

THE LUNAR FILTER SOCIETY

VC LOW PASS FILTER
CUTOFF FREQUENCY

REGENERATION

12 DB/OCT 24 DB/OCT

FREQUENCY MODULATION

FREQUENCY CONTROL INPUTS

REGEN. MODULATION

SIGNAL INPUT SIGNAL OUTPUT

MODULAR 504

VOLTAGE CONTROLLED MULTI MODE FILTER

CUTOFF FREQUENCY

REGENERATION

FILTER MODE NOTCH

FREQUENCY MODULATION

REGEN. MODULATION

MODE MODULATION

SIGNAL INPUT MIXED SIGNAL OUT

FREQUENCY CONTROL INPUTS MODE CONTROL REGEN. CONTROL INPUTS

LOW PASS OUT BAND PASS OUT HIGH PASS OUT NOTCH OUT

MODULAR 505

VC HIGH/LOW PASS FILTER
CUTOFF FREQUENCY

REGENERATION

HIGH PASS LOW PASS

FREQUENCY MODULATION

FREQUENCY CONTROL INPUTS

REGEN. MODULATION

SIGNAL INPUT SIGNAL OUTPUT

MODULAR 517S

VC BAND/LOW PASS FILTER
CUTOFF FREQUENCY

REGENERATION

BAND PASS LOW PASS

FREQUENCY MODULATION

FREQUENCY CONTROL INPUTS

REGEN. MODULATION

SIGNAL INPUT SIGNAL OUTPUT

MODULAR 509N

VC LOW PASS GATE
CUTOFF FREQUENCY GATE AMPLITUDE

RESONANCE

COMB

LOW PASS GATE

FREQUENCY/GATE MODULATION

FREQUENCY/GATE CONTROL INPUTS

RESONANCE MODULATION

SIGNAL INPUT SIGNAL OUTPUT

MODULAR 518

504

Ladder Type
Low Pass Filter
12/18/24 dB/oct

This **LOW PASS FILTER** is a traditional ladder-type filter, switchable 12/18/24 dB/oct with voltage controllable cutoff frequency and regeneration.

505

Multi Mode Filter
High/Low/Band/Notch
12/6 dB/oct

The **MULTI MODE FILTER** features low pass, high pass, band pass (12 dB/oct each) and notch mode (6 dB/oct), which are available simultaneously as well as combined at the mixed output. Even the filter mode is voltage controllable.

517s

Low Pass/High Pass
Filter
24 dB/octave

This **SINGLE VOLTAGE CONTROLLED FILTER** is one half of the 517 module without the combinator part, featuring a single high pass/low pass filter with voltage controllable cutoff frequency and regeneration.

NEW! 509

Low Pass/Band
Pass Filter
12/6 dB/oct

The **LOW PASS/BAND PASS FILTER** is inspired by the filter part of the famous Formanta Polivoks synthesizer from 1982. It features a switchable band pass/low pass filter with voltage controllable cutoff frequency and regeneration. Filter slope in low pass mode is 12 dB/oct, in band pass mode 6 dB/oct.

NEW! 518

Low Pass Gate
West Coast Type
VCF/VCA Combo

The **LOW PASS GATE** is inspired by the special module from Don Buchla found in his famous "west coast type" modular synthesizers (series 200) from around 1970. The module features a switchable combination of a low pass filter (12 dB/oct) circuit with voltage controllable cutoff frequency and a VCA (called "Gate"). Both functions work separately or in combination. The filter regeneration is voltage controllable.



TM

MODULAR

WWW.LUNAR-EXPERIENCE.COM