

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.
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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
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