

behringer

NEUTRON

ANALOG SYNTHESIZER

TUNE

TUNE

OSC MIX

OCTAVE

8

16

32

SHAPE

RANGE

RANGE

SHAPE

3340 VCO

3340 VCO

OSC SYNC

PARAPHONIC

WIDTH

OSC 1

OSC 2

WIDTH

MODE

FREQ

RESO

KEY TRK

MOD DEPTH

ENV DEPTH

VCF

KEY SYNC

RATE

SHAPE

LFO

TIME

REPEATS

MIX

DELAY

DRIVE

TONE

LEVEL

OVERDRIVE

VOLUME

OUTPUT

MIDI IN

RATE

GLIDE

SAMPLE & HOLD

NOISE

A

D

S

R

ENVELOPE 1

VCA BIAS

A

D

S

R

ENVELOPE 2

SLEW

PORTA TIME

SLEW RATE LIMITER

1

2

ATTENUATORS

IN

OUT

OSC 1

OSC 2

OSC 1+2

INVERT IN

OSC 1

OSC 2

OSC MIX

SHAPE 1

SHAPE 2

PW 1

PW 2

VCF 1

VCF 2

OVERDRIVE

VCF IN

FREQ MOD

RES

OD IN

VCA

OUTPUT

NOISE

VCA IN

VCA CV

DELAY IN

DELAY TIME

ENV 1

ENV 2

INVERT

E. GATE 1

E. GATE 2

S&H IN

S&H CLOCK

LFO

LFO UNI

S&H

LFO RATE

LFO SHAPE

LFO TRIG

MULT

MULT 1

MULT 2

MIDI GATE

ATT 1 IN

ATT 1 CV

ATT 2 IN

SLEW IN

ATT 1

ATT 2

SLEW

SUM 1 [A]

SUM 1 [B]

SUM 2 [A]

SUM 2 [B]

SUM 1

SUM 2

ASSIGN