MMF-6, Multi Mode Filter

TThe MMF-6 is a multi mode filter with six outputs, first three from the left; "clean" low pass, band pass and high pass. Low- band- and high pass to the right are processed by three separate (for every output) saturation circuits with two modes; soft and hard.Additionally, the filter core has so called "symmetry" control for the resonance and cutoff frequency. It is possible to control cutoff so positive and negative going signals has different cutoff frequencies, from a subtle "edge" to very dramatical character of the audio signal (including frequency division effect). Now it's possible to imitate the famous Moog filter (it can not replace it, of course), OTA based filters and others. All this by modulating symmetry by one of outputs (pre-patched to "clean" low pass output) or an external signal. Now it is possible to mix clean and saturated audio signals in any combination.

Performances	
Total frequency controllable range	5Hz to 22kHz
Maximal input/output audio signal	20 Volts p-p
Slope	12dB/oct
Modes	Low- Band- High Pass
Outputs	clean and saturated
	soft or hard saturated
Current consumption	50 mA
Protection	protected against
	reversal voltage
Dimensions	128.4mm , 70.6mm
	3 HE, 14TE