

# Wenzellabs — NSA Selector

• [Manual PDF](#)

# The NSA Selector Eurorack Module Cheat Sheet

**Manual PDF:** **No direct PDF provided, content referenced from [N**

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## ## Quick Overview

- The NSA Selector is a unique Eurorack module that acts as a Fast
- It does **not** function as a standard audio interface; it does n
- The audio output reflects the raw binary data (bits) present on t

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## ## Connections & Controls Reference

Jack / Control	Type	Function
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<b>LAN A (RJ45)</b>	Input/Output	Ethernet network connect
<b>LAN B (RJ45)</b>	Input/Output	Ethernet network connect
<b>AUDIO OUT</b>	Output (TS/Mono)	Analog audio output deri

- **No panel controls:** No knobs, buttons, sliders, or toggles are
- **No CV inputs or outputs.**

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## ## Basic Usage Instructions

1. **Patch Network:** Connect two Ethernet devices (computers, hubs

2. **\*\*Patch Audio\*\***: Connect AUDIO OUT to desired Eurorack audio input
3. **\*\*Send/Receive Data\*\***: Any network traffic passing between LAN A
  - Use ping, file transfers, or any unencrypted/unencrypted data
4. **\*\*Creative Patching Tips\*\***:
  - Use tools/scripts (included in the GitHub repo) to sequence or
  - Streaming uncompressed BMP image files" through the network c
  - You can encode a .wav to raw 4-bit/25MHz (`.nsa` format, delt
5. **\*\*Network Echo/Delay Trick\*\***:
  - Use tcpdump or similar commands (see manual) on a computer co

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## ## Reference Summary

- **\*\*Ethernet Ports (LAN A, LAN B)\*\***: Bi-directional, 100 Mbps Fast
- **\*\*Audio Output\*\***: Analog, mono, 4-bit digital interpreted through
- **\*\*No direct voltage or CV integration.\*\***

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## ### Example tcpdump Commands (for Network Echo):

```
```sh
tcpdump -ni eth0
tcpdump -nvi eth0
tcpdump -nvi eth0 icmp
tcpdump -nvxi eth0
tcpdump -nxi eth0 not port ssh
```

Use these on a connected computer to maximize/modify traffic for creative results.

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**For more documentation/tools:**

- [NSA Selector GitHub Repository](#)

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Generated With Eurorack Processor ```