2hp — Switch

• Manual PDF

Manual PDF – 2hp Switch

2hp Switch – Quick Reference Cheat Sheet

A voltage-controlled signal router for audio, CV, or gate signals. Routes one of four inputs to a single output, switchable via knob or incoming CV.

Controls & Connections

Label	Type	Description	Voltage Range
1. Inputs	4x Jacks	Signal inputs (audio, CV, or gate)	±10V
2. Input LEDs	4x LEDs	Channel LED lights up for selected input	—
3. SEL CV	Jack	Select channel via external CV	±5V (added to SEL Knob)
4. SEL Knob	Knob	Manual channel select (1–4)	—
5. OUT	Jack	Output for currently selected input	—

How to Use

1. **Connect up to 4 sources** (audio/CV/gate) to the inputs.
2. **Select the active channel:**
   - **Turn SEL Knob**: Left = Input 1; Right = Input 4.
   - **Send CV to SEL Input**: Add CV for voltage-controlled switching (±5V range; summed with knob position).
3. **Monitor Output** at OUT jack—will carry only the currently selected input signal.
4. **Visual feedback:** Green LED lights by the selected channel.

Installation Recap

- **Width:** 2 HP
- **Depth:** 42 mm
- **Current:** +12V: 31mA / -12V: 16mA
- **Power cable red stripe** = -12V (Bottom, facing the front).

Specifications

- **Input Level:** ±10V (all input types)
- **SEL CV Range:** ±5V (summed with knob)
- **Noise:** Low; channel switching is very fast.

Useful Patching Tips

- Use for live selection between audio/CV sources.
- Sequence the SEL CV input for step-based or random switching.
- Automate modulation or signal routing without patch changes.