

2hp – Blur

- [Manual PDF](#)

[2hp Blur Manual PDF](#)

2hp Blur Eurorack Module Cheat Sheet

Description:

Blur is a spectral processor that transforms audio by smearing frequency content, enabling reverb-esque pads and time-stretched textures.

Panel Overview

| Jack/ Control | Type | Description | Range |
|------------------|-------|--------------------------------------------------------------------------|------------|
| IN | Input | Main audio input | 10Vpp |
| TIME | Knob | Amount of spectral time stretch; x1 at center, up to x16 to the right | - |
| TIME (CV) | CV In | Controls Time parameter | -5V to +5V |
| VIBE | Knob | Spectral spread/frequency wash; left = clear, right = smeared/washed out | - |
| | CV In | Controls Vibe parameter | |

| Jack/ Control | Type | Description | Range |
|------------------|--------|----------------------------------------|---------------|
| VIBE (CV) | | | -5V to +5V |
| MIX | Knob | Dry/Wet blend; left = dry, right = wet | - |
| MIX (CV) | CV In | Controls Mix balance | -5V to +5V |
| OUT | Output | Audio output | 10Vpp |

Quickstart

1. Patch audio into **IN** .
2. Patch from **OUT** into your system.
3. Set **TIME** to control stretch:
 4. Left = normal/short playback
 5. Center = original speed
 6. Right = up to x16 stretch
7. Set **VIBE** :
 8. Left = original timbre
 9. Right = washed spectral pad
10. Set **MIX** :
 11. Left = dry (original signal)
 12. Right = wet (processed)
13. Modulate with CV:
 14. Patch CV (-5V to +5V) into **TIME** , **VIBE** , or **MIX** for dynamic control.

Voltage Reference

| CV Input | Voltage Range | Function |
|--------------|---------------|------------------------------|
| TIME (CV) | -5V to +5V | Spectral time-stretch amount |
| VIBE (CV) | -5V to +5V | Frequency spread/smear |
| MIX (CV) | -5V to +5V | Dry/Wet blending |
| Input Audio | ~10Vpp | Line/Eurorack level |
| Output Audio | ~10Vpp | Line/Eurorack level |

Power & Physical

- Width: **2HP**
- Depth: **46mm**
- Power: +12V 85mA, -12V 7mA, +5V 0mA

Connect the power cable with the red stripe aligning with the module's white line marking!

Patch Ideas

- **Pad/Pluck:** Pair with transient-rich sources (e.g. Pluck) for ambient pads
- **Layered Ambience:** Use before or after reverb for wider pads (e.g. 2x Blur → Verb)
- **Pitch Processing:** Chain with pitch shifting for harmonic textures
- **Super Saws/Pulse:** Hyper saws (Swarm) sound lush when blurred

[Generated With Eurorack Processor](#)