REFERENCE CARDS

v1.99.19*BETA (pre-2.0) RELEASE* (August 5, 2022)

THE CENTRE

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WTO - Wavetable Oscillator

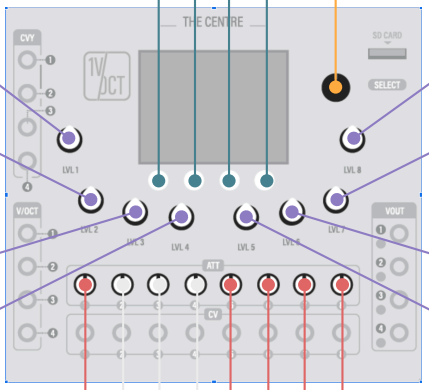
[Inputs] Configure Inputs of the module

[Back] Return back to Patch Menu

[SET] Settings of the module

[ROTATE] Navigate between wavetables in current directory
[CLICK] Enter File Browser to change to chosen wavetable and to change browsing directory
[LONG PRESS] Enter Wavetable Editor

[2D/3D] Switch between display of wavetable



[WT] Wavetable Position - position of wave in wavetable. If controlled by CV moves through the table.

[DTWT] Detune Wavetable element.

[UNI] Unison mode. Creates multiple (up to 16) oscillators.

[FRQC] Frequency Coarse

[DET] Detune. Detunes oscillators in unison mode with maximum range +/- semitone

[FRQF] Frequency Fine

[AM] Amplitude Modulation Level (can be use as VCA)

[GLDT] Glide Time

Smooting - Changes the way of wavetable reproduction

Select Audio Output Destiantion

NA

[NOTE-FINE] Fine-tune note in cents (+/- semitone)

NA

[NOTE-NOTE] Tune sound by semitone (+12 semitones one octave)

NA

[NOTE-OCT] Tune note by octave (+/- 8 octaves)

VCO - Voltage Controlled Oscillator

[Inputs] Configure Inputs of the module

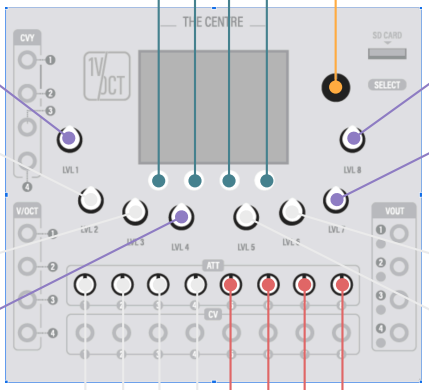
[Back] Return back to Patch Menu

[SET] Settings of the module

[ROTATE] Switches between waveforms (Triangle Square Sine)

[ON/OFF] Turning module On or Off (Bypass)

[SKEW] Adjust level of PWM or PWM-Style effect on waveform



[FM] Frequency Modulation Level

[PM] Phase Modulation Level

NA

NA

NA

[AM] Amplitude Modulation Level (can be use as VCA)

NA

Select Audio Output Destiantion

NA

[NOTE-FINE] Fine-tune note in cents (+/- semitone)

NA

[NOTE-NOTE] Tune sound by semitone (+12 semitones one octave)

NA

[NOTE-OCT] Tune note by octave (+/- 8 octaves)

LFS - Low Frequency Shaper

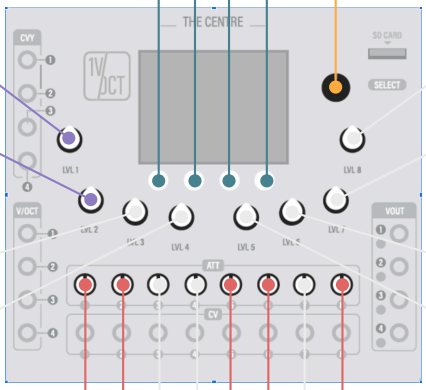
[Inputs] Configure Inputs of the module

[Back] Return back to Patch Menu

[SET] Settings of the module

[ROTATE] Navigate between shapes in current directory
[CLICK] Enter File Browser to change to chosen shape and to change browsing directory

[ON/OFF] Turning module On or Off (Bypass)



[FRQC] Frequency Coarse for LFO (HZ: 0 - 100Hz or BPM: 1/256 to 8bar)

[FRQF] Frequency fine tune

NA

NA

NA

NA

NA

NA

[TRIG] Select running mode (Trigger Continuous Gate Length)

Select Shape Output Destination

Select timing mode: BPM or Hz

NA

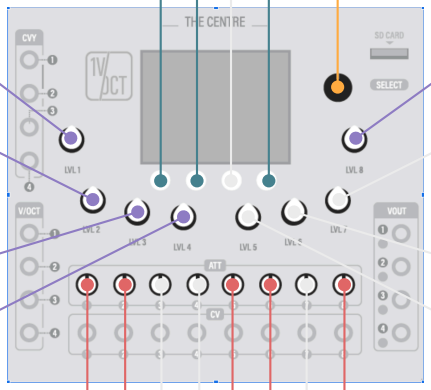
NA

Select Trigger CV

NA

[CLK] Select CLOCK source CV

LFS - Shape Editor



NA

[Back] Return back to LFS Screen

[DEL] Deletes current point

[ROTATE] Navigate between points and segments of shape

[CLICK] Add new point

[ADD] Adds point to the shape

[FRQC] Frequency Coarse for LFO (HZ: 0 - 100Hz or BPM: 1/256 to 8bar)

Change curve of next segment

[FRQF] Frequency fine tune

NA

Modify point velocity (Y-axis)

NA

Modify point position between neighbouring points (X-Axis)

NA

[TRIG] Select running mode (Trigger Continuous Gate Length)

Select Shape Output Destination

Select timing mode: BPM or Hz

NA

NA

Select Trigger CV

NA

[CLK] Select CLOCK source CV

ENV - Envelope Genereator

[Inputs] Configure Inputs of the module

[Back] Return back to Patch Menu

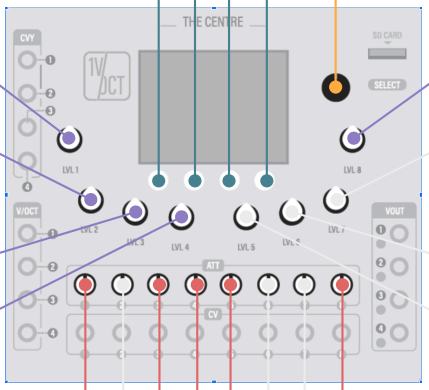
[SET] Settings of the module

NA

[ON/OFF] Turning module On or Off (Bypass)

Adjust ATTACK in range of 0.0 to 31.5s

Adjust RELEASE time in range of 0.0s to 31.5s



Adjust HOLD in range 0 to 31.5s.
When HOLD is 0s envelope is ADSR

NA

Adjust DECAY time in range of 0.0s to 31.5s

NA

Adjust SUSTAIN level

NA

Adjust curve shape of ATTACK

Select AUDIO Output of Envelope - to control other devices

NA

NA

Adjust curve shape of DECAY

NA

Adjust curve shape of RELEASE

[GAT] Select GATE Input CV

VCA - Voltage Controlled Amplifier

[Inputs] Configure Inputs of the module

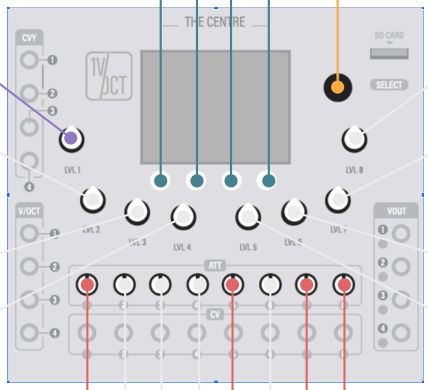
[Back] Return back to Patch Menu

[SET] Settings of the module

NA

[ON/OFF] Turning module On or Off (Bypass)

Adjust Level of Amplification



NA

NA

NA

NA

NA

NA

NA

NA

Adjust attenuation of CV input for Level

Select Audio Output Destiantion

NA

Select Input of VCA

NA

NA

NA

Select source of Level Modulation

VCF - Voltage Controlled Filter

[Inputs] Configure Inputs of the module

[Back] Return back to Patch Menu

[SET] Settings of the module

[ROTATE] Switch between filter types

[ON/OFF] Turning module On or Off (Bypass)

[CTO] Adjust Cutoff Level

[VOCT] Attenuation of Key Tracking CV

[RES] Adjust Resonance

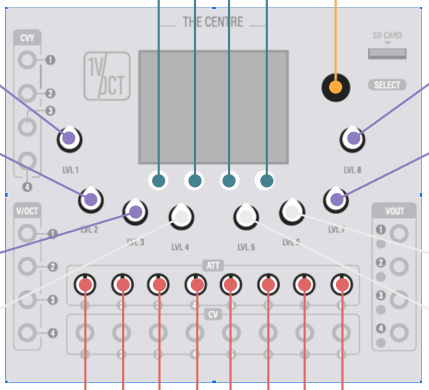
[VOCT] Select Keytracking CV

[GAI] Adjust Gain of filter

NA

NA

NA



[CTO] Attanuate Cutoff CV

Select Audio Output

[RES] Attanuate Resonance CV

Select Audio Input

[GAI] Attanuate Gain of filter CV

[GAI] Gain of filter CV

[CTO] Cutoff CV

[RES] Resonance CV

BRM - Balanced Ring Modulator

[Inputs] Configure Inputs of the module

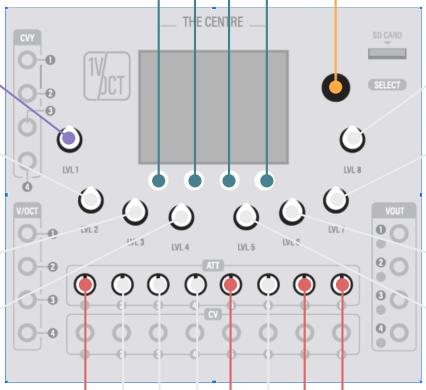
[Back] Return back to Patch Menu

[SET] Settings of the module

NA

[ON/OFF] Turning module On or Off (Bypass)

Adjust Level of Amplification



NA

NA

NA

NA

NA

NA

NA

NA

[AM] Adjust attenuation of CV input for Level

Select Audio Output Destiantion

NA

Select Input of VCA

NA

NA

NA

[AM]Select AM (Amplitude Modulation) source CV

SMP - Sample Playback

[Inputs] Configure Inputs of the module

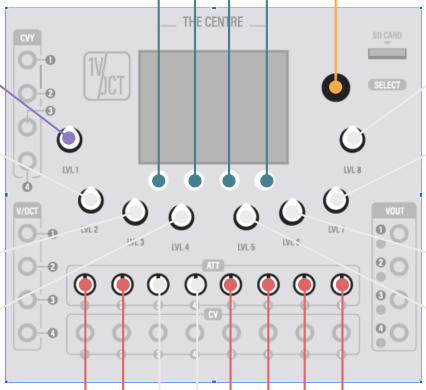
[Back] Return back to Patch Menu

[SET] Settings of the module

[ROTATE] Navigate between sample in current directory
[CLICK] Enter File Browser to change to chosen sample and to change browsing directory

[GATE] Trigger sample playback

[AM] Level



NA

NA

NA

NA

NA

NA

NA

NA

[TRIG] Select running mode (Trigger Continuous Gate Length)

Select Audio Output

Selects Gate CV

[NOTE-FINE] Fine-tune note in cents (+/- semitone)

NA

[NOTE-NOTE] Tune sound by semitone (+12 semitones one octave)

NA

[NOTE-OCT] Tune note by octave (+/- 8 octaves)

NOI - Noise Generator

[Inputs] Configure Inputs of the module

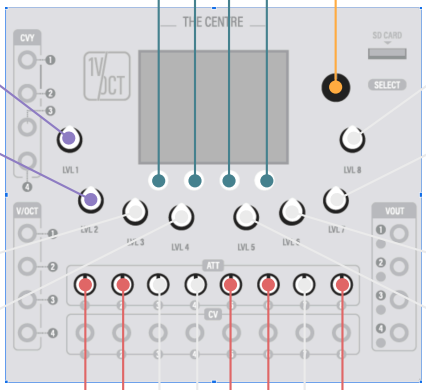
[Back] Return back to Patch Menu

[SET] Settings of the module

NA

[ON/OFF] Turning module On or Off (Bypass)

[LPF] Low Pass Filter Level
- Adjust colour of noise



NA

[HPF] High Pass Filter Level
- Adjust colour of noise

NA

NA

NA

NA

NA

Attenuate LPF CV

Select Audio Output Destiantion

Attenuate HPF CV

NA

NA

[HPF CV] Select CV controlling High Pass Filter

NA

[LPF CV] Select CV controlling Low Pass Filter

DLY - Delay

[Inputs] Configure Inputs of the module

[Back] Return back to Patch Menu

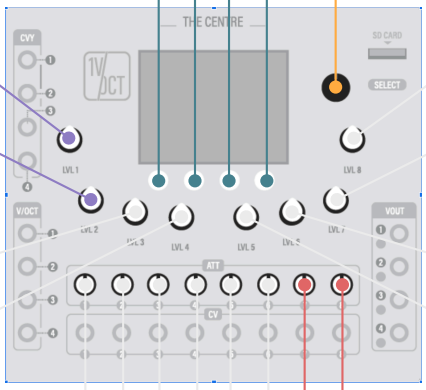
[SET] Settings of the module

[CLICK] Exit

[ON/OFF] Turning module On or Off (Bypass)

[DLY] Delay time 0s - 4s

[ECH] Percentage of echo added after delay time



NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

Select Audio Output

Select Audio Input

DST - Distortion

[Inputs] Configure Inputs of the module

[Back] Return back to Patch Menu

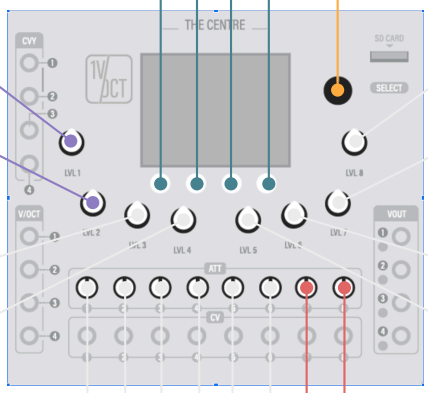
[SET] Settings of the module

[ROTATE] Change Distortion Type

[ON/OFF] Turning module On or Off (Bypass)

[LVL] Adjust Distortion Drive

[MIX] Adjust Dry/Wet Mix



NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

Select Audio Output

Select Audio Input

MIX - Voltage Controlled Panning Mixer

[Inputs] Configure Inputs of the module

[Back] Return back to Patch Menu

[SET] Settings of the module

[CLICK] Enter/Exit Selection Mode for Input
[ROTATE] Select Audio Input

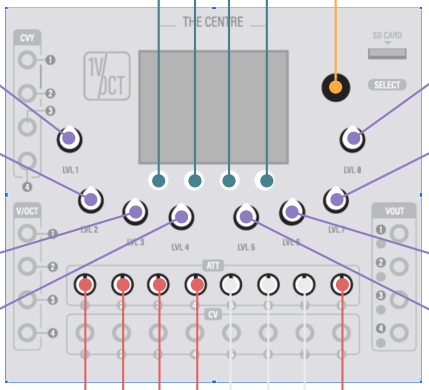
[ON/OFF] Switches input channels On and Off

[LVL] Adjust Level for Channel 1

[PAN] Adjust Panning for Channel 1

[LVL] Adjust Level for Channel 2

[PAN] Adjust Panning for Channel 2



[LVL] Adjust Level for Channel 3

[PAN] Adjust Panning for Channel 3

[LVL] Adjust Level for Channel 4

[PAN] Adjust Panning for Channel 4

Select Channel 1 Audio Input

Select Channel 2 Audio Input

Select Channel 3 Audio Input

Select Channel 4 Audio Input

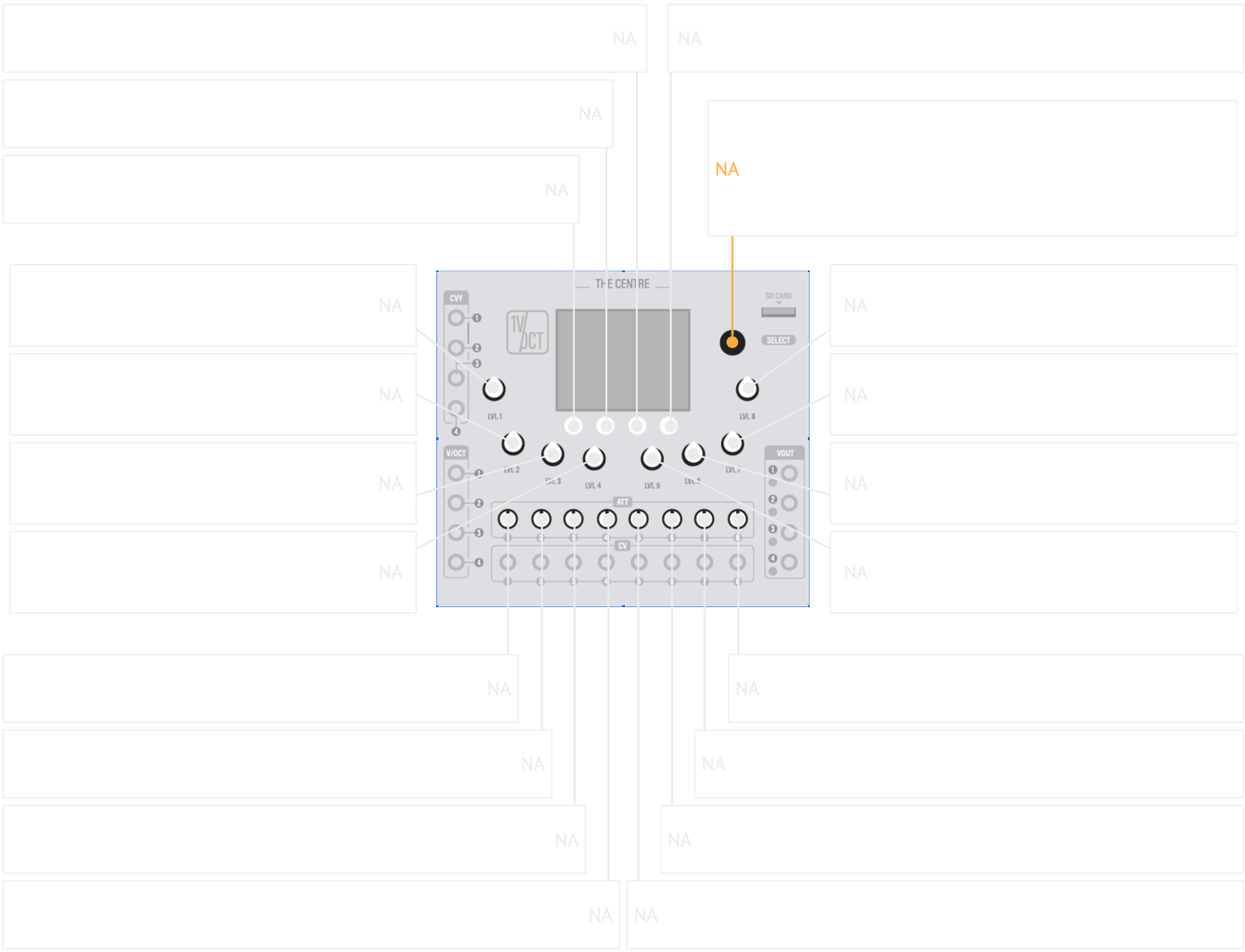
Select Audio Output

NA

NA

NA

CVM - CV Mix and Multiple


NA
NA
NA

CLK - Clock Generator

[Inputs] Configure Inputs of the module

[Back] Return back to Patch Menu

NA

NA

NA

NA

[BPM] Adjust BPM rate

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

NA

GAT - Clock and Gate Divider

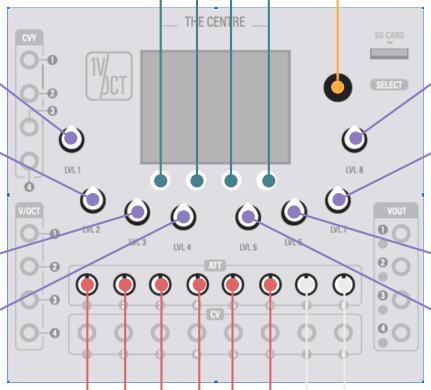
[Inputs] Configure Inputs of the module

[Back] Return back to Patch Menu

[SET] Settings of the module

[ROTATE] Select the Gate Element

[ON/OFF] Turning module On or Off (Bypass)



[INTV1] Interval for channel 1

[GLEN1] Gate length for channel 1

[INTV2] Interval for channel 2

[GLEN2] Gate length for channel 2

[INTV3] Interval for channel 3

[GLEN3] Gate length for channel 3

[INTV4] Interval for channel 4

[GLEN4] Gate length for channel 4

[DLY1] Delay for channel 1

[DLY2] Delay for channel 2

[DLY3] Delay for channel 3

[DLY4] Delay for channel 4

NA

NA

Select RESET CV

[CLK] Select CLOCK source CV

EUC - Euclidean Rhythm Generator

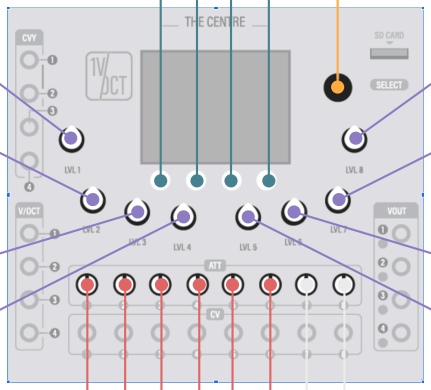
[Inputs] Configure Inputs of the module

[Back] Return back to Patch Menu

[SET] Settings of the module

NA

[RESET] Reset all paths to starting point



[STP] Adjust number of steps for pattern 1

[PLS] Adjust number of pulses for pattern 1

[STP] Adjust number of steps for pattern 2

[PLS] Adjust number of pulses for pattern 2

[STP] Adjust number of steps for pattern 3

[PLS] Adjust number of pulses for pattern 3

[STP] Adjust number of steps for pattern 4

[PLS] Adjust number of pulses for pattern 4

[OFS1] Offset for pattern 1

NA

[OFS2] Offset for pattern 2

NA

[OFS3] Offset for pattern 3

[LEN] Adjust length of step

[OFS4] Offset for pattern 4

[CLK] Select CLOCK source CV

RNG - Random Note Generator

[Inputs] Configure Inputs of the module

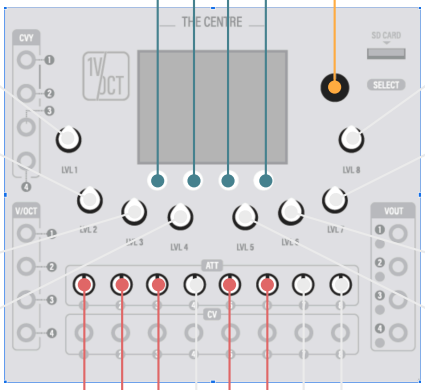
[Back] Return back to Patch Menu

[SET] Settings of the module

[ON/OFF] Turning module On or Off (Bypass)

[ROTATE] Move between scale selector and note lengths

[CLICK] Turn on Scale Selector or Toggle Note Length



NA

NA

NA

NA

NA

NA

NA

NA

[SCL] Select Scale

[NOTES] Select note lengths that will be included in randomiser

[RESTS] Select rests lengths to be included in randomiser

[TRG] Select Trigger CV - Ignores CLOCK

NA

[CLK] Select CLOCK source CV

QNT - Quantiser

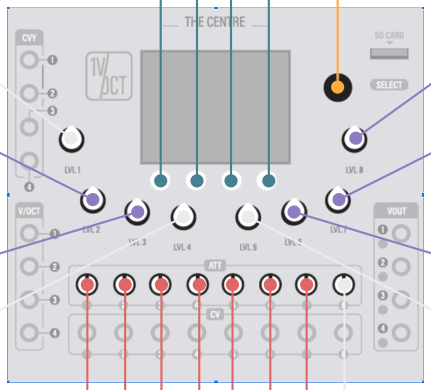
[Inputs] Configure Inputs of the module

[Back] Return back to Patch Menu

[SET] Settings of the module

[ROTATE] Select between Notes and Scale Selector
[CLICK] Turn note on or off and in Scale Selector turn to Scale Select mode

[ON/OFF] Turning module On or Off (Bypass)



NA

Enable/Disable Note F#

Enable/Disable Note C#

Enable/Disable Note G#

Enable/Disable Note D#

Enable/Disable Note A#

NA

NA

Enable/Disable Note C

NA

Enable/Disable Note D

Enable/Disable Note B

Enable/Disable Note E

Enable/Disable Note A

Enable/Disable Note F

Enable/Disable Note G