

INPUT GAIN OUTPUT

PREAMPLIFIER RANGE

OUTPUT GATE OUTPUT

ENVELOPE FOLLOWER RING MODULATOR

AUDIO DC

PRE AMP GATE LEVEL VCO1 VCO2

INITIAL OSCILLATOR FREQUENCY  
10 Hz 100 Hz 1 KHz 10 KHz  
0.03 Hz 0.3 Hz 3 Hz 30 Hz

FINE TUNE

SAWTOOTH

VOLTAGE CONTROLLED OSCILLATOR VCO-1

TRIAANGLE SAWTOOTH

OUTPUTS

SYNC EXT 2 3

SQUARE

KBD ON KBD OFF

AUDIO LFO

FM CONTROL

KBD CV S/H OUT ADSR VCO2

INITIAL OSCILLATOR FREQUENCY  
10 Hz 100 Hz 1 KHz 10 KHz  
0.03 Hz 0.3 Hz 3 Hz 30 Hz

FINE TUNE

10% PULSE WIDTH 90%

VOLTAGE CONTROLLED OSCILLATOR VCO-2

TRIAANGLE SAWTOOTH

OUTPUTS

SYNC OFF 1 3

SINE PULSE

KBD ON KBD OFF

AUDIO LFO

FM CONTROL

KBD CV S/H OUT ADSR VCO1 NOISE GEN

INITIAL OSCILLATOR FREQUENCY  
10 Hz 100 Hz 1 KHz 10 KHz  
0.03 Hz 0.3 Hz 3 Hz 30 Hz

FINE TUNE

10% PULSE WIDTH 90%

VOLTAGE CONTROLLED OSCILLATOR VCO-3

TRIAANGLE SAWTOOTH

OUTPUTS

KBD ON KBD OFF

AUDIO LFO

FM CONTROL

KBD CV NOISE GEN ADSR VCO2

INITIAL FILTER FREQUENCY  
10 Hz 100 Hz 1 KHz 10 KHz

FINE TUNE

MIN RESONANCE MAX

VOLTAGE CONTROLLED FILTER VCF-1

OUTPUT

ATTACK TIME DECAY TIME SUSTAIN VOLTAGE RELEASE TIME

ENVELOPE TRANSIENT GENERATOR

ADSR

ENVELOPE TRANSIENT GENERATOR AR-1

MANUAL START OUTPUT

KEYBOARD GATE/TRIGGER

S/H GATE

AUDIO CONTROL

RING MOD VCO1 VCO2 VCO3 NOISE GEN KBD CV ADSR VCO2

ATTACK TIME DECAY TIME SUSTAIN VOLTAGE RELEASE TIME

ENVELOPE TRANSIENT GENERATOR

ADSR

ENVELOPE TRANSIENT GENERATOR AR-1

MANUAL START OUTPUT

KEYBOARD GATE/TRIGGER

S/H GATE

AUDIO LIN EXP

VCF1 RING MOD AR1 ADSR

INITIAL GAIN

VOLTAGE CONTROLLED AMPLIFIER VCA-1

OUTPUT

AUDIO LIN EXP

VCF1 RING MOD AR1 ADSR

LEFT OUTPUT RIGHT OUTPUT

PAN

LEFT INPUT RIGHT INPUT

MIXER

REVERB

REVERB OUTPUT

VCF1 VCA1 VCA2 MIXER OUT

IN KBD OUT

IN GATE OUT

MULTI

CV 3 CV 4

CV 1 CV 2

GATE 1 GATE 2

SEQUENCER

GATE 1 GATE 2 GATE 3

CV

1V 2V 4V

GATE 2+3

SKIP OFF IN

RESET

QUANTIZER

1x8 2x4 4+4

START STOP RESET MANUAL STEP

CLK OUT DIVIDER (MODE)

S/H GATE

-10V

KBD CV

+10V

ENV VOL

LAG TIME

OUT

LAG

ATTACK TIME

SUSTAIN VOLTAGE

RELEASE TIME

ARSR ENV-GEN

OUTPUT

KBD GATE

ATTACK TIME

SUSTAIN VOLTAGE

RELEASE TIME

AR-2 ENV-GEN

OUTPUT

KBD GATE

SAMPLE & HOLD

NOISE GEN

CLK OUT

S/H OUT

EXT CLK IN

LEVEL RATE

NOISE GENERATOR

OUT

LOW FREQ PINK WHITE

MIN MAX

CV

SYNC

WAVETABLE VCO-4

OUTPUTS

MAIN

SUB

OSC MIX

FREQUENCY CV WF MAIN WAVEFORM SUB WAVEFORM

KBD CV AR2

BANK-SELECT

INITIAL FILTER FREQUENCY

VOLTAGE CONTROLLED FILTER VCF-2

OUTPUT

LP BP HP CONTROL RESONANCE

VCF2

AUDIO LIN EXP

VCF2 AR2 ARSR

VOLTAGE CONTROLLED AMPLIFIER VCA-2

OUTPUT

AUDIO LIN EXP

VCF2 AR2 ARSR

POWER

MASTER

STEREO PHONES

VCF2 AR2 ARSR