GRONE 2 Dark drone machine

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8
UP
4
A0   A1   2
1
A2   sample rate

DEL TIME   REVERSE

DEL MIX   GRIT

osc level   LFO WAVE

DEL FBACK   REV DCY

REV FREEZE

RATE

REVERB

NOISE LVL

OUT LVL

MOD   REZ

TAP

REV FREEZE

CLOCK OUT

TAP IN

cv in O OUT MOD2 NOISE   CUT   LFO O F IN F OUT OUT

MANECOLABS   art by Alfonsina González
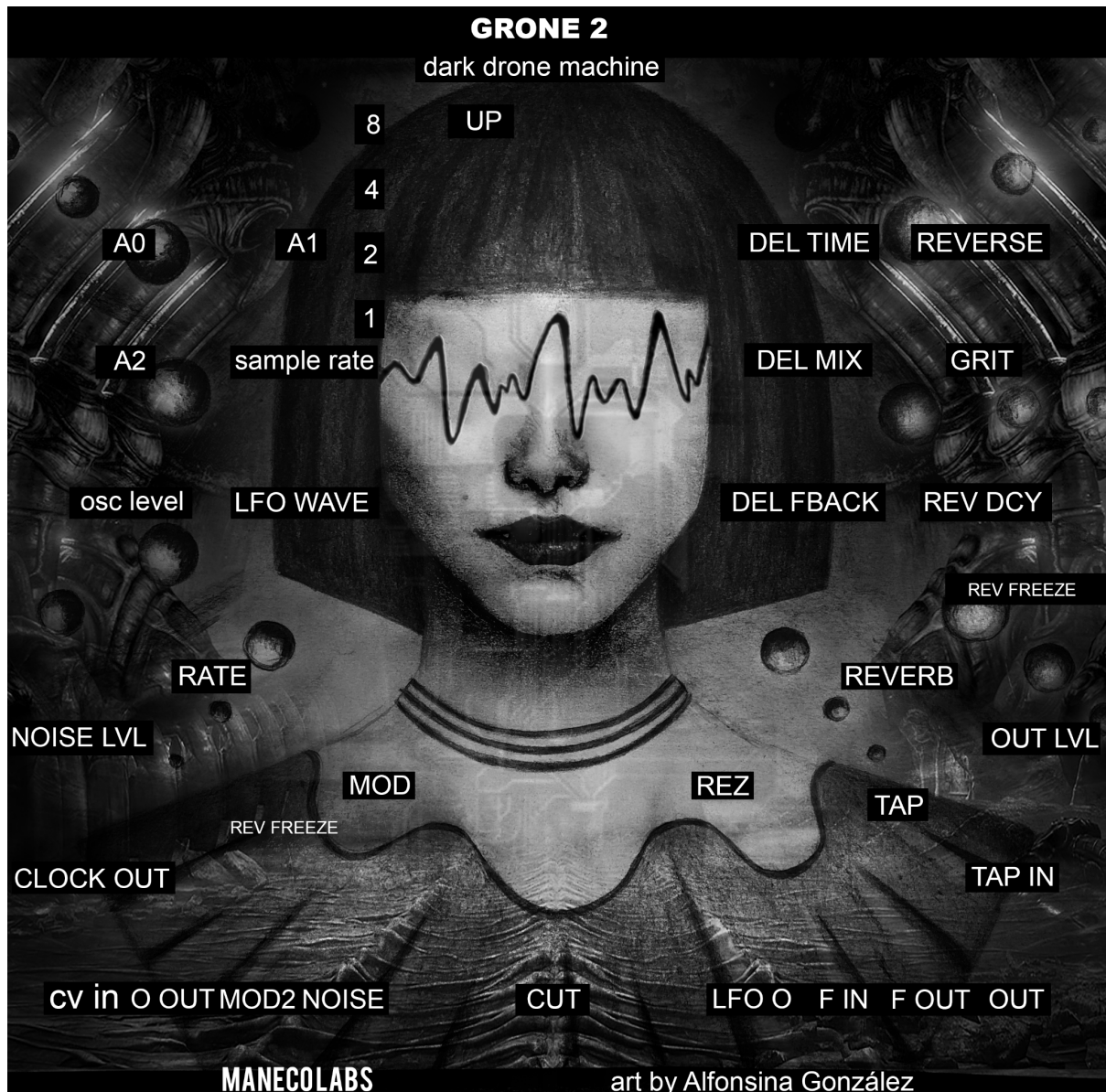
Blocks description
Drone VCO :
Generates sound based on equations converted to analog signals , there are sixteen equations
selected by Up and Down switches. Four leds indicate equation number in binary mode. Three
Pots modify numbers used by the equation, A0 , A1 and A2 , fourth pot Sample Rate controls
pitch and speed of the oscillation. There's an Output Level pot for the oscillator and a
dedicated jack for patching the Oscillator sound to external modules .
NOISE GENERATOR : White noise with noise level pot and noise output jack.
VCF : MS20 resonant low pass filter , with CUT frequency pot control , RESONANCE ,
MODULATION 1 amount pot , input and output jacks and second cv input for cut off ,labeled
MOD2

LFO1 : Low frequency oscillator routed to MOD1 from VCF , RATE and WAVEFORM shape Pots.
Also routed to delay block 1
Waveforms are : ramp up, ramp down, square, triangle, sine , sweep, random levels, random slopes

Effects Section:

Delay with tap tempo and reverse component : controls for delay time, delay feedback, delay level and reverse component , tap tempo input jack for external control

Reverb with freeze button , controls for reverb level and reverb decay , input jack for freeze function

www.manecolabs.com