

Bastl Instruments – ABC Mixer

- [Manual PDF](#)
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Bastl Instruments ABC Mixer Cheat Sheet

Overview

- ABC is a compact 6-channel mixer for eurorack, primarily designed for audio mixing, but modifiable for mixing CV.
 - It can function as two independent 3-channel mixers or as a single 6-channel mixer, depending on jack usage.
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Inputs & Outputs Reference

Label	Type	Function	Voltage Range
A–F	Input	Six AC-coupled audio inputs (can be modded for DC, see below)	Audio: $\pm 5V$ typical
A+B+C	Output	Mix of inputs A, B, C (if used, output is isolated from D+E+F)	Audio out
D+E+F	Output	Mix of inputs D, E, F, PLUS A+B+C if the A+B+C out is unused	Audio out

Front Panel Controls

Control	Type	Function	Range
6x Gain Knobs	Knob	Individual input level A–F	0–1

No buttons, sliders, or toggles on front panel.

Key Usage Tips

- **Dual Mixer Mode:** Use both A+B+C and D+E+F outputs for two separate 3-channel audio mixes.
 - **Single Mixer Mode:** Leave A+B+C output *unplugged*; all six inputs mix at D+E+F output.
 - **Maximum Gain:** Each channel's gain knob goes from 0 (off) to 1 (unity gain).
 - **Stereo Use:** Use normalization jumpers on rear for quick stereo sets—A to D, B to E, C to F.
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Customization (Back Panel)

- **Solder Jumpers (6 jumpers):** Configure to bypass input capacitors, changing from AC to DC coupling. This enables CV mixing (mixes DC voltages).
 - **Normalization Jumpers (3 jumpers):** A→D, B→E, C→F for stereo/linked setups.
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Technical Specs

- **Width:** 5 HP
- **Depth:** 35 mm (skiff friendly)
- **Power:** +12V (<10mA), -12V (~10mA)
- **Protection:** PTC fuse and diode

- **Coupling:** AC (unless modified for DC/CV)
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Installation Notes

- Double check ribbon cable polarity!
 - Red stripe = -12V rail
 - Only connect/disconnect power with your case powered off.
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Links

[Download the Bastl Instruments ABC Mixer Manual \(PDF\)](#)

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