

# Overview

A preset on Nano Cortex stores the entire configuration of your signal chain, enabling you to recall your favorite tones easily and quickly. Nano Cortex can store up to 64 Presets. In the default **4-Preset Mode**, Nano Cortex offers quick access to four Presets by using **Footswitches I** and **II**.

- **Footswitch I** toggles between Presets IA and IB.
- **Footswitch II** toggles between Presets IIA and IIB.

These four presets can be customized directly on the device using the global controls. The Cortex Cloud app is used for more advanced preset management, such as assigning Presets to footswitches, renaming, or deleting them.

## Creating a preset on Nano Cortex

Creating a Preset on Nano Cortex is simple and intuitive:

**Step 1:** Start by selecting the Neural Capture you want to use:

- Press the **BANK** button to cycle through the different Capture banks, and then turn **Footswitch I** to cycle between Captures.
- Adjust the **GAIN**, **BASS**, **MID**, and **TREBLE** knobs to shape your tone.

**Step 2:** Choose an impulse response (IR):

- Turn **Footswitch II** to cycle through the IRs and choose the one that compliments your amp.

**Step 3:** Add effects:

- Press the **FX** button to cycle through the effect slots. Use the **AMOUNT** knob to adjust the amount of each effect added to your signal.
- Press-and-hold the **FX** button to bypass or engage the currently selected FX slot.

**Step 4:** Save your Preset:

- Once you're satisfied with your setup, press and hold the **SAVE** button for 3 seconds to save your Preset.

**Note:** Saving will overwrite the currently loaded Preset. To learn how to create a new Preset without overwriting an existing one, refer to the 'Creating a new Preset in an empty Preset slot' section of this guide.

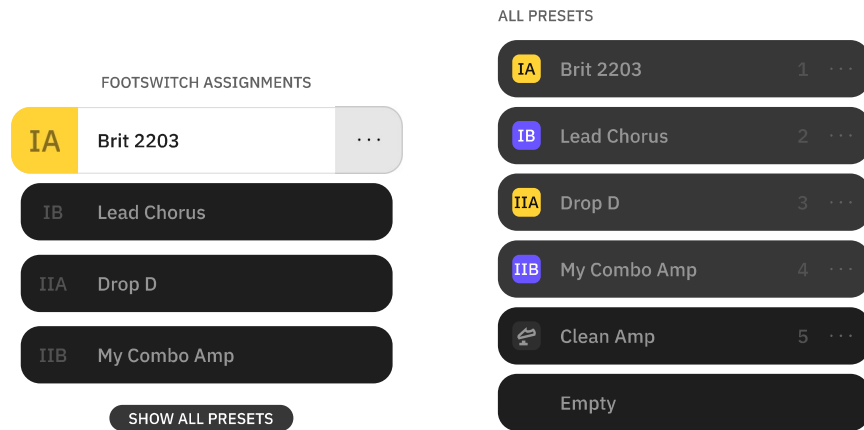
## Managing and creating Presets on the Cortex Cloud app

The Cortex Cloud app features tools for more detailed Preset management. For more information, refer to our guides on [pairing your Nano Cortex with the Cortex Cloud app](#) and [using the Cortex Cloud app](#).

### Viewing, loading and managing your Presets:

Once your Nano Cortex is paired with the Cortex Cloud app,

the app will display your footswitch-assigned Presets. You can easily access and edit the preset you've just created, as well as other presets stored on your device.



- Tap **SHOW ALL PRESETS** to display all the Preset slots on a single screen.

### Loading Presets:



- Tap a Preset that has been assigned to a Footswitch to load it.

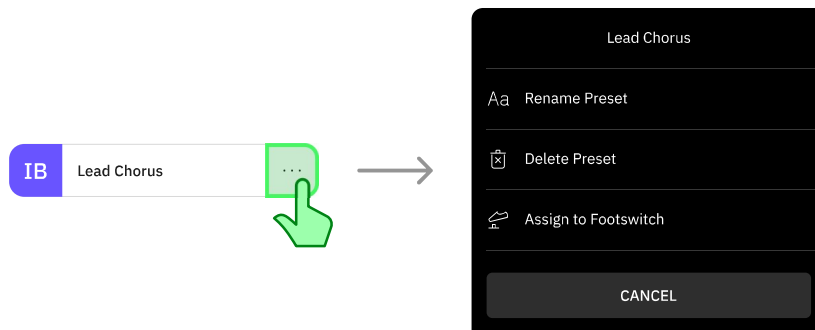


- Tap an unassigned Preset to load it. **Footswitch I** will turn red, indicating the current Preset is not assigned to any footswitch.

### Editing Presets:

- Tap any element in the signal chain to access its controls and parameters. You can adjust these settings directly from the Cortex Cloud app.

### Managing Presets:



- Tap the button to the right of any Preset to open its contextual menu. Here, you can rename, delete, or assign the Preset to a footswitch:
- **Rename Preset:** Tap to rename the selected Preset.
- **Delete Preset:** Tap to delete the selected Preset.



- **Assign to Footswitch:** Tap to assign or reassign the selected Preset to **Footswitch I** or **II**. **Tip:** You can assign a single Preset to multiple footswitches simultaneously.

## Creating a new Preset in an empty Preset slot

Follow these steps to create a new Preset without overwriting an existing one:



**Step 1:** Load an empty Preset slot or tap **'Create New Preset...'**.

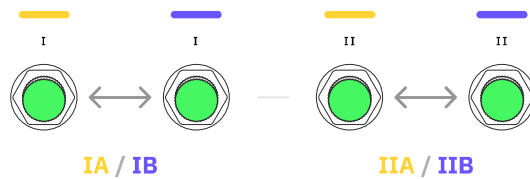
**Step 2:** Once you've dialed in your tone, press **SAVE** and give your preset a name.

## Footswitch operation

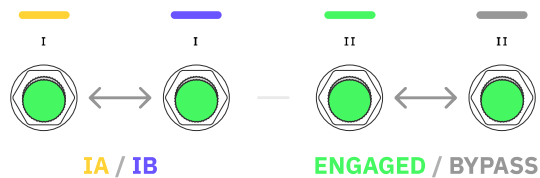
# mode

Nano Cortex has two different Footswitch operation modes to suit your performance needs: **4-Preset Mode** and **2-Preset Mode**.

## 4-PRESET MODE



## 2-PRESET MODE



In **4-Preset Mode**, both **Footswitches I** and **II** are used to toggle between four presets: IA, IB, IIA, and IIB.

In **2-Preset Mode**, **Footswitch I** is used to toggle between presets IA and IB, while **Footswitch II** functions as a global bypass switch.

## Changing the Footswitch operation mode

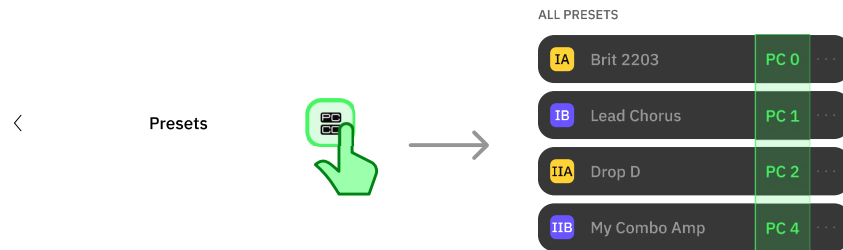
**Step 1:** Tap the contextual menu button at the app's upper-right corner and tap '**Settings**' to access the Nano Cortex Settings screen.

**Step 2:** Navigate to '**Preset Operation Mode**' and choose between **4-Preset Mode** or **2-Preset Mode**.

## Loading Presets with

# MIDI

Nano Cortex can receive MIDI messages from external devices via **USB-C** and **TRS MIDI Type-A**.



Preset slots are automatically assigned to PC messages from Program 0 to 63. To view the assigned PC messages, tap the **PC/CC button** at the top-right corner of the Presets list.

For more detailed information, refer to our guide on [using MIDI with Nano Cortex](#).

## Enable MIDI over TRS



**Step 1:** Tap the contextual menu button at the app's upper-right corner, go to '**Settings**', and ensure the EXP/MIDI operation mode is set to **MIDI**.

**Step 2:** Connect the external MIDI device's **MIDI OUT** to Nano Cortex's **EXP/MIDI input** by using a **TRS MIDI Type-A cable**.

**Step 3:** Set the external MIDI device to send PC messages (Program 0 to 63).

**Step 4:** Nano Cortex will recall Presets from the Preset Library accordingly.

## Configuring MIDI over USB

**Step 1:** Connect your Nano Cortex to a computer via USB-C.

- For USB MIDI on Windows® computers, you will need to download and install the Nano Cortex ASIO driver from our Downloads page. Read our guide on [using Nano Cortex as an audio interface](#) for more information on the driver installation process.
- **Note:** No drivers are required for Mac® computers.

**Step 2:** Open your DAW and ensure Nano Cortex is recognized as a MIDI device.

**Step 3:** Create a MIDI Track, route its output to Nano Cortex, and place Program Change messages in a MIDI clip.

**Step 4:** Nano Cortex will recall Presets from the Preset Library accordingly upon playback.

## Next steps

Now that you're familiar with creating and managing presets on your Nano Cortex, you can start crafting Presets tailored for your performances.

The Cortex Cloud offers thousands of Neural Captures for you to explore and use in your Presets. Be sure to read our guide on [using the Cortex Cloud app](#) to learn more.

Additionally, we have guides on [using MIDI with Nano Cortex](#), [using Nano Cortex as an audio interface](#), and [keeping your Nano Cortex up to date](#).

If you have any questions or need assistance, our support team is always here to help. You can reach us by emailing [support@neuraldsp.com](mailto:support@neuraldsp.com).

## Guides for getting

# started with Nano Cortex

- [Nano Cortex quick start guide](#)
- [Connecting your gear to Nano Cortex](#)
- [Bluetooth pairing guide for Nano Cortex](#)
- [Using the Cortex Cloud app with Nano Cortex](#)
- [How to create a Neural Capture on Nano Cortex](#)
- **Creating and managing presets on Nano Cortex**
- [Using Nano Cortex as an audio interface](#)
- [Reamping on Nano Cortex](#)
- [Updating your Nano Cortex](#)
- [Using MIDI on Nano Cortex](#)
- [Nano Cortex DAW templates](#)