

TUNING - MIDI

MASTER TUNE [-5 FINE +5 #]

VCO1 OFF

MIDI ACT

PORTAMENTO

BEND AMOUNT

HOLD 440Hz RTRG

EDIT

PROGR

MANUAL

GATE ON

VOLTAGE CONTROLLED OSCILLATOR 1

OCTAVE

WAVEFORM

LFO 2

LFO 1

PWM

PW

NOISE S&H EG 1

VCO 3

VCO 2

LFO 2

LFO 1

FM1 SOURCE

AFT T

MOD W

VEL

PHASE

AMT

EXP

REV

NOR

OFF

KYBD

SUB -1

SUB -2

LIN

VOLTAGE CONTROLLED OSCILLATOR 2

OCTAVE

WAVEFORM

LFO 2

LFO 1

PWM

PW

NOISE S&H EG 1

VCO 3

VCO 1

LFO 2

LFO 1

FM1 SOURCE

AFT T

MOD W

VEL

PHASE

AMT

EXP

REV

NOR

ON

OFF

SYNC VCO1

KYBD

SUB -1

SUB -2

LIN

VOLTAGE CONTROLLED OSCILLATOR 3

OCTAVE

WAVEFORM

LFO 2

LFO 1

PWM

PW

NOISE S&H EG 1

VCO 2

VCO 1

LFO 2

LFO 1

FM1 SOURCE

AFT T

MOD W

VEL

PHASE

AMT

EXP

REV

NOR

ON

OFF

SYNC VCO1

KYBD

SUB -1

SUB -2

LIN

VCO 3

RM IN SEL

MIXER

VCO 1

SUB 1

VCO 2

SUB 2

VCO 3

EXT INPUT

VCO 3

EXT IN

RING MOD

VCO2 x VCO3/EXT IN

NOISE

24 db LOW PASS FILTER

LEVEL

DIST

OVERLOAD

FREQUENCY

RESONANCE

VCO 3

ENV FOLL

NOISE

VCO 2

S&H

EG 2

VCO 1

LFO 2

LFO 1

SOURCE

MOD W

AFT T

PHASE

FM1

AMOUNT EG

ATTACK

HOLD

DECAY

SUSTAIN

RELEASE

AMT FM3

12db 18db

6db BP 12 db LP

NOTCH

VELOCITY EG

MODE

ENVELOPE GENERATOR 1

GATE

AUTO

LOOP OFF

TIME

LEVEL

SUSTAIN

RELEASE

AMOUNT EG

VC LOW FREQUENCY OSCILLATOR 1

FREQUENCY

AFT T

S&H

SEQ A

REV

EG 2

EG 1

KYBD

ENV FOLL

SOURCE CV

PHASE

WAVEFORM

EG 1

EG 2

SEQ A

SEQ B

SEQ A+B

HOLD

SHAPING SELECT

ENV FOLL

SYNC

AMT

SAMPLE & HOLD - NOISE

LFO 2

LFO 1

INT

VCO 1

VCO 2

VCO 3

NOISE

EXT IN

OFF

GATE

CLOCK EG

PINK

WHITE

AUTO

EXT IN - ENV FOLL

OVERLOAD

GATE

INPUT GAIN

GATE THRESHOLD

AUTO PAN

INT

LFO 1

FREQUENCY

VC AMPLIFIER

OFF

EG2

KYBD/S&H

EXT IN

SEQ

GATE

AUTO

HOLD

EXT CV

ATTACK

DECAY

LEVEL

SUSTAIN

RELEASE

AM LFO1

MASTER VOLUME

ENVELOPE GENERATOR 2

CV SEQ CLOCK

VCO SEQ ENABLE

PWM SEQ ENABLE

FLT SEQ ENABLE

CV OUT 0/+8V

CV OUT 0/+5V

CV IN 1V/Oct

GATE OUT 0/+5V

CV IN 24db

CV IN 12db

LEFT/24db

RIGHT/24db

MONO

LOW FREQUENCY OSCILLATOR 2

FREQUENCY

MID

MOD W

FAST

HOLD

SLOW

RANGE

SHAPING SELECT

WAVEFORM

VCO 1

VCO 2

VCO 3

EG 2

EG 1

PN

EXT IN

SEND MODULATION

VCO

PWM

VCF 24db/12db

VCA

SEQUENCER 8 x 2

X8

X4

X2

ON

OFF

RANGE A

QNT A

GLIDE A

16x1

8x2

MODE

X8

X4

X2

ON

OFF

RANGE B

QNT B

GLIDE B

01 02 03 04 05 06 07 08

09 10 11 12 13 14 15 16

GATE

END STEP

ON

SKIP

NOR

A

B

A+B

CV SEQ CLOCK

VCO SEQ ENABLE

PWM SEQ ENABLE

FLT SEQ ENABLE

CLOCK SELECT

CLOCK DIVIDER

SEQUENCER MODE

STEP REPEAT

STEP ADV

RUN/STOP

RESET

CONNECTIONS

ROW A

ROW A + B

ROW B

CLOCK / TRNP SEQ

CV OUT 0/+8V

CLK IN

CLK OUT

GATE OUT 0/+5V

ROW A TRNP

ROW A+B TRNP

RUN/STOP

RESET

LOOP ON/OFF

CV IN CLK MOD

AUDIO EXT IN

CV OUT 1V/Oct

GATE OUT 0/+5V

CV IN 24db

CV IN 12db

PHONES

CV IN 1V/Oct

GATE IN 0/+5V

CV IN VCA/AFT T

LEFT/24db

RIGHT/24db

MONO