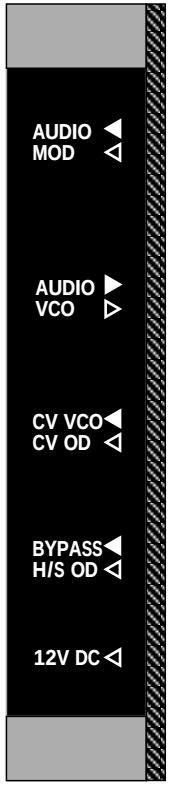
CONNECTIONS

All connectors are placed on the right side panel of the unit.



AUDIO / MOD *1/4" (6.3mm) jack stereo input*
- **AUDIO** input (TIP) to connect the sound source to be processed
- **MOD** input (RING) to connect an external modulation source for the Ringmodulator

AUDIO / VCO *1/4" (6.3mm) jack stereo output*
- **AUDIO** output (TIP) of the processed signal
- **VCO** output (RING) to use as sound source for ex. together with the MICROCON

CV VCO / CV OD *1/8" (3.5mm) mini-jack stereo input*
- **CV VCO** input (TIP) to control the internal VCO with a Control Voltage (CV)
- **CV OD** input (RING) to control the amount of overdrive with a Control Voltage (CV)

BYPASS / H/S OD *1/8" (3.5mm) mini-jack stereo input*
- **BYPASS** input (TIP) to switch the overdrive section on and off
- **H/S OD** input (RING) to switch the overdrive from hard to soft

12V DC *standardized 2.1mm plug, center pin = positive*
This is the power plug to connect an external power supply.
The power supply should have the following specifications:
- Output voltage: +12 volts to +15 volts DC
- Output current: at least 100mA

SPECIFICATIONS

AUDIO OUTPUT	max. 5.5V$_{PP}$ undistorted	**POWER SUPPLY**	+12V to +15V DC
VCO OUTPUT	Square : 2V$_{PP}$	**POWER CONSUMPTION**	approx. 55mA @ 12V
CV VCO INPUT	0... +5V	**Dimensions**	206 x 103 x 53mm
CV OD INPUT	0... +5V	**Weight**	500g

All descriptions of the product may be subject to change without notice

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EFFEXON by technosaurus

Analog Multi-Effect Processor



Swiss quality

OWNERS MANUAL

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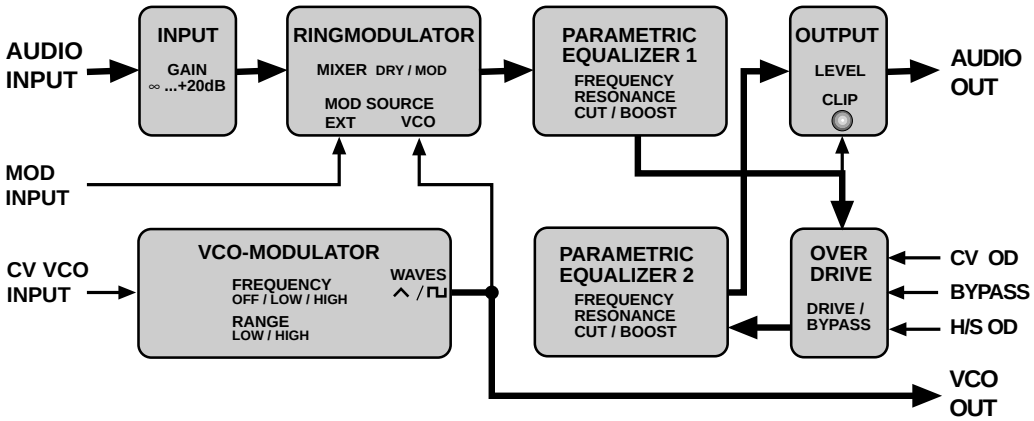
INTRO

We congratulate you on your purchase of this **real analog multi-effect processor.** The **EFFEXON** is hand made in Switzerland and only high quality analog components are used throughout the design. The **EFFEXON** is specialized in processing external sounds and can also act as an independent sound source. Many applications are possible such as general sound processing unit, guitar effect unit, synthesizer expander etc.

SIGNAL FLOW

AUDIO SIGNALS

CONTROL SIGNALS



FUNCTIONS

INPUT

GAIN With this knob, the level of the connected sound source can be adjusted to achieve the best signal to noise ratio within the **EFFEXON**. Attenuation to zero and gain up to +20dB make it possible to perfectly adapt almost every signal source such as synthesizers, guitars, mixing desks and CD-players.

RINGMODULATOR

MOD SOURCE Switch to choose the modulation source for the Ringmodulator. In position **EXT**, an external source connected acts as modulator. In position **VCO**, the internal VCO is used as modulation source.

MIXER Knob to continuously mix the **DRY** signal with the **MOD**ULATED signal from the Ringmodulator In position **DRY**, the audio signal passes by the Ringmodulator without effect. In position **MOD**, you will achieve a pure Ringmodulator signal.

EFFEXON by technosaurus

VCO-MODULATOR

Acts as a pure **VCO** to use for example with the MICROCON as well as internal **MODULATION** source for the Ringmodulator.

FREQUENCY Knob which determines the frequency of the VCO. It can act also as tuning knob when used with other synthesizers. In position **"C"** with the **RANGE** switched to **HIGH**, the pitch of the VCO corresponds approx. to a lower C (≈65Hz). In position **OFF**, the VCO doesn't oscillate.

RANGE Switch to choose the desired frequency range. In position **LOW**, the **VCO** can act as LFO (Low Frequency Oscillator). When using as audio oscillator, set this switch to position **HIGH**.

WAVES Switch determines the waveform of the **VCO**. Square and triangle waves are possible.

PARAMETRIC EQ 1 & 2

FREQUENCY Knob to adjust the desired center frequency of the filter range.

RESONANCE Knob to adjust the desired filter bandwith from Q = 0.5 to Q = 5.

CUT / BOOST Knob to adjust the desired attenuation (min. -15dB) or gain (max.+15dB) of the frequencies around the center frequency.

OVERDRIVE

The overdrive section is connected in series between Parametric EQ 1 and Parametric EQ 2. This allows excellent processing of the signal before and after the overdrive.

DRIVE Knob to regulate the intensity of the overdrive effect. In position **OFF**, the over drive section is bypassed. Two overdrive modes, **SOFT** and **HARD** can be selec ted with an external foot-switch or by simply pluging a mono jack into the H/S OD (Hard/Soft OverDrive) jack. With no connector plugged, the default mode is set to **HARD**. The overdrive is **voltage controllable** with any voltage source between 0 and +5 volts connected to the **OD CV** jack.

OUTPUT

LEVEL Knob to match the output level to the following stage (mixer, amplifier etc.).

CLIP This red LED indicates clipping of the processed signal. It is connected after EQ 1 and before the overdrive section.

POWER

The light of this green LED indicates that the proper power supply is connected and that the unit is functioning correctly.