phones

scope

signal outputs
left right

control outputs
ch.1 ch.2

midi in
channel

env
on
off

input high
1 2

input low
1 2

on / off

voltage

signal

FILTER / OSCILLATOR

frequency

responce
low pass
osc

level

RING MODULATOR

level

on

off

on / off

RANDOM

preset

env
on
off

glide
off

s&h rate
slow
fast

range

OSCILLATOR 1

frequency
1Hz
10KHz

shape
audio
lfo

level

ENVELOPE SHAPER

attack
slow

on
/4
/2
long

decay
slow

off
manual

trapezoid

level

signal

OSCILLATOR 2

frequency
1Hz
10KHz

shape
audio
lfo

level

meter

meter	output ch1	output ch2	envelope	ring mod. A	ring mod. B	reverb	filter	osc. freq. 1	osc. freq. 2	osc. freq. 3	osc. shape 1	osc. shape 2	osc. shape 3	decay	reverb mix	filter frq	filter rsp	output ch. level 1	output ch. level 2

- output ch.1
- output ch.2
- oscillator 1
- oscillator 2
- oscillator 3
- noise
- input ch.1
- input ch.2
- filter
- trapezoid
- env. signal
- ring mod
- reverb
- midi / s&h
- random cv glide

tone

velocity

midi

s&h

REVERBERATION

mix
dry
reverb

level

OSCILLATOR 3

frequency
.05Hz
500Hz

shape s&h
audio
lfo

level
s&h

INPUT LEVEL

channel 1

channel 2

NOISE GENERATOR

colour
low
high

level

OUTPUT FILTER

channel 1
low
high

channel 2
low
high

XY CONTROLLER

range x

range y

CHANNEL 1 - - - - OUTPUT - - - - CHANNEL 2

level
left
right

pan(ext)

pan(ext)

level

env
on off

attack rec

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SYNTHI