

MA35 VCF/A

VCF SECTION

• peak

this is the resonance control. self-oscillation begins at around 2:00 on the dial, and will persist across the entire audio range.

• cv 1/2 (+/-5v)

these are the two control voltage inputs to the filter's cutoff frequency. CV 1 is un-attenuated while CV 2's depth is controlled by the corresponding pot.

• mode (0-5v)

this input allows CV control of the filter's mode of operation. inserting a cable into the jack will disable the panel switch. the input will accept any signal - its switch point is +2.5v - signals below this will select LP, above will select HP.

• in 1/2 (audio)

modular-level signals will overdrive the inputs around the 12:00 position. this will bring on a nice overdrive character and interesting interaction between the input signal and the resonance/self-oscillation. stay below this level for a cleaner, smoother sound.



BIG KNOB

VCF cutoff frequency

MODE SWITCH

up for HP, down for LP.

VCA SECTION

• gain (0-5v)

this controls the initial gain of the VCA. patching a signal into the jack will interrupt the default +5v offset, allowing a second modulation input to the VCA. this input will not pass negative voltage.

• mod (+/-5v)

this is the primary control voltage input to the VCA, and its signal will be added to that of the 'gain' control. the pot controls the depth of the signal patched to the input jack.

panel width: 12hp

module depth (with cable installed): 45mm

power consumption: coming soon

manhattan analog

[proper power cable orientation is marked on the PCB. the MA35 is nevertheless fully protected against reverse power connection]

EAS