2hp — MMF

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MMF Eurorack Filter Module Manual PDF *(No actual link provided, please insert manual link if available)*

MMF Eurorack Filter Cheat Sheet

Overview:
The MMF is a compact (2HP) analog multimode filter module for Eurorack systems. It features simultaneous low pass, high pass, and band pass outputs, with voltage control over cutoff frequency and resonance.

Panel Controls & Jacks

Label	Type	Function/Description	Voltage Range (if applicable)
INPUT	Jack	Modular-level audio signal input	N/A
FREQ	Knob + Jack	Cutoff frequency control knob, with CV input jack below	CV Input: -8V to +8V (added to knob)
RESO	Knob + Jack	Resonance amount control knob, with CV input jack below	CV Input: -5V to +5V (added to knob)
LP	Jack	2-pole low pass filter output	N/A

Label	Type	Function/Description	Voltage Range (if applicable)
HP	Jack	2-pole high pass filter output	N/A
BP	Jack	2-pole band pass filter output	N/A

There are no buttons, sliders, or toggle switches on this module.

Inputs

- **Audio Input:** Accepts modular-level audio signals.
- **FREQ (CV):** Modulates filter cutoff, -8V to +8V range.
- **RESO (CV):** Modulates filter resonance, -5V to +5V range.

Outputs

- **LP (Low Pass):** Filtered output, 2-pole, 12dB/oct slope.
- **HP (High Pass):** Filtered output, 2-pole, 12dB/oct slope.
- **BP (Band Pass):** Filtered output, 2-pole, 12dB/oct slope.

Usage Tips

- Patch your audio signal to **INPUT**.
- Select either **LP**, **HP**, or **BP** output (or all simultaneously) based on desired filter type.
- Adjust **FREQ** knob for manual cutoff control, or patch modulation CV for dynamic cutoff movement.
- Adjust **RESO** knob for resonance, or patch modulation CV for dynamic resonance sweeps (self-oscillation is not specified).
- Use simultaneous outputs for creative parallel or serial filtering.