Boogie Filter

BOOGIE FILTER/GATE INPUTS

WIARD
BOOGIE FILTER

FREQUENCY

AUDIO INPUT
Audio input 1 mixes 50/50 with Audio input 2

IN 1

IN 2

AUDIO INPUT
Audio input 2 mixes 50/50 with Audio input 1

RESONATE

CONTROL

KEY INPUT
Controls filter cutoff frequency Not Calibrated Aprox. 10 Octave Range

KEY IN

CV

CONTROL INPUT
Controls filter cutoff frequency 20 Octave range
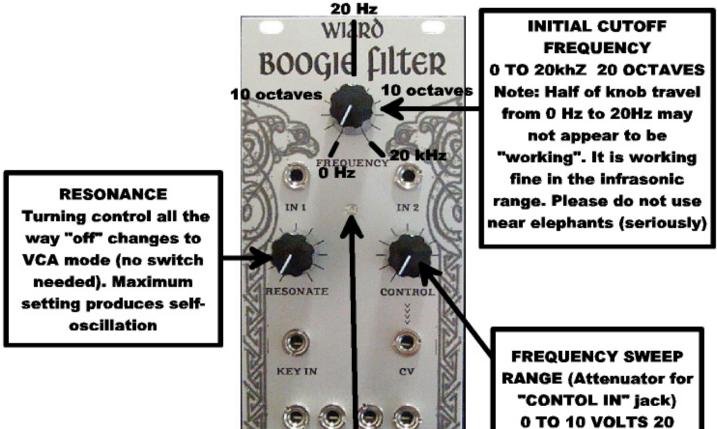
6 dB 12 dB 18 dB 24 dB
OUTS

MALEKKO

HINT: Route AD envelope to "KEY IN" route AR envelope to "CONTROL IN" for simple ADSR mixer. Use "CONTROL IN" as simple "SUSTAIN" control. Use initial frequency for "PUNCH" "Thanks to John Paia Simonton for suggesting "PUNCH" mode RIP."

BOOGIE FILTER/GATE OUTPUTS

WIARD

BOOGIE FILTER

FREQUENCY

IN 1   IN 2

RESONATE   CONTROL

KEY IN   CV

6 dB   dB   18 d   24 dB
OUTS

MALEKKO

6 dB/Oct AUDIO OUTPUT
Positive Phase
If problems with
bleedthru
Run negaitve voltage into
"KEY IN"

24 dB/Oct AUDIO OUTPUT
Negative Phase

12 dB/Oct AUDIO OUTPUT
Negative Phase

18 dB/Oct AUDIO OUTPUT
Positive Phase

HINT: USE ANY TWO FOR STEREO SEND
MIX ALL 4 TOGETHER TO MAKE "MYSTERY" FILTERS!

BOOGIE FILTER/GATE CONTROLS

20 Hz

WIARD
BOOGIE FILTER

10 octaves   10 octaves

FREQUENCY
0 Hz   20 kHz

IN 1   IN 2

RESONATE   CONTROL

KEY IN   CV

6 dB 12 dB 18 dB 24 dB
OUTS

MALEKKO

**INITIAL CUTOFF
FREQUENCY
0 TO 20khZ 20 OCTAVES**
**Note: Half of knob travel
from 0 Hz to 20Hz may
not appear to be
"working". It is working
fine in the infrasonic
range. Please do not use
near elephants (seriously)**

RESONANCE
**Turning control all the
way "off" changes to
VCA mode (no switch
needed). Maximum
setting produces self-
oscillation**

**FREQUENCY SWEEP
RANGE (Attenuator for
"CONTOL IN" jack)
0 TO 10 VOLTS 20
OCTAVES**

BLUE LED
**The brighter LED is the
higher the cutoff
frequency**