

860^{MK2} Eurorack Filter

The System80 860 Eurorack Filter is a 10 HP version of our popular JOVE filter, which was inspired directly by the unique multi-mode filter of the Roland Jupiter-6 Polyphonic Synthesizer. There are four modes: Low Pass 24 dB, Low Pass 12 dB, Band Pass, and High Pass.

The MK2 version recalls the filter mode between power cycles. Press the Mode Selector to cycle through the four filter modes. The top LED indicates the 24 dB mode (red), and the 12 dB mode (orange). Both LEDs lighting red indicate Band Pass mode and just the bottom LED indicates High Pass mode.

The 860 comes with a standard 10 pin Eurorack power cable. The Red Stripe on the power cable indicates the position of the -12 V conductor. Connect the 10 pin connector to the 860's power header and connect the 16 pin connector to your system's power bus board. The 860 is designed to withstand brief conditions of reverse power, but prolonged connection to reverse polarity may damage the protection diodes and require module servicing.

Specifications

Power consumption: 40 mA +12 V, 30 mA -12 V

Unipolar frequency CV response: 0 V to +10 V

Bipolar frequency CV response: -5 V to +5 V

Frequency CV range: -10 V to +10 V

Input (typical): 10 V_{PP}

Output (typical): 6 V_{PP} to 12 V_{PP}

Width: 10 HP

Depth: 32 MM (incl. power connector)

