

MMF



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Description

MMF is an analog, multimode filter with a 12dB per octave slope. Its sonic character swings all the way from classic low pass to squelchy acid lines. Simultaneous outputs of low pass, high pass, and band pass filter types are provided allowing for many variations of the input signal. Whether you're looking for smooth and creamy, or resonant and wild, MMF can go there.

- Voltage controlled multi mode filter
- Analog filter topology
- 12dB per octave slope
- Low pass, high pass, and band pass outputs

Installation

To install, locate 2HP of space in your Eurorack case and confirm the positive 12 volts and negative 12 volts sides of the power distribution lines. Plug the connector into the power distribution board of your case, keeping in mind that the red band corresponds to negative 12 volts. In most systems, the negative 12 volt supply line is at the bottom. The power cable should be connected to the module with the red band facing the front of the module.

Specifications

- Size: 2HP
- Depth 42mm
- Current Consumption:
 - +12V: 55mA
 - -12V: 55mA

Diagram



Functional Overview

1. Input

Modular Level Audio Input.

2. Freq

Cutoff frequency control.

CV Input: -8V to +8V added to knob position.

3. Reso

Filter Resonance control.

CV Input: -5V to +5V added to knob position.

4. LP

2-Pole Low Pass Filter Output

5. HP

2-Pole High Pass Filter Output

6. BP

2-Pole Band Pass Filter Output