

Omnitone – 7Path

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[7Path - Ethernet Patch Cable Bridge – Omnitone Manual \(PDF\)](#)

7Path – Ethernet Patch Cable Bridge

Cheat Sheet

Overview

- **Purpose:** Connects two Eurorack cases (or two points in a large system) using a single Ethernet cable instead of long patch cables.
 - **Type:** Passive signal bridge—no power required.
 - **Form Factor:** 4HP wide, 3U tall, 20mm deep.
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How to Use

1. **Install** both 7Path modules in your cases or at desired locations.
2. **Connect** the two modules using a standard Ethernet cable (CAT5/6). *Does not include cable by default.*
3. *Supports up to 10 ft with unshielded, longer with shielded cables.*
4. **Patch** regular 3.5mm patch cables from your modules to any of the 7 jacks on the first 7Path.
5. **Retrieve** the signals on corresponding numbered jacks on the other 7Path module (1:1 pin mapping).

Example: If you patch into jack #4 in case A, the corresponding jack #4 on case B outputs/receives the same signal.

Jack/Control Reference

Jack	Description	Voltage Range
1–7 (per module)	Bi-directional buffered (no restriction: can be input or output)	No stated voltage restrictions; supports any Eurorack signal type (typically ±12V, ±5V CV, gate, audio)*

- **No knobs, buttons, sliders, or toggle controls.**
- **Completely passive:** No voltage/current manipulation; it simply connects signals directly.

* While specific voltage ranges are not stated in the manual, standard Eurorack ±12V and audio CV/Gate are supported.

Quick Reference

- **Connection:** Patch IN/OUT to jacks 1–7 on either module; corresponding jack on other module mirrors the connection.
- **No power needed (passive).**
- **For longer cable runs, use shielded Ethernet.**
- **Modules are interchangeable—no “send/receive” side.**

What's in the Box

- 2x 7Path modules
- 4x Mounting screws
- *Ethernet cable not included*

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