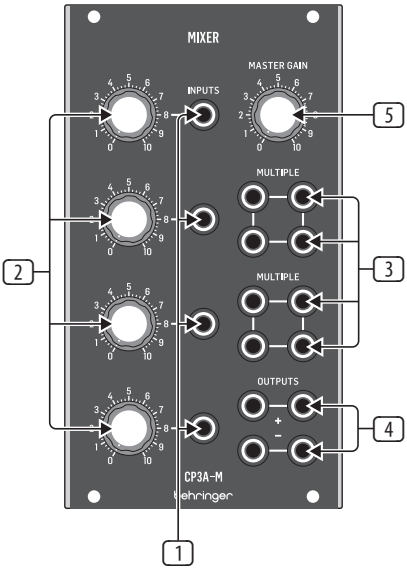
Quick Start Guide

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CP3A-M MIXER

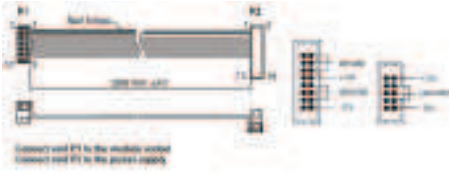
Legendary Analog Mixer/Utility Module for Eurorack

Controls



1. **CHANNEL INPUTS** connect the incoming signals via cables with 3.5 mm TS connectors.
2. **CHANNEL GAIN** knobs adjust the input volume for the CHANNEL INPUTS.
3. **MULTIPLE** connections act as a patchbay so that copies of the input signals can be routed out to other modules for further processing.
4. **OUTPUTS** connections send out the mixer module's final, summed signal. The OUTPUTS section features two sets of output jacks with negative and positive polarity.
5. **MASTER GAIN** controls the final volume at the OUTPUTS jacks.

Power Connection



The CP3A-M MIXER comes with the required power cable for connecting to a standard Eurorack power supply system. Follow these steps to connect power to the module. It is easier to make these connections before the module has been mounted into a rack case.

1. Turn the power supply or rack case power off and disconnect the power cable.
2. Insert the 16-pin connector on the power cable into the socket on the power supply or rack case. The connector has a tab that will align with the gap in the socket, so it cannot be inserted incorrectly. If the power supply does not have a keyed socket, be sure to orient pin 1 (-12 V) with the red stripe on the cable.
3. Insert the 10-pin connector into the socket on the back of the module. The connector has a tab that will align with the socket for correct orientation.
4. After both ends of the power cable have been securely attached, you may mount the module in a case and turn on the power supply.

Installation

The necessary screws are included with the module for mounting in a Eurorack case. Connect the power cable before mounting.

Depending on the rack case, there may be a series of fixed holes spaced 2 HP apart along the length of the case, or a track that allows individual threaded plates to slide along the length of the case. The free-moving threaded plates allow precise positioning of the module, but each plate should be positioned in the approximate relation to the mounting holes in your module before attaching the screws.

Hold the module against the Eurorack rails so that each of the mounting holes are aligned with a threaded rail or threaded plate. Attach the screws part way to start, which will allow small adjustments to the positioning while you get them all aligned. After the final position has been established, tighten the screws down.

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Specifications

Controls	
Channel gain	4 x rotary knob
Maximum input level	+14 dBu
Master gain	1 x rotary knob
Maximum output level	+14 dBu
Signal Connections	
Inputs	4 x 3.5 mm TS jack, mono
Impedance	10 kΩ unbalanced
Multiple	8 x 3.5 mm TS jack, mono
Arrangement	2 sets of 4 parallel jacks, passive
Compatibility	CV and audio signals
Outputs	4 x 3.5 mm TS jack, mono
Impedance	220 Ω to 5 kΩ, unbalanced
Output noise	< -85 dBu, 22 Hz - 22 kHz
Power	
Power supply	Eurorack
Current draw	30 mA (+12 V), 30 mA (-12 V)
Physical	
Dimensions (H x W x D)	129 x 71 x 35 mm (5.1 x 2.8 x 1.4")
Rack units	14 HP
Weight	0.16 kg (0.35 lbs)

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