

NT1 5TH GENERATION

STUDIO CONDENSER MICROPHONE

32-BIT FLOAT GUIDE | CUBASE 12 | MAC

STEP 1

Connect your NT1 5th Generation to your computer via the included USB-C to USB-C cable. If your computer doesn't have a USB-C port, you'll need to use a USB-A to USB-C cable such as the SC18 instead.

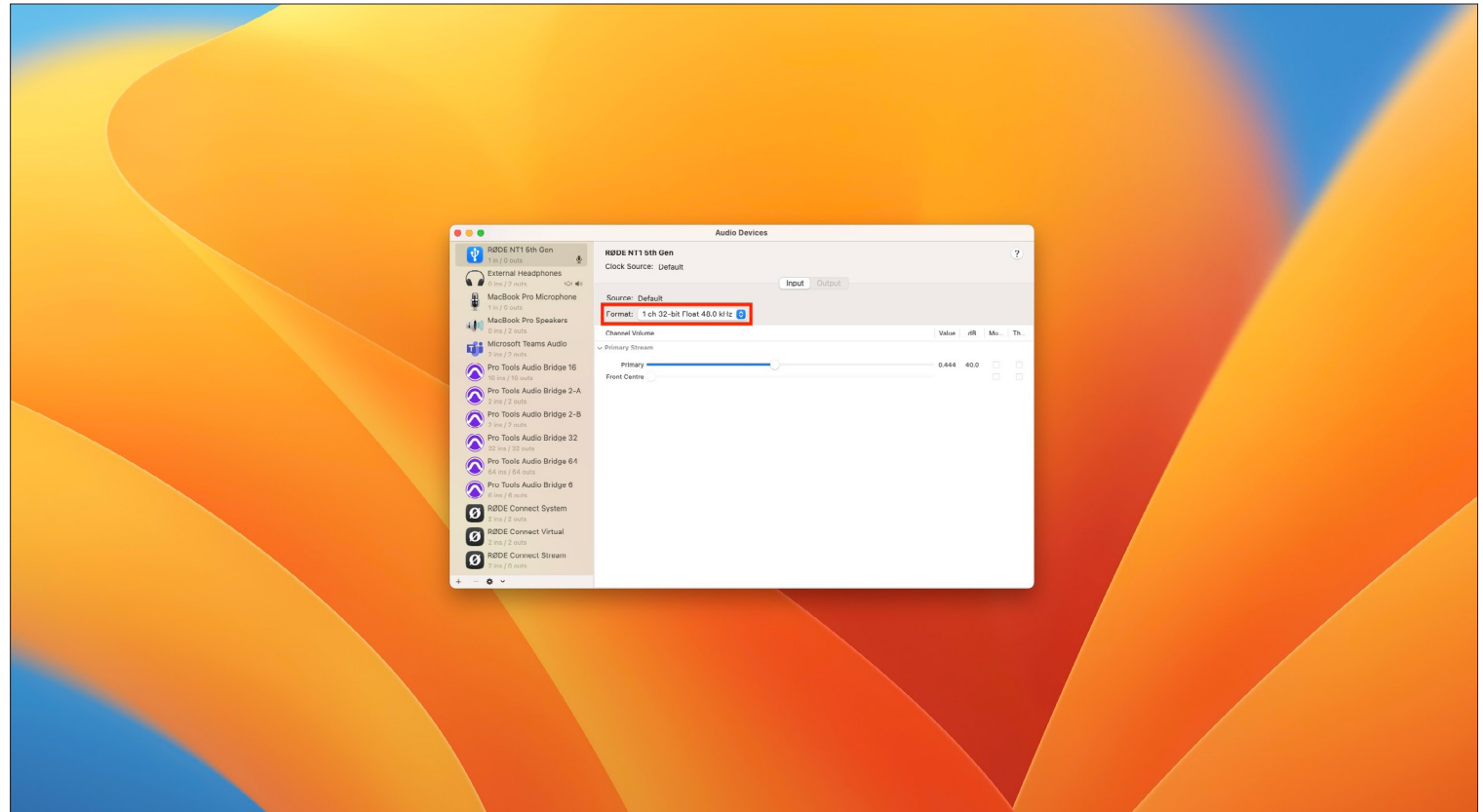


STEP 2

Navigate to 'Applications' > 'Utilities' > 'Audio MIDI Setup' and select 'RØDE NT1 5th Gen'. Here you can adjust the 'Primary' slider to adjust the microphone's input gain.

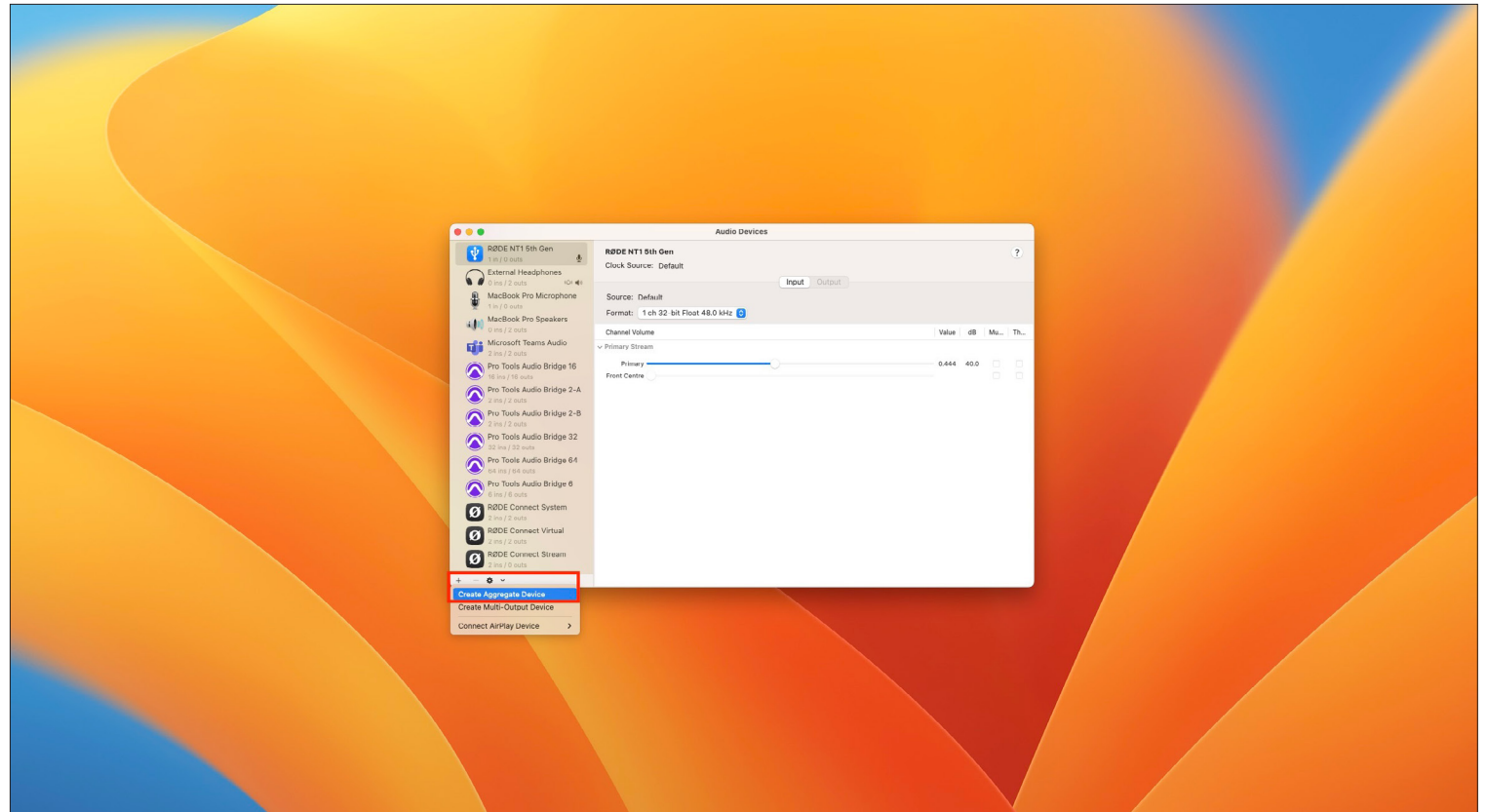
- a. Click the 'Format' dropdown in order to select the sample rate and bit-depth for your NT1 5th Gen input. We recommend selecting 48kHz / 32-bit float.

NOTE: You can select up to 192kHz/32-bit, but most computers (including Apple MacBooks and most Windows laptops) have integrated sound cards that can't play back sample rates higher than 96kHz (for modern MacBook Pro laptops) or 48kHz. This means that your audio will still be recorded at this incredibly high sample rate into your DAW, but you will not be able to monitor or play back this audio via headphones plugged into your device. We suggest recording at a standard 48Khz, unless your project specifically requires a higher sample rate.



STEP 2 CONTINUED

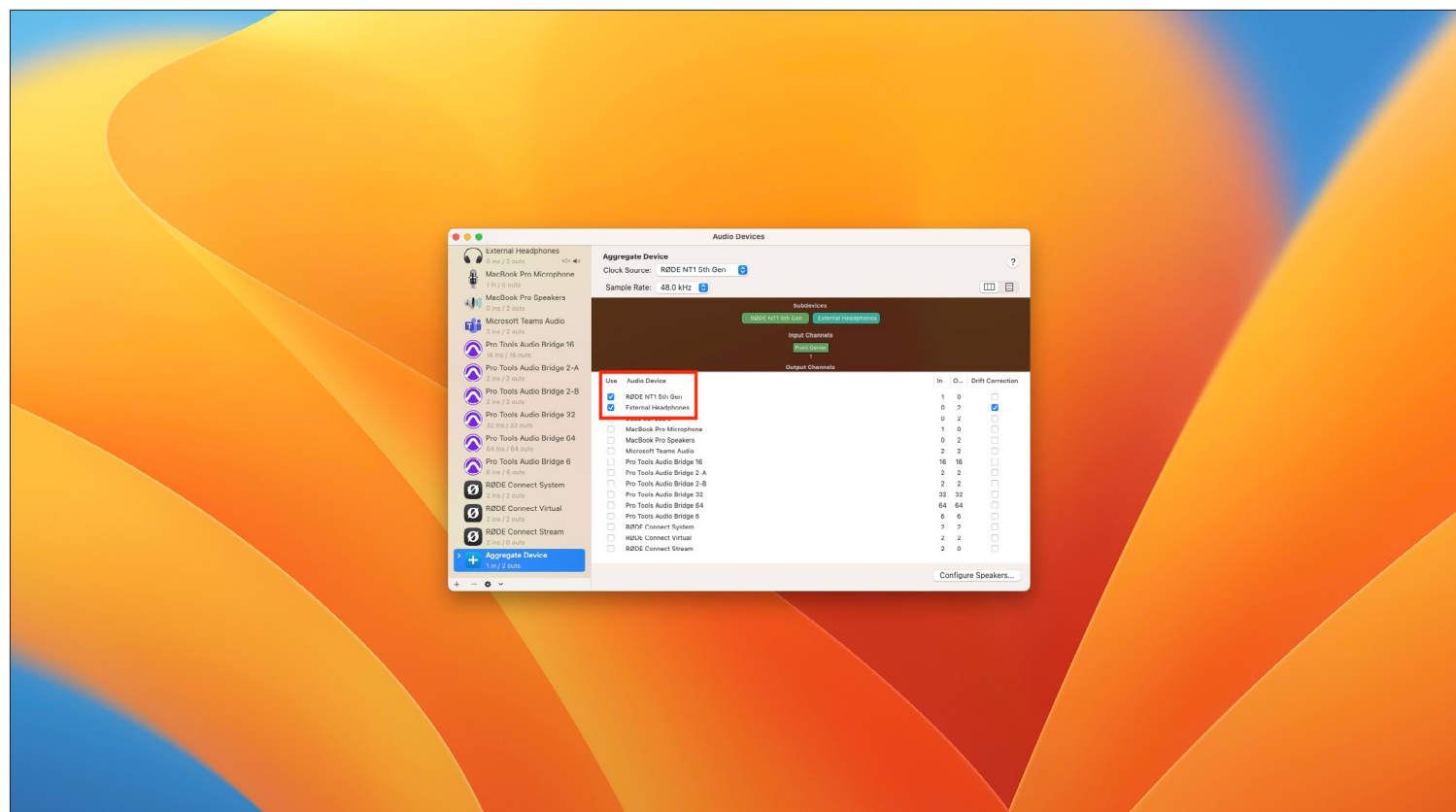
- b. Still in the Audio MIDI Setup panel, click on the '+' symbol in the bottom left corner and click 'Create Aggregate Device'.



STEP 2 CONTINUED

- c. Tick the 'Use' checkbox next to the 'RØDE NT1 5th Gen' device as well as the 'External Headphones'.

NOTE: On this page, you can add up to eight (8) separate NT1 5th Generation microphones that are connected via USB as input devices, allowing you to record each microphone simultaneously on a separate track.



STEP 3

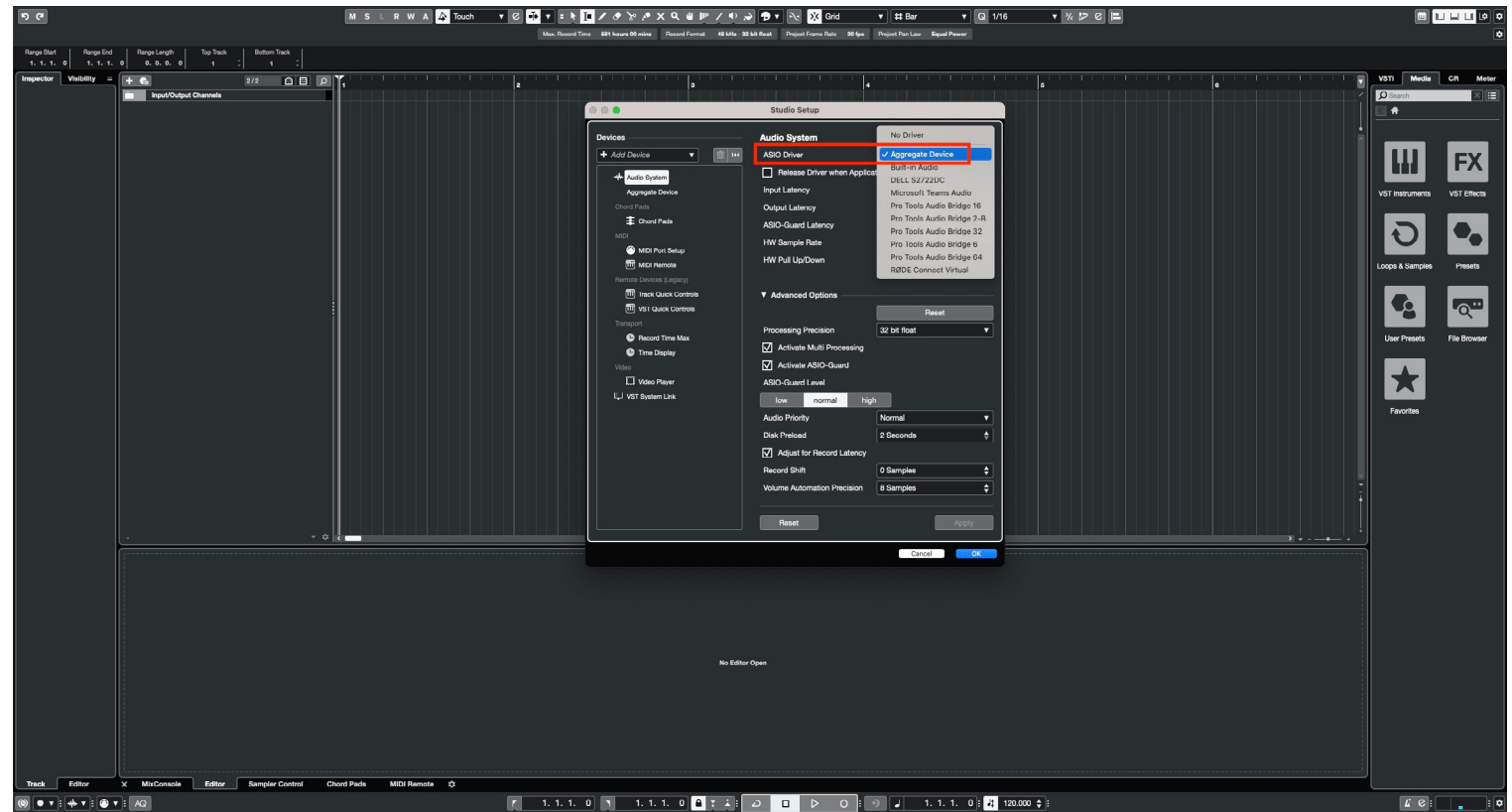
Open Cubase and click 'Create Empty'

- a. Choose the location for your project to be saved, and check 'Open'.



STEP 4

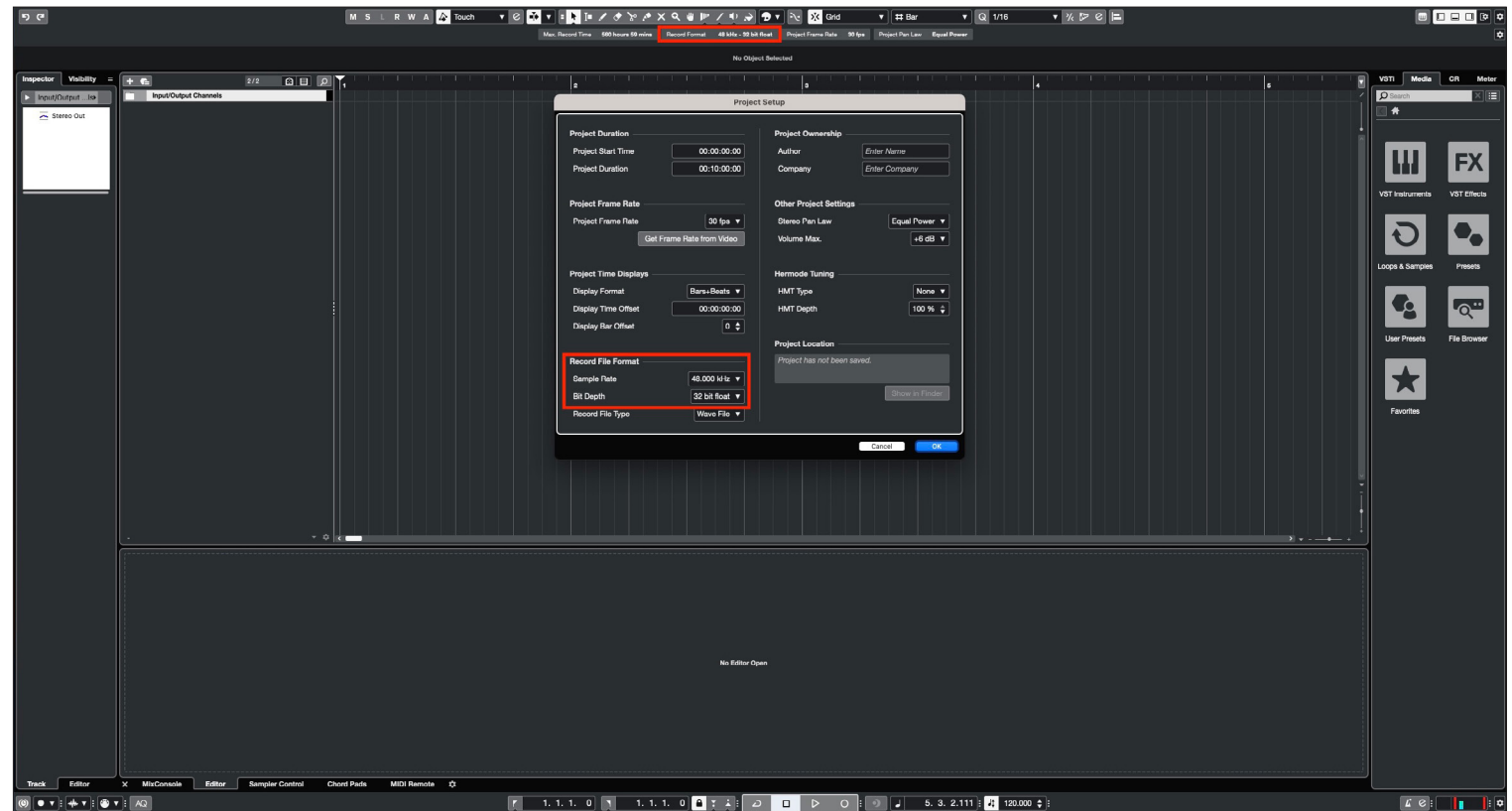
From the top toolbar, navigate to 'Studio' > 'Studio Setup' > 'Audio System' and under the ASIO Driver dropdown, select 'Aggregate Device' and click 'Switch'.



STEP 5

At the top of the screen, click 'Record Format'

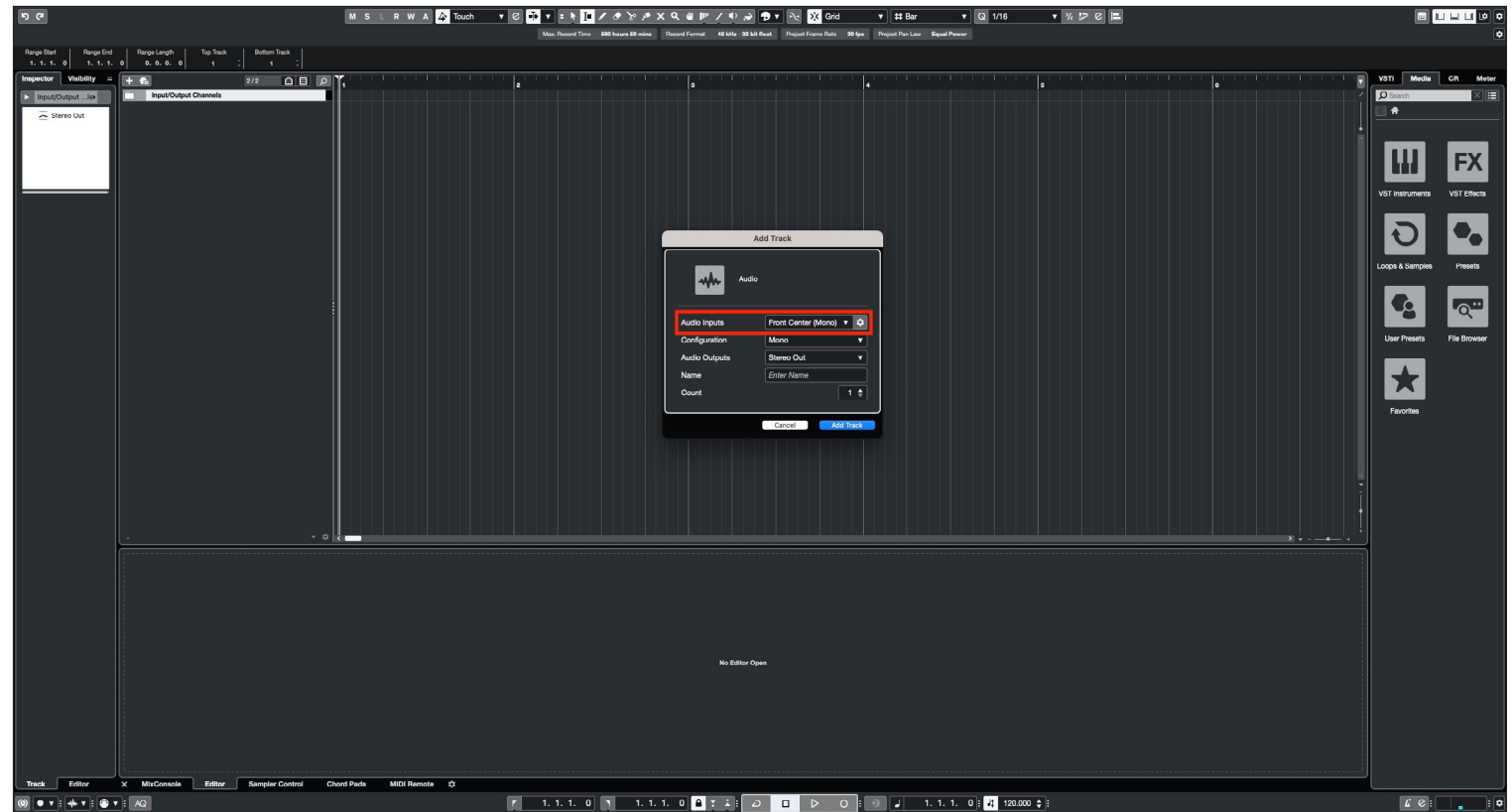
- a. In the 'Project Setup' pop-up, click the Sample Rate dropdown and choose the same sample rate you selected in step 2a.
- b. Beneath it, click the 'Bit Depth' dropdown and selected '32 bit float'.



STEP 6

Exit the menu and create an audio track by navigating to 'Project' > 'Add Track' > 'Audio'.

- a. Ensure 'Front Center (Mono)' is selected under the 'Audio Inputs' dropdown and click 'Add Track'.



STEP 6 CONTINUED

- b. Click on the 'Record Enable' and 'Monitor' buttons on your newly created track. You should now be able to monitor your NT1 5th Generation.



STEP 7

Click on the 'Record' button at the bottom centre of the screen to begin recording your performance. Hit 'Stop' to end your recording.



STEP 8

If your audio clipped while recording, rather than having to re-record the track, you can simply adjust it afterwards to the appropriate level. This is the key benefit of 32-bit float recording. To do this, click the 'Arrow' tool at the top of the screen and then click-and-drag the box in the centre of your recording to lower its volume until the peaks sit below the upper limit of the track, restoring the previously 'clipped' audio.

NOTE: This post-recording gain adjustment can also be applied to tracks that are too quiet by following the same process.

