

## **NTS-1 Eurorack Conversion Faceplate Kit for Korg Nu:Tekt digital Synthesizer Manual**

Thank you for purchasing our NTS-1 Eurorack Conversion Kit! Below is a step-by-step guide on how to get your NTS-1 into the faceplate and installed into your rack! You can also refer to the **video manual** here: [Korg NTS-1 Eurorack Conversion Kit Installation Guide](#)

### *Part 1: Attach your NTS-1 to the faceplate-*

**Step 1:** Set output volume to around 75%

**Step 2:** Remove the top 4 screws from your Korg NTS-1 with a phillips head screwdriver

**Step 3:** Plug in the Angled Micro-USB cable to the Korg NTS-1

**Step 4:** Plug in the attached cables from the faceplate to your Korg NTS-1 as directed below:

- MIDI IN (bottom connector on faceplate) to the MIDI IN
- SYNC OUT to the SYNC OUT
- SYNC IN to the SYNC IN
- L + R INPUT to the AUDIO IN

**Step 5:** Place the NTS-1 through the faceplate and attach the 4 screws from step 1 through the faceplate into your NTS-1. Be careful not to scratch the faceplate and you may have to shift the unit around a bit. Remember, do not overtighten the screws.

**Step 6:** Plug in the final TRS cable L + R OUTPUT across the unit into the front HEADPHONE OUTPUT on the NTS-1.

### *Part 2: Installing your kit into your rack-*

**Step 1:** Plug the 16 PIN connector with the Noise Isolator into your rack and power on your rack

- **IMPORTANT!** If you do not see a RED LIGHT on the noise isolator, do NOT proceed and contact us for assistance

**Step 2:** Power down your rack and plug the USB-A from the NTS-1 into the noise isolator

**Step 3:** Use a phillips head screwdriver to put the 4x M3 screws into your rack rails

**Step 4:** Power on your rack and have fun!

### **Knowledge Base:**

- **POWER:** 16 pin bus board required to supply 5v for the Korg NTS-1. If your rack's power supply only offers 10 pin, you can use a standard USB cable and wall charger to power the NTS-1 externally.
- **NOISE:** NTS-1's are known for having noise issues when powering their unit from the same device managing the audio signal, if you have this issue, we recommend using the supplied 16 pin bus board cable with the attached noise isolator if connecting to your racks power supply.
- **SYNC:** When both SYNC IN / OUT TRS cables are connected to the unit, the NTS-1 will only accept a SYNC IN signal through the faceplate, the SYNC OUT then acts as a THRU. If you wish to use your NTS-1 as a clock via SYNC OUT, leave the SYNC IN TRS cable disconnected.
- **OUTPUT VOLUME:** We recommend setting the OUTPUT volume to around 75% to prevent output distortion.

- **INPUT TRIM:** Since most Eurorack modules send a hot signal, we recommend changing the KORG NTS-1 INPUT TRIM to -24dB to avoid clipping your input signal. Refer to the [KORG user manual](#).
- **OUTPUT LEVEL:** The Korg NTS-1 sends a LINE LEVEL output signal. If patching back into a eurorack system, the level will be extremely low, we recommend purchasing a pre-amp module of some sort to boost the signal back to eurorack standards or use the NTS-1 as your main output.

**Recommended Add-Ons:**

Abyss Devices - AMP:

<https://abyssdevices.com/product/line-level-instrument-amplifier-50x-gain-for-eurorack/>