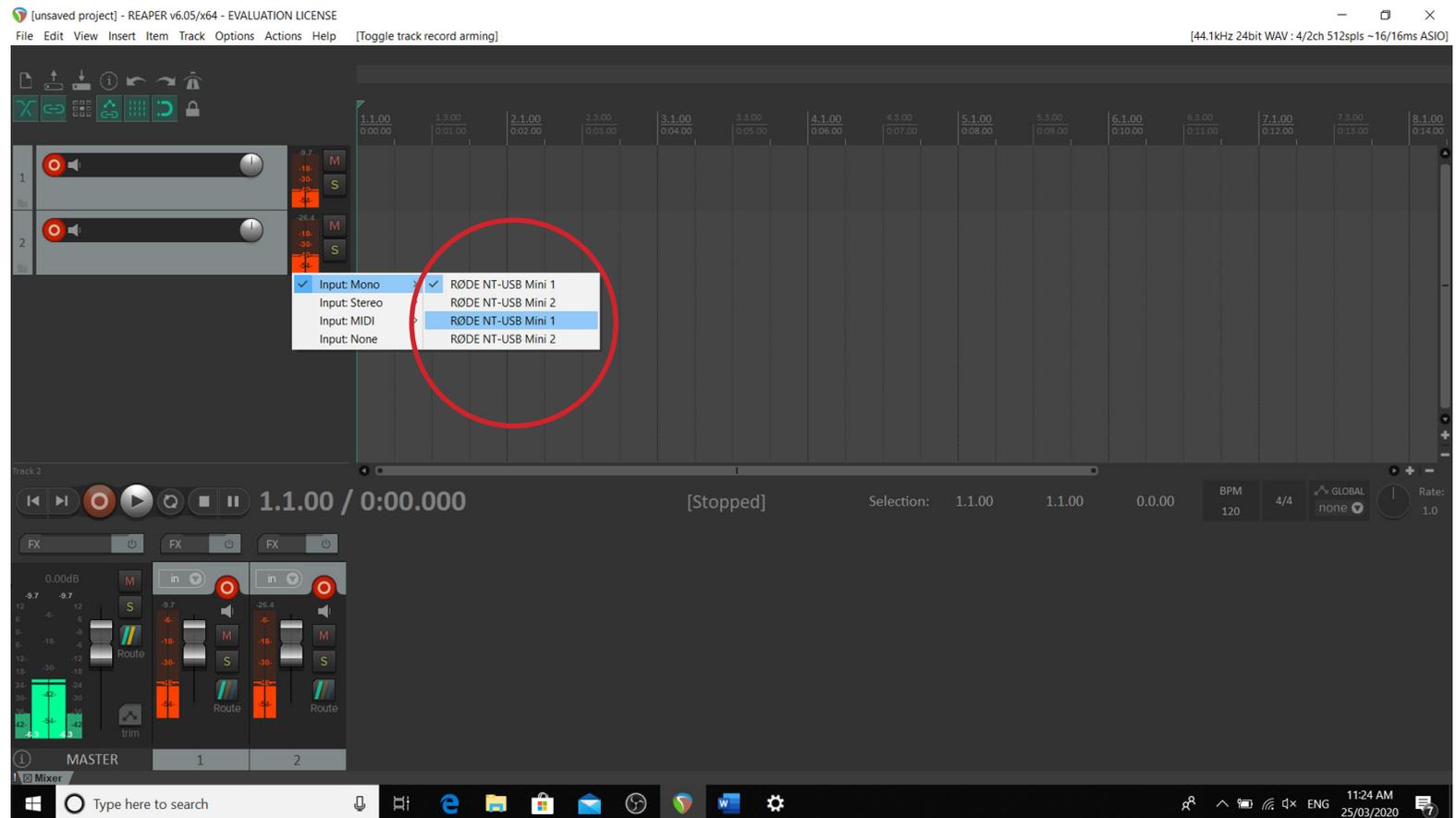
Click on the Meter to the left of the Mute (M) and Solo (S) buttons to select the Input for this track.



STEP 23

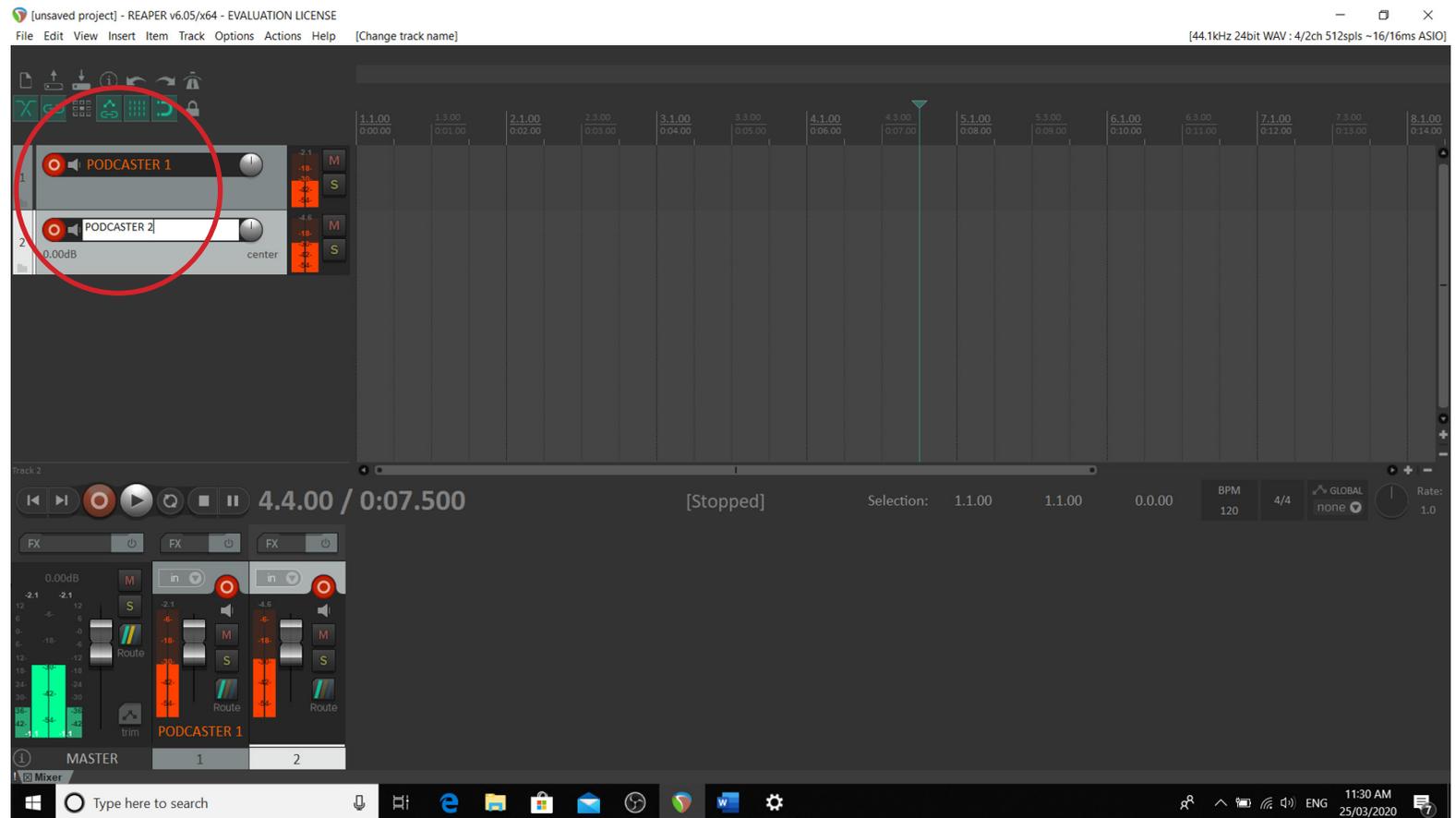
On the Input Source drop down, select 'Mono' and then select the second NT-USB Mini device. This is labelled as 'RØDE NT-USB Mini 1'

Note that each NT-USB Mini appears as two devices, labelled 1 and 2. So you need to select BOTH the devices labelled 'NT-USB Mini 1' using their position in the drop-down list to ensure you select a different one for each track.



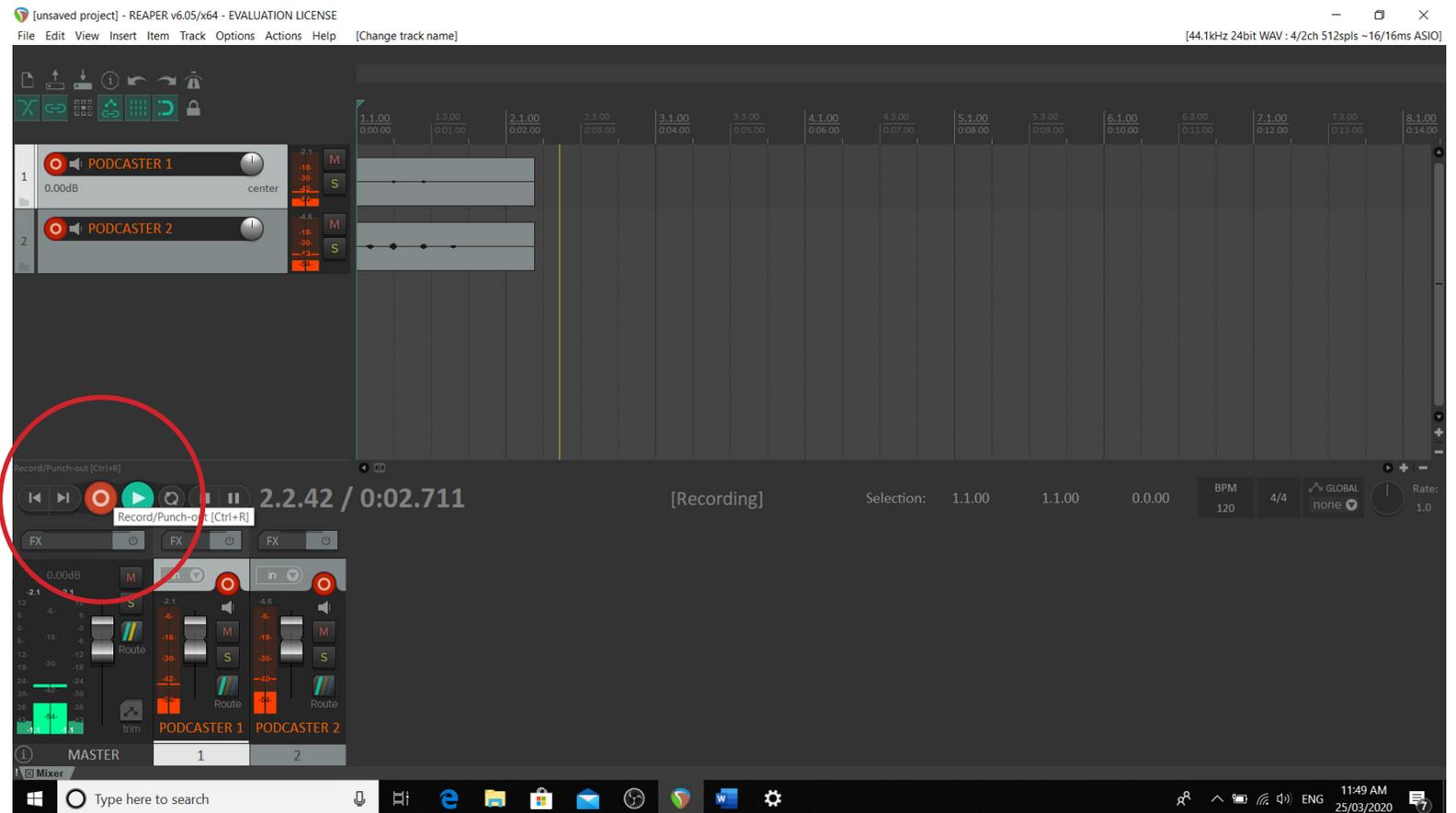
STEP 24

Now label your tracks by double-clicking the box to the right of the record arm button.



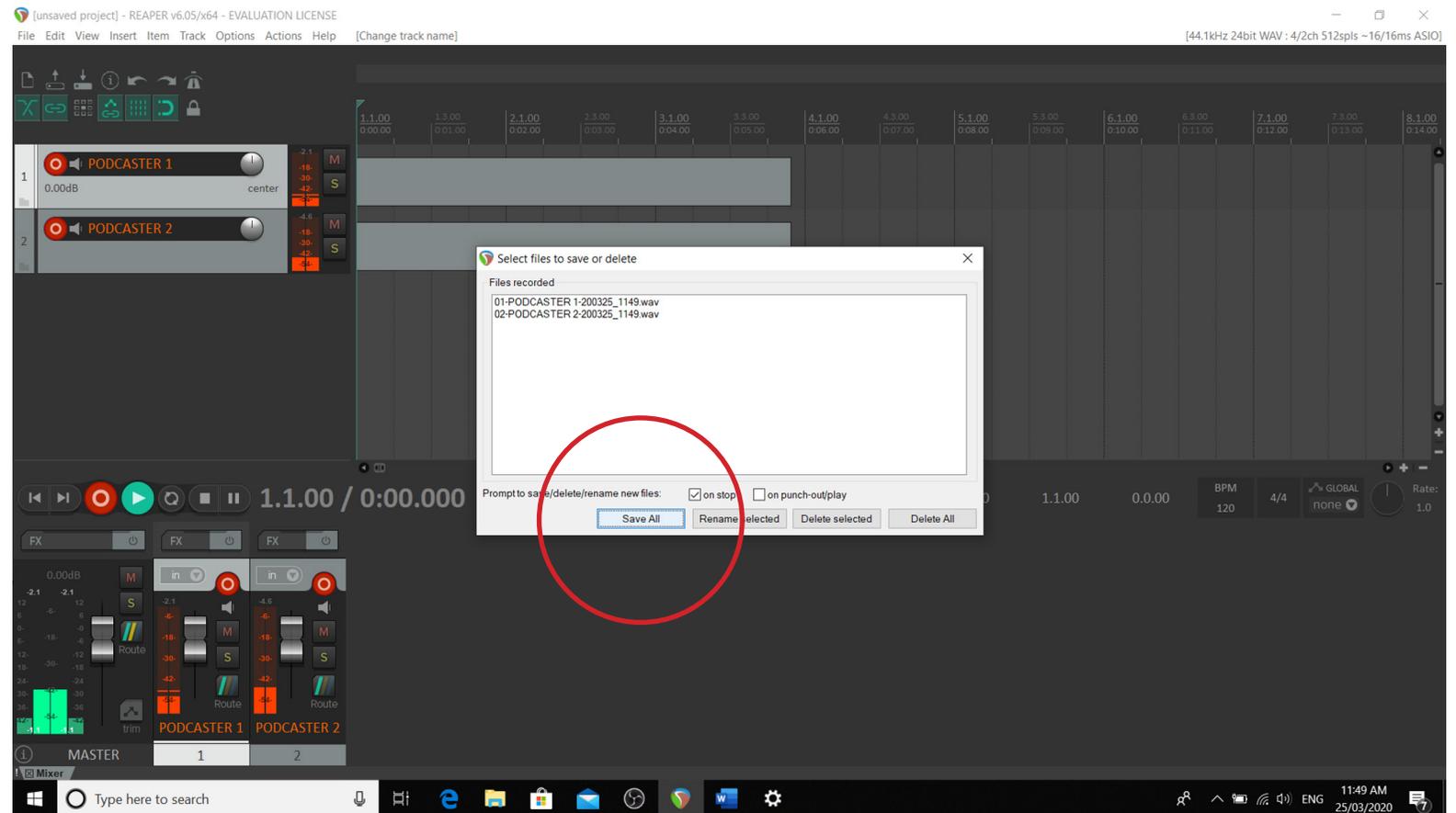
STEP 25

You are now ready to record!
Set the mics in front of you
and your guests; having them
about 10-15cm away in front
of your mouth is ideal. Click
on the red record button.
The recording will begin.



STEP 26

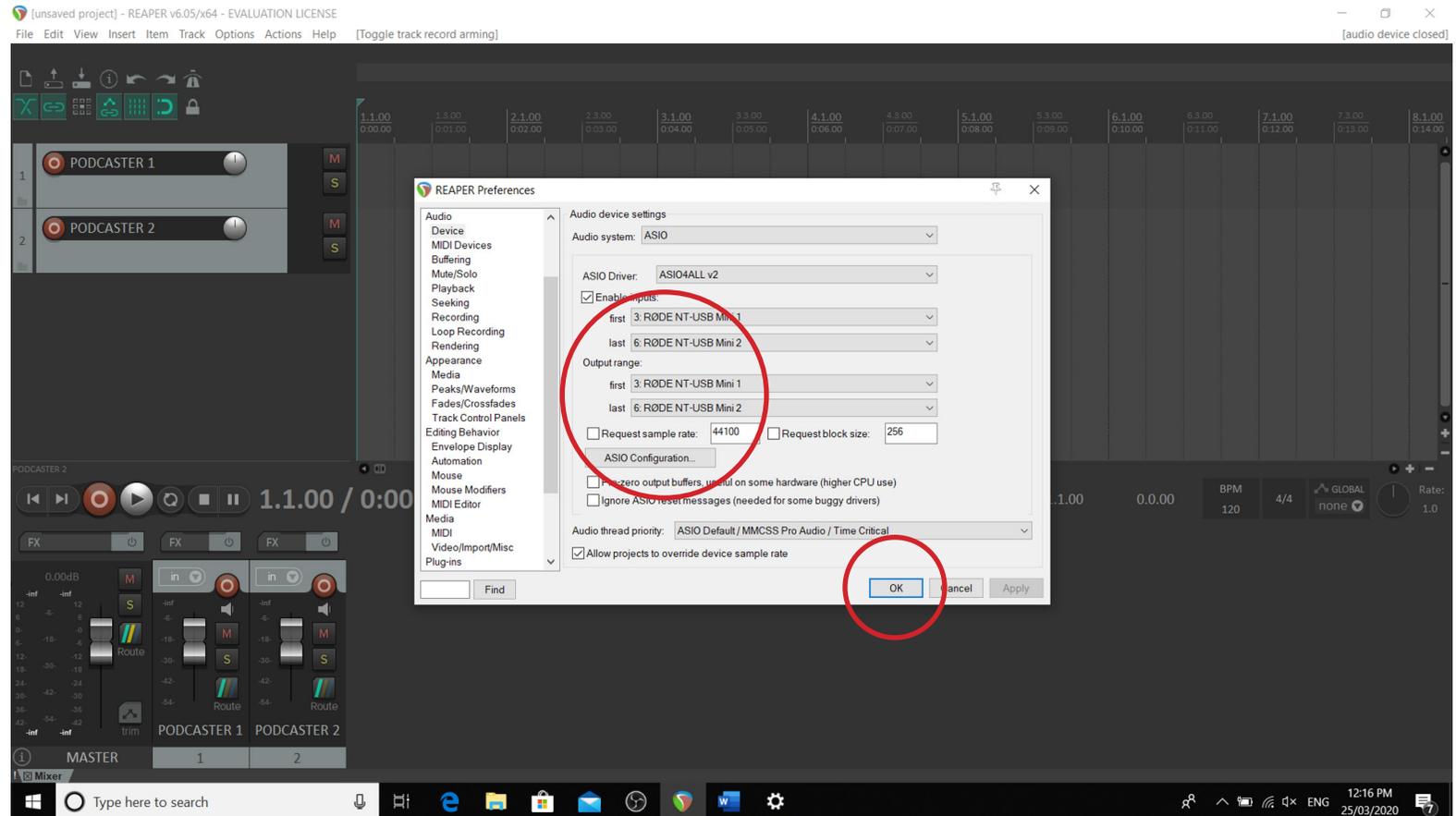
To finish your recording, hit the space bar or click Stop, and then 'Save All'. You can now either record another segment or edit your recordings as required.



STEP 27

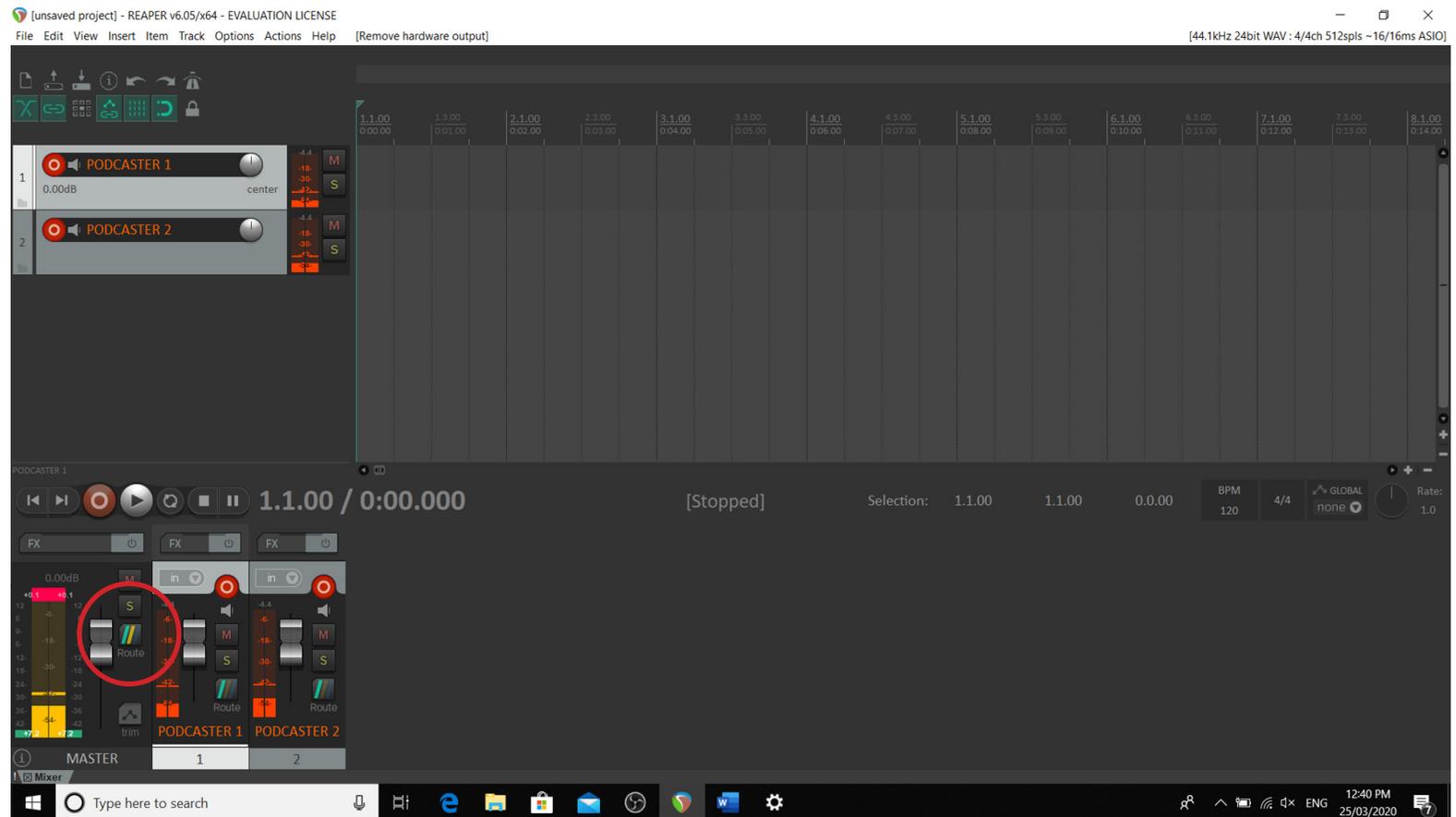
HEADPHONE MONITORING

Hit Ctrl+P to open Preferences. In the devices section, select the first RØDE NT-USB Mini device in the output range section in the first drop down, and the last one in the 'last' dropdown, similarly to how you setup the inputs previously. Click 'OK' to close the dialog.



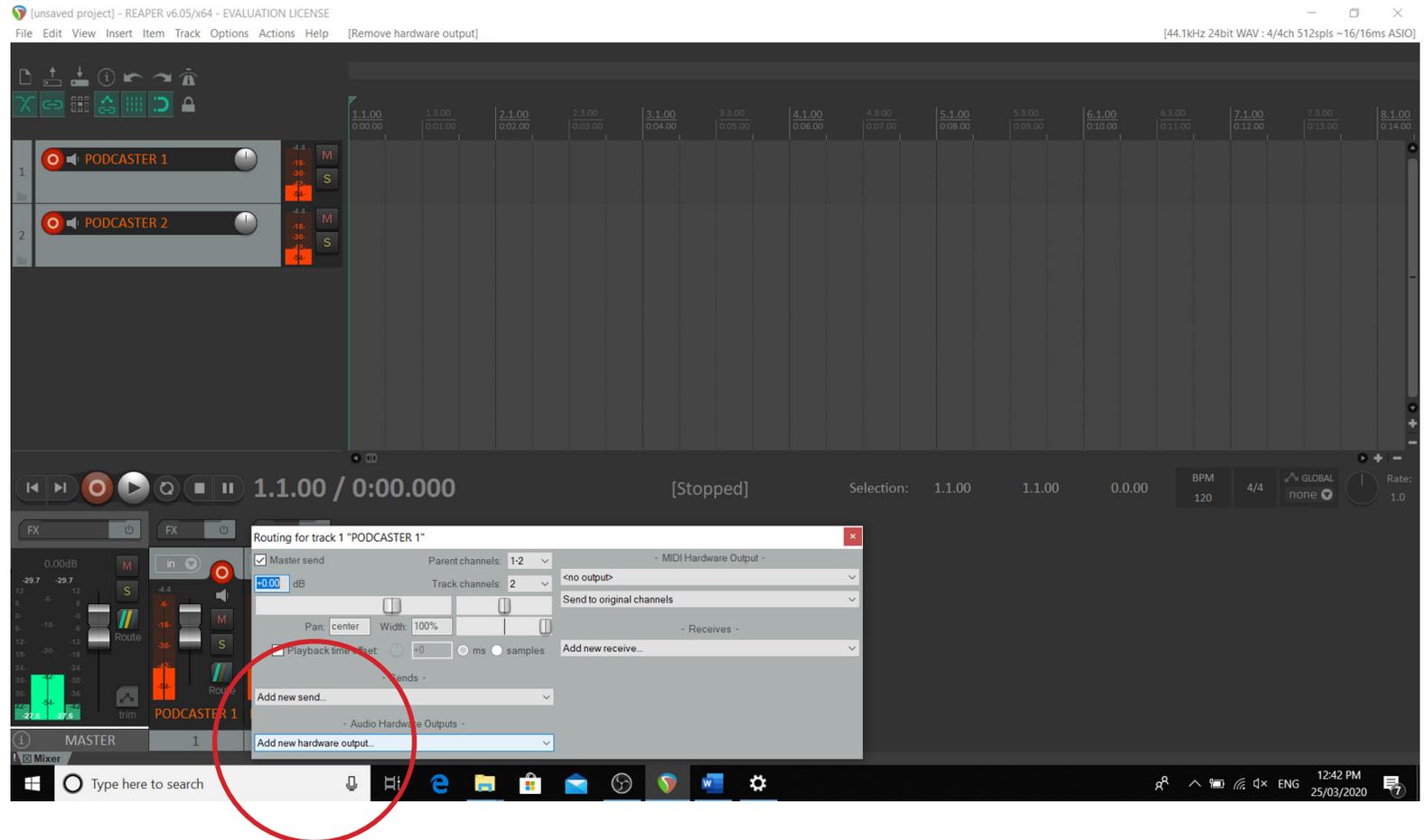
STEP 28

Click on the 'routing' icon in the master output in the mixer at the bottom of the screen.



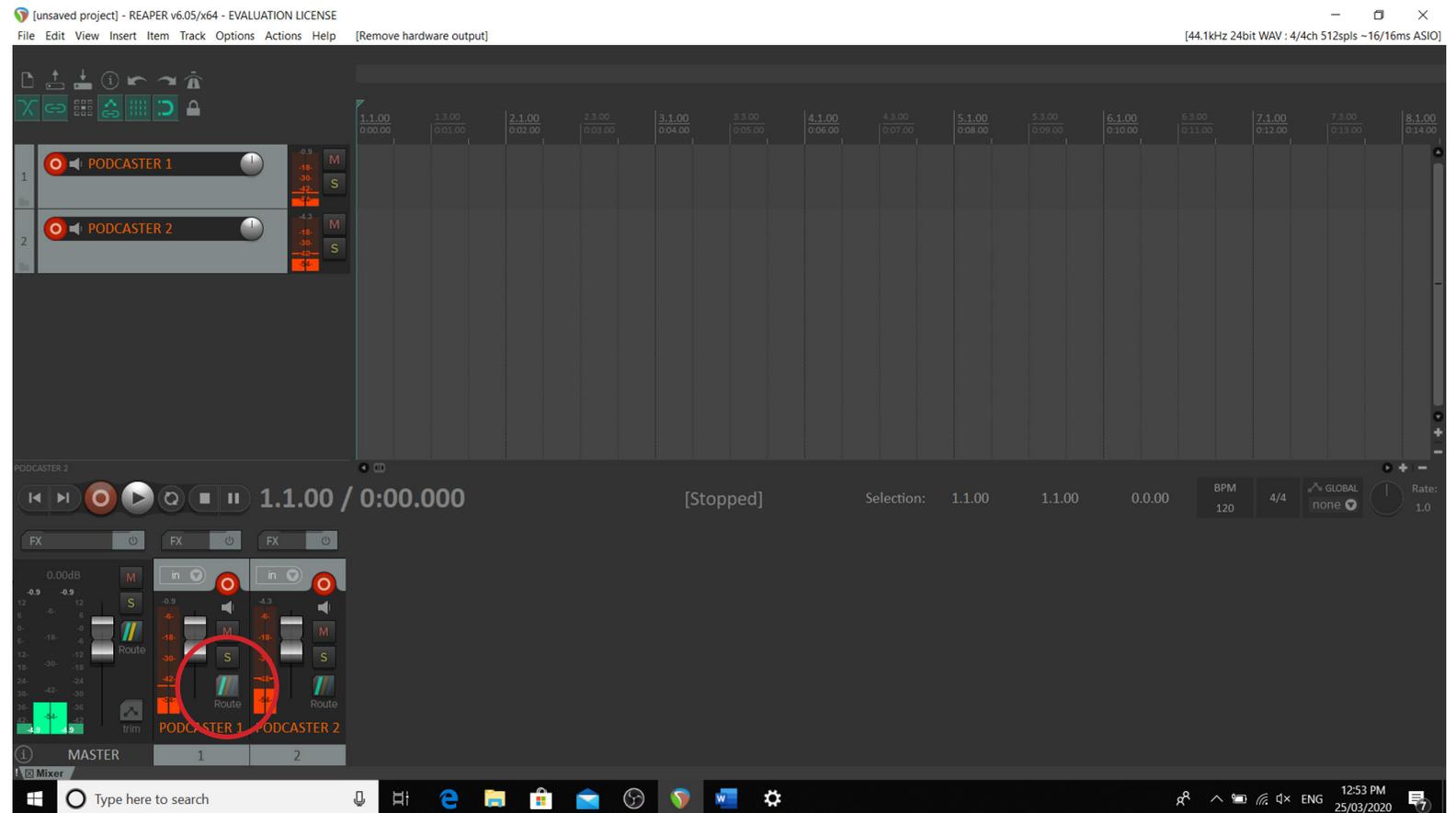
STEP 29

In the 'Audio Hardware Outputs' section of the dialog box, click the 'Add new hardware output...'
dropdown. If there are existing Hardware Outputs, you will need to delete them by pressing the Delete button



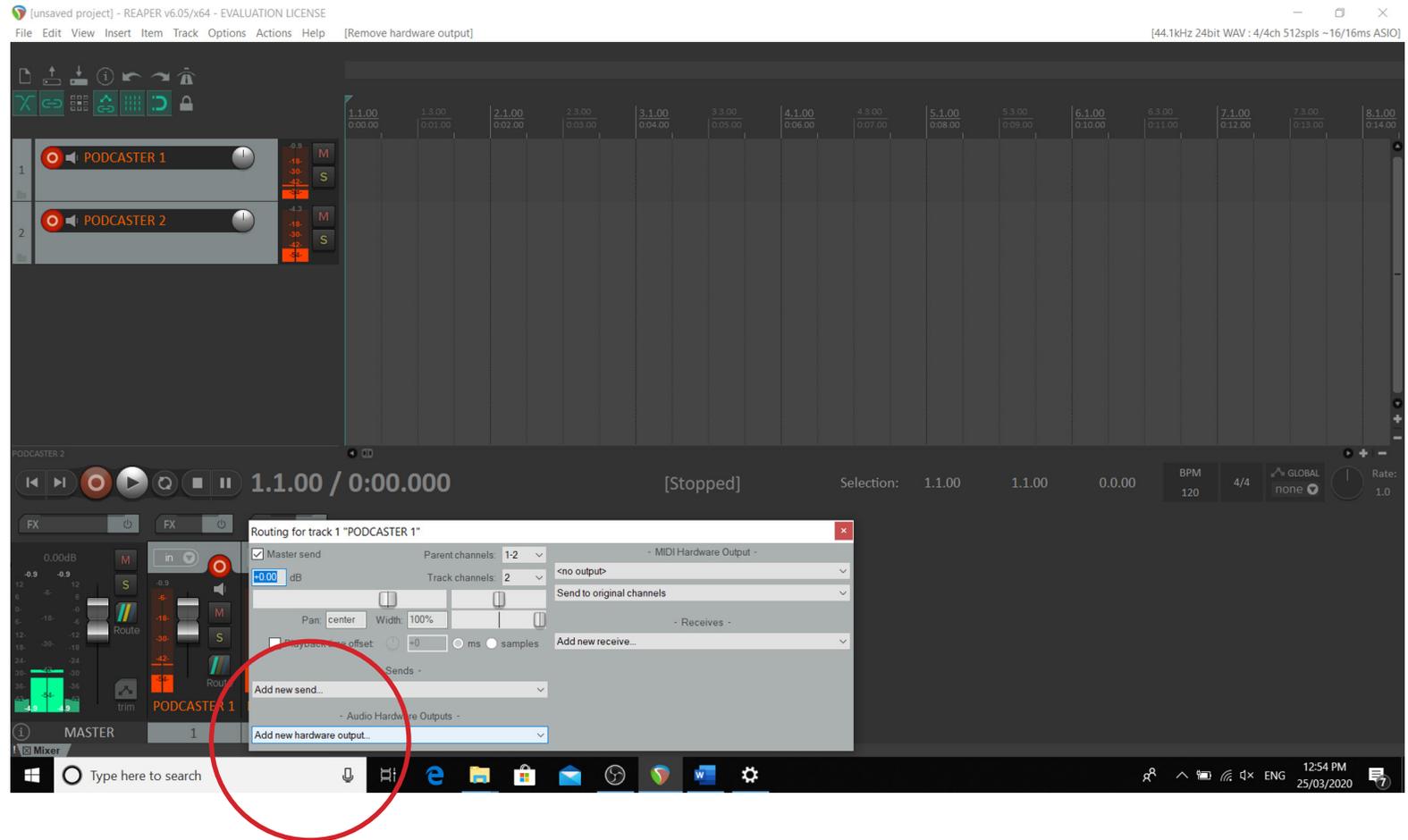
STEP 30

Click on the 'Routing' section of the first microphone track in the mixer, to bring up the dialog box for that track.



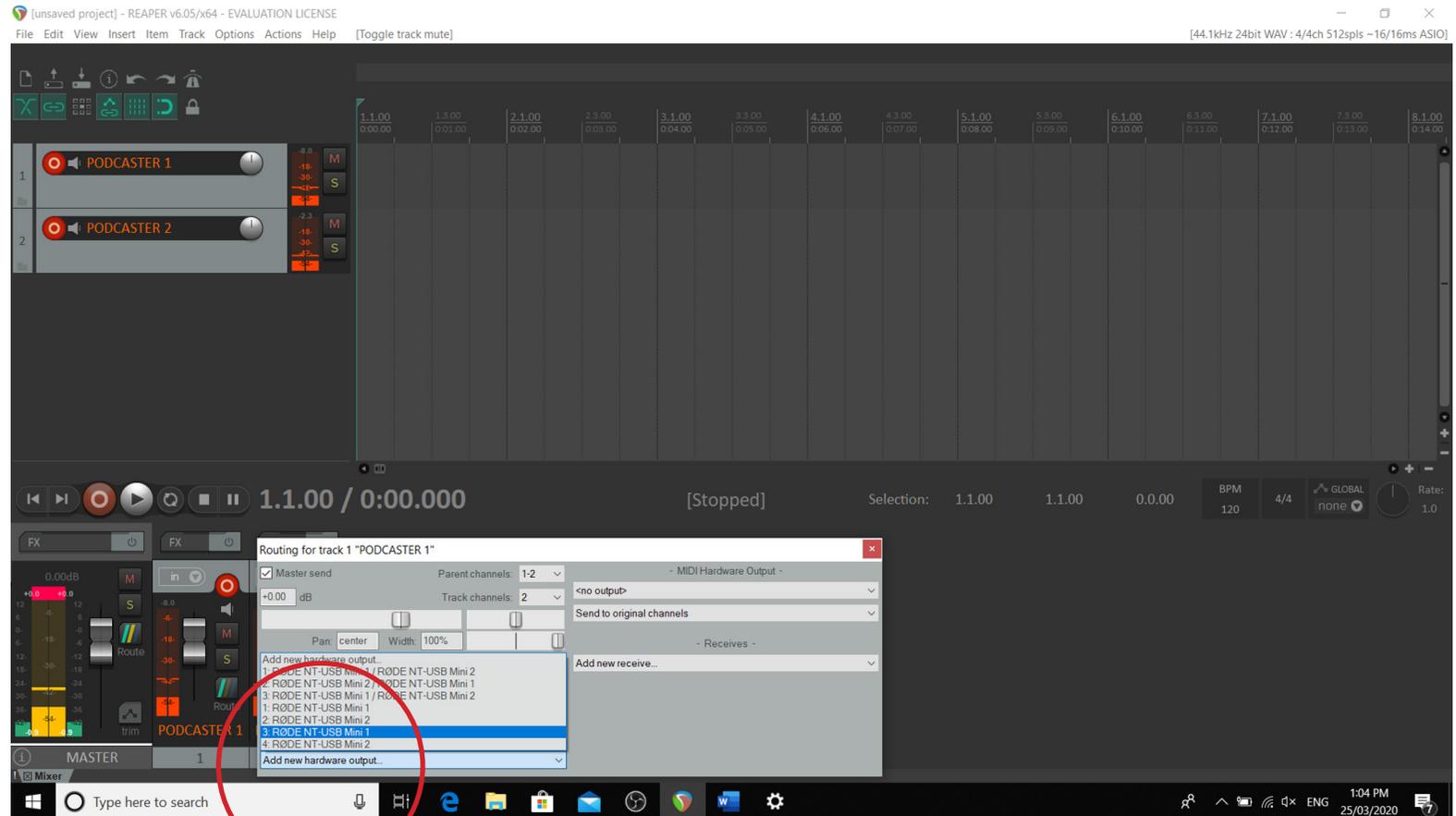
STEP 31

In the dialog box, click on the 'Add new hardware output' dropdown.



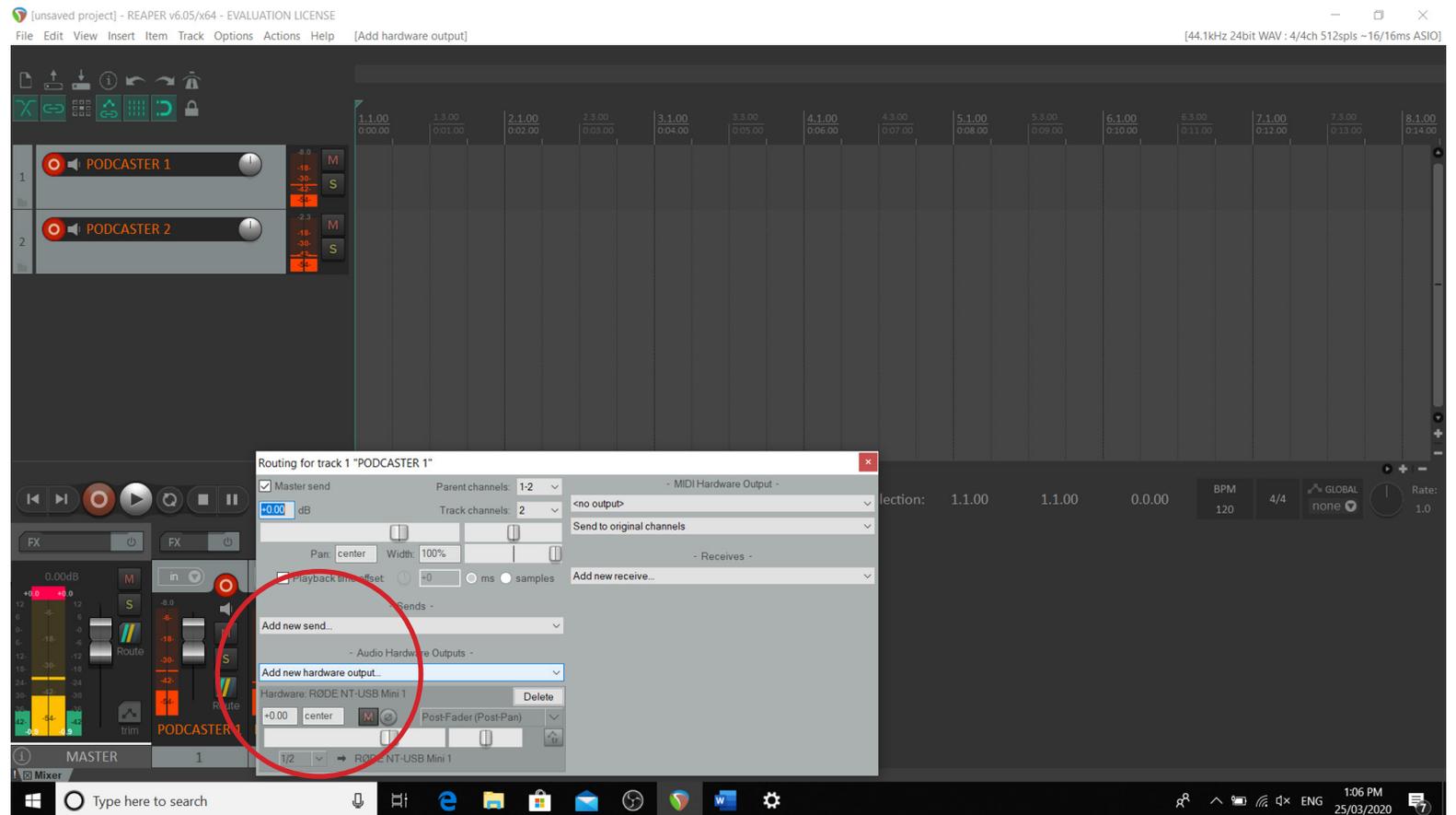
STEP 32

In the dropdown, select the second 'RØDE NT-USB Mini 1' device in the list. (Ignore any items which have two 'RØDE NT-USB Mini' devices as a single selection)



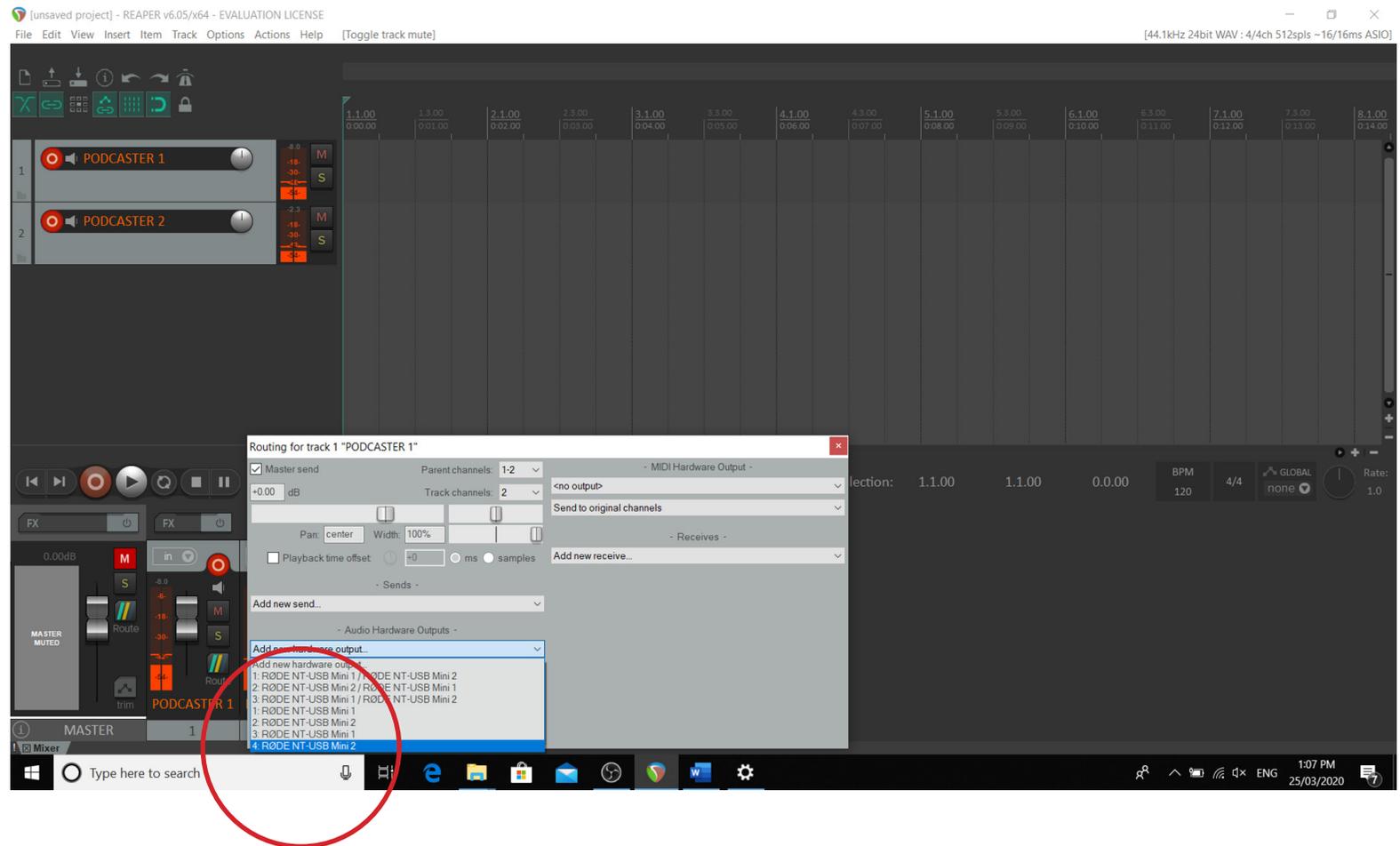
STEP 33

With this one now showing in the dialog box, click the dropdown under 'Add new hardware output' again.



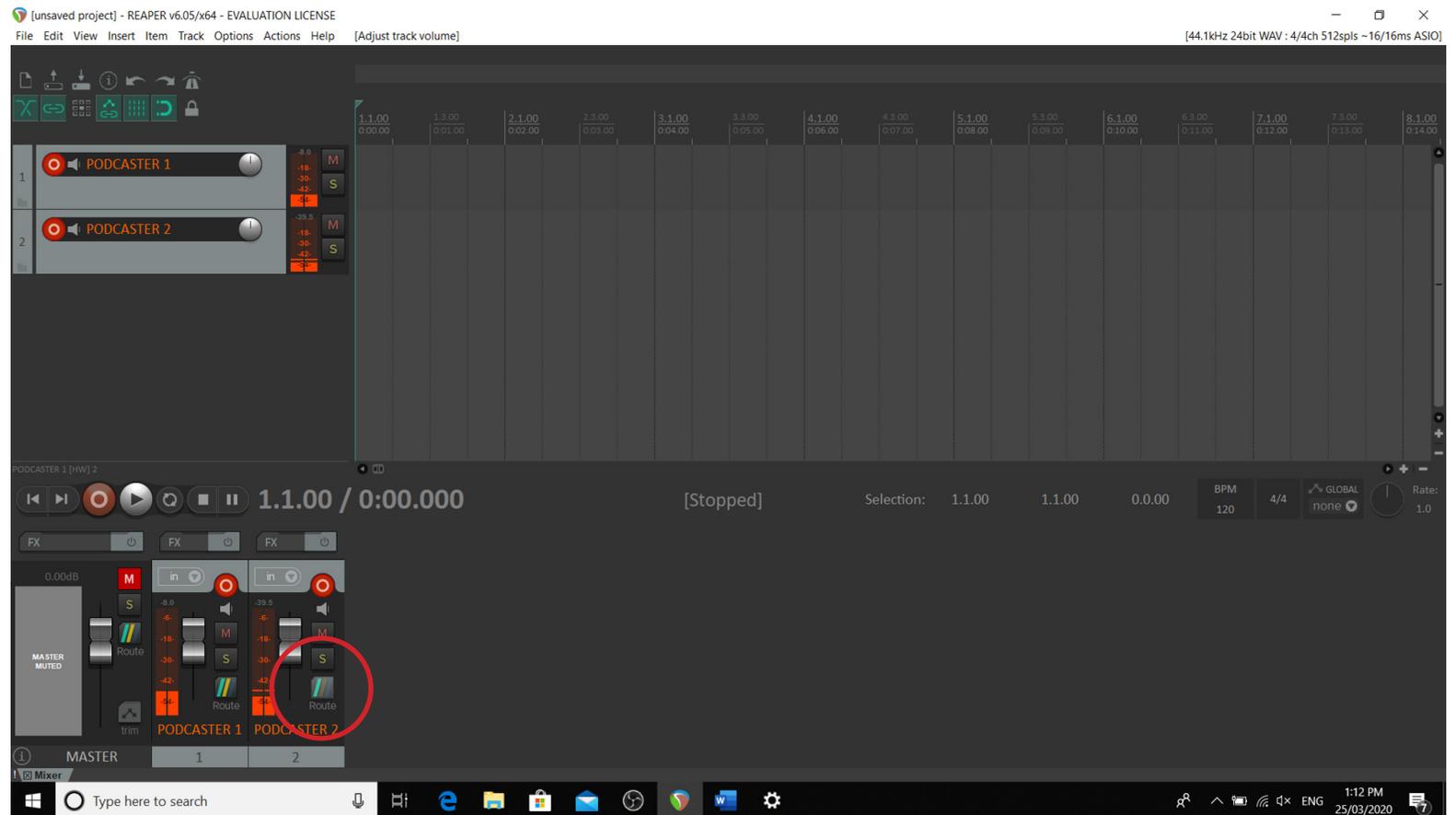
STEP 34

This time select the second RØDE NT-USB Mini 2' device; this should be the last RØDE NT-USB device in the list.



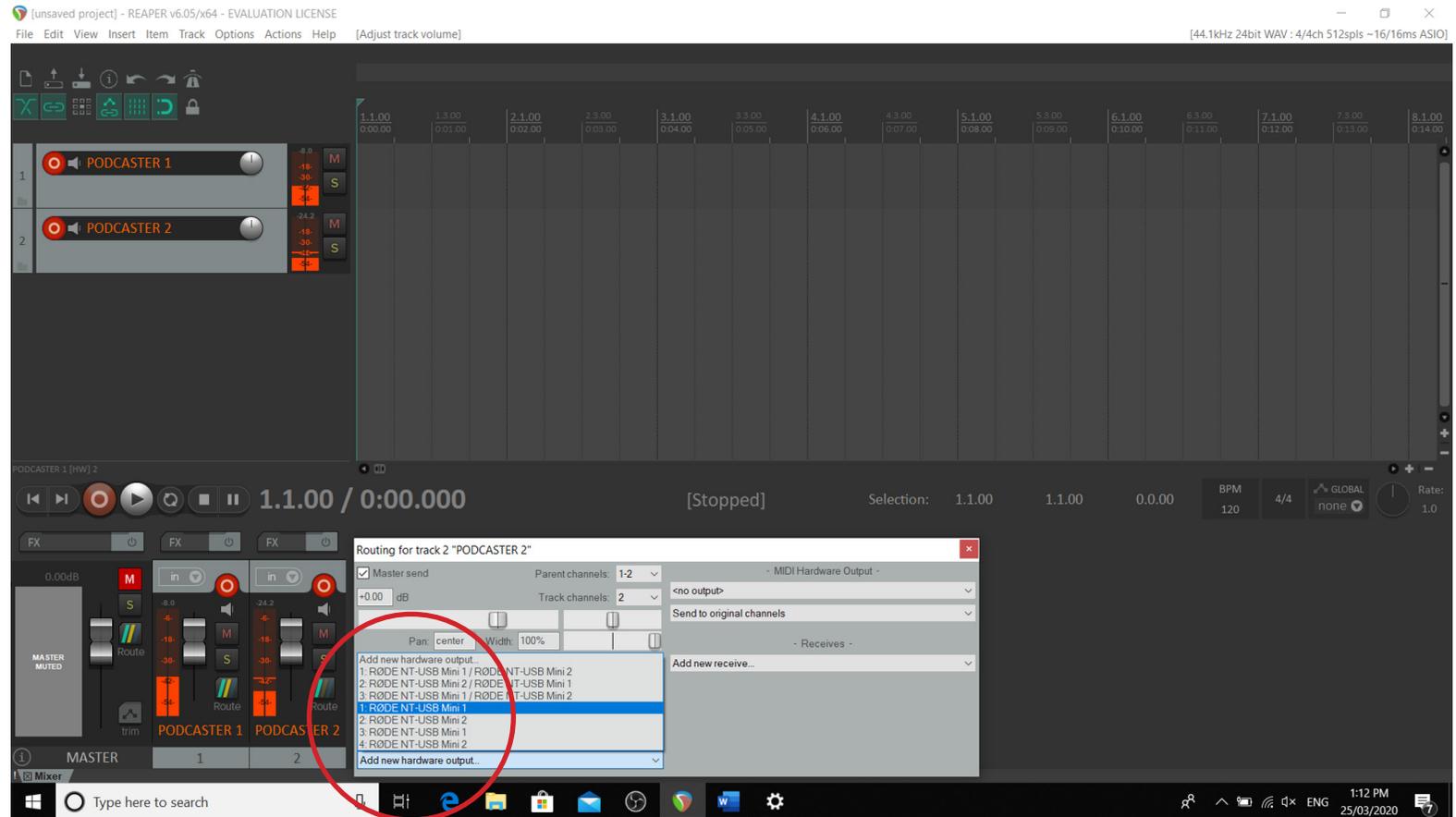
STEP 35

Now click on the 'Routing' icon on the second track of the mixer.



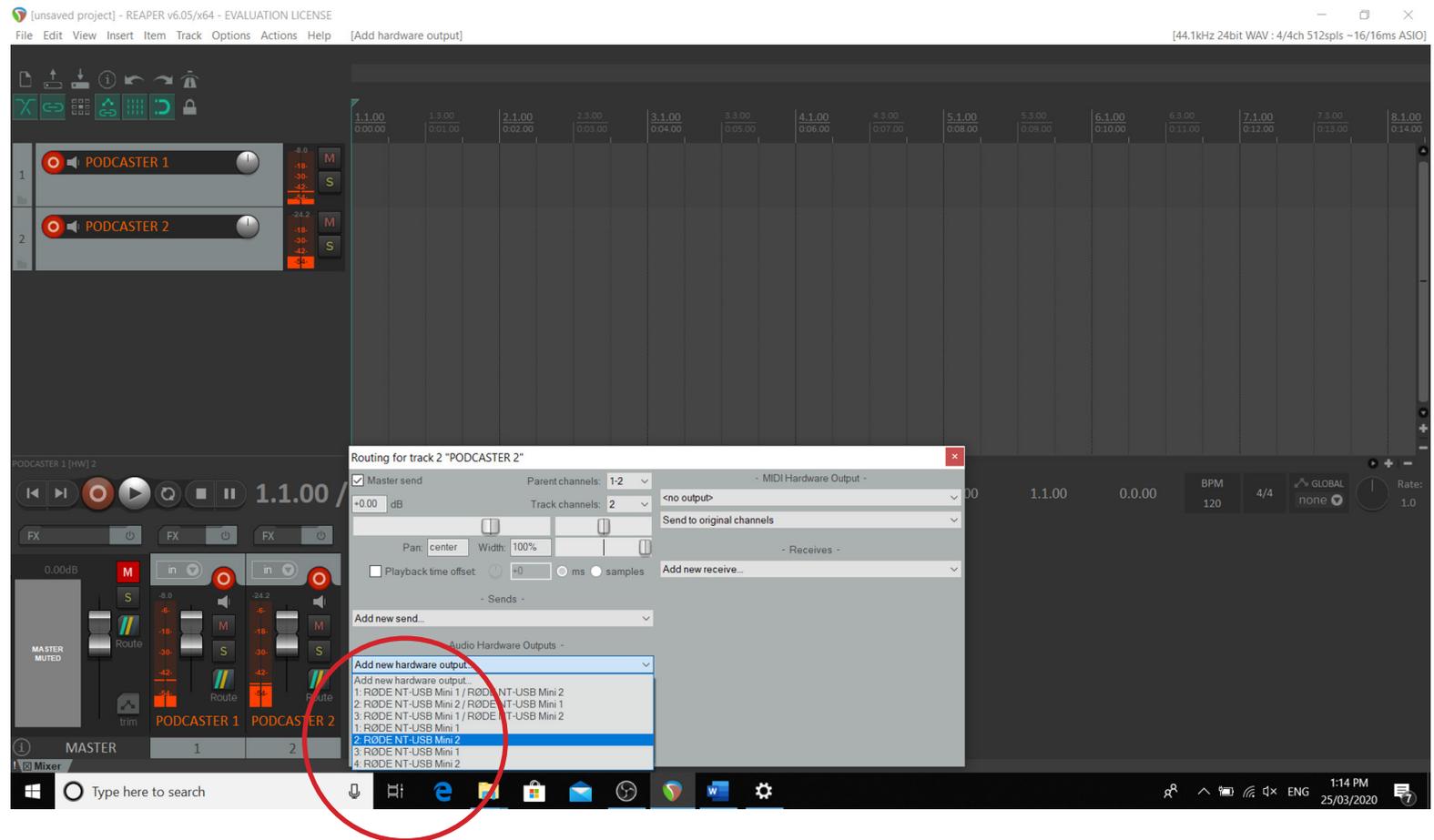
STEP 36

In the dropdown under 'Add new hardware input', select the first 'RØDE NT-USB Mini 1' device in the list. (Ignore any items which have two 'RØDE NT-USB Mini' devices listed as a single selection).



STEP 37

With this selection added, click on the dropdown 'Add new hardware outputs...' again. Select the first 'RØDE NT-USB Mini 2' device in the list; this is the one immediately underneath the previous selection.



STEP 38

Activate latency-free monitoring on both the NT-USB Mini microphones by clicking in the volume control. The left-hand LED will illuminate to indicate this feature is active.

If you connect headphones into each NT-USB Mini, you should be able to hear your own voice with no delay and hear the guest speaker in your headphones when they speak into their microphone.

They should similarly hear themselves with no delay and be able to also hear you when you speak into your microphone.



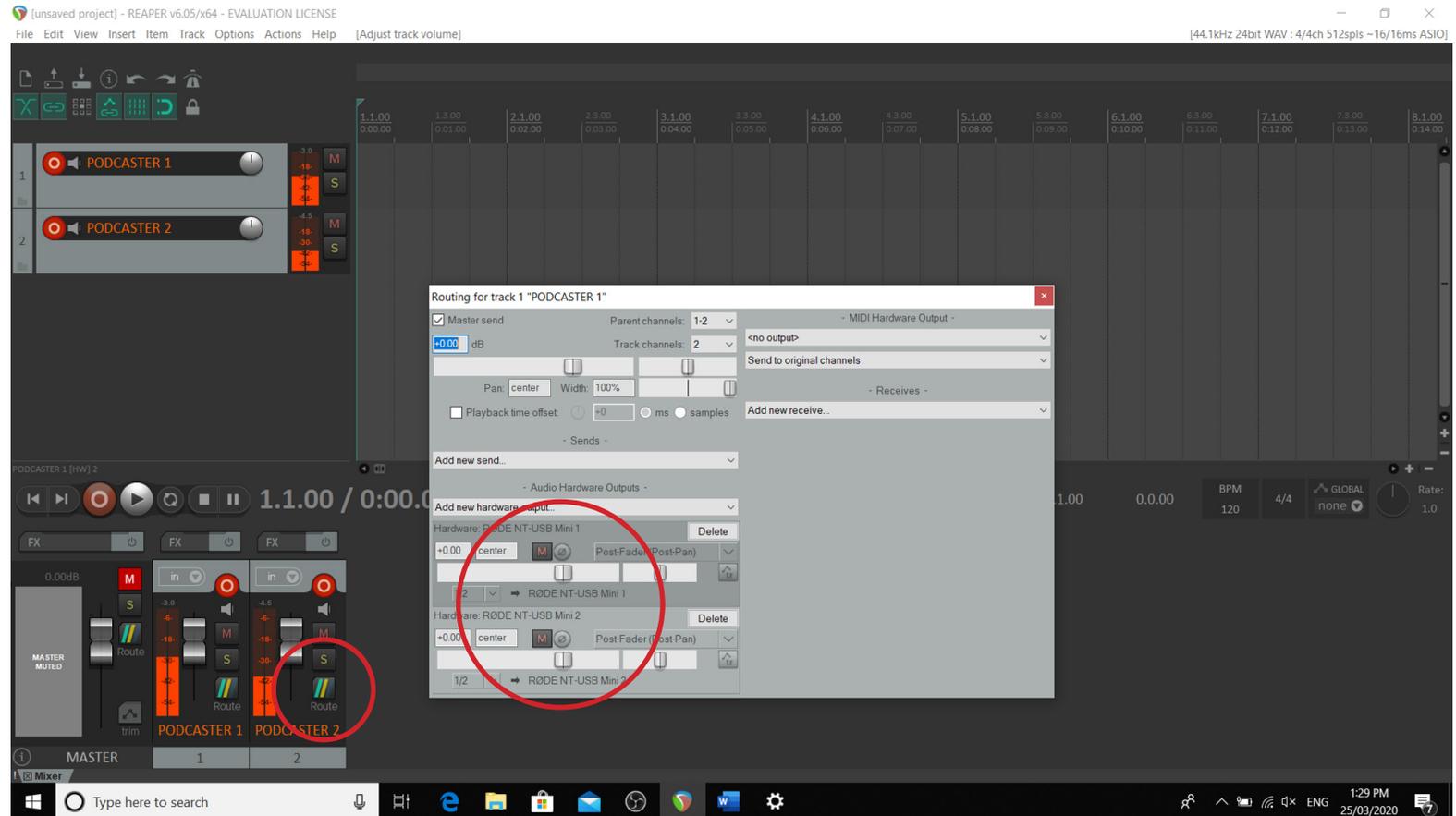
STEP 39

It could be that the volume of your own voice vs that of your guest is not balanced in your headphones. Typically, you can hear yourself louder than you can hear your guest.

To correct this, click on the 'routing' (1) icon for the second channel, to bring up the dialog box (assuming you are using the microphone on channel 1).

Adjust how loud your guest sounds in your headphones using both the large sliders (2). Note each slider operates the volume for one ear of your headphones.

(Our tests indicate that putting both sliders to maximum balances the volume of the two mics, although this may vary with different system setups).



STEP 40

You should now be able to record your podcast in comfort!

