

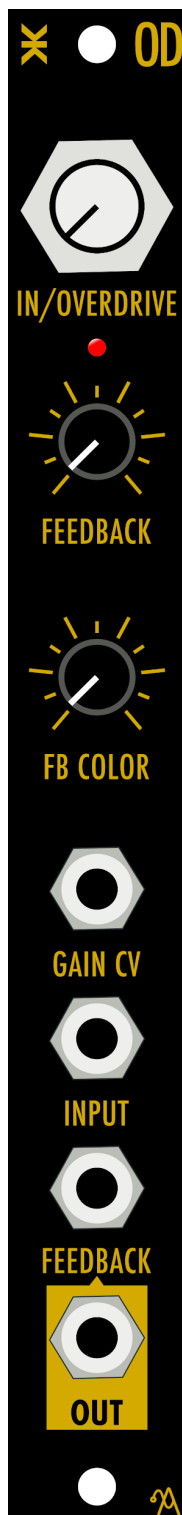
# OD [OVERDRIVE] DATASHEET

## EURORACK MODULE

FUNCTION: audio FX: tube overdrive

DIMENSIONS: 3HP - 39 mm deep (including inserted power connector)

CURRENT DRAW: 9 mA @ +12V - 18 mA @ -12V - 0 mA @ 5V



### JACK

LABEL	TYPE	RANGE	WHAT
GAIN CV	CV input	0 - 5V	Control the gain of the amplifier (VCA input)
INPUT	AUDIO input	10v pp	Main signal input
FEEDBACK	AUDIO input	10v pp	Second signal input. Output of the filter (color) is normalled to this input. This allow to bypass the filter in the feedback loop.
OUTPUT	AUDIO output	10v pp	Main signal output.

### KNOB

LABEL	TYPE	WHAT
IN / OVERDRIVE	rotary pot	Input attenuator, driving the tube amplifier.
FEEDBACK	rotary pot	Feedback amount (reinjection of filtered output).
FB COLOR	rotary pot	Frequency of the high pass filter, before reinjection.

### LED

LABEL	COLOR	WHAT
OVERDRIVE	red	Led OFF: "linear" mode Led ON: tube overdrive

### WARNING

This module picks up alot of the power supply noise. It is not intended as "HIFI" use.  
The frequency response of the design is (intentionally) not limited, and the tube may rings with a high tone for some seconds when it receives mecanical vibrations (jack insertion for example). This is a common microphonic phenomenon.