

EURORACK MODULE

FUNCTION: audio FX: bit crusher

DIMENSIONS: 3HP - 34 mm deep p (including inserted power connector)

CURRENT DRAW: 13 mA @ +12V - 4 mA @ -12V - 0 mA @ 5V



JACK

LABEL	TYPE	RANGE	WHAT
SAMPLE RATE	CV input	0 - 5V	5V > sampling frequency = 480 Hz 0V > sampling frequency = 20 KHz
BIT	CV output	0 - 5V	5V > resolution = 10 bits 0V > resolution = 1 bit
IN	AUDIO input	10V pp	input signal. typically 5v to 10v peak to peak
OUT	AUDIO output	10V pp	output signal. typically 5v to 10v peak to peak

KNOB

LABEL	TYPE	WHAT
INPUT	rotary pot	input attenuator / gain.
SAMPLE RATE	rotary pot	480 Hz to 20 KHz sample rate
BIT	rotary pot	10 bit to 1 bit bit resolution

LED

LABEL	COLOR	WHAT
no label	red	analog to digital converter (ADC) is clipping

COMMENTS

- Inserting jacks into CV inputs overrides potentiometer control.
- Audio input and output are DC coupled. CV signals can be processed.