

## rockruepel releases sidechain.one

rockruepel sidechain.one will be available for sale on September 15th 2021



rockruepel announces the newest addition to the legacy of rockruepel products known for its precise sound and incredible on point features. In collaboration with Studio DMI and MasteringWorks, rockruepel designed the sidechain.one. The sidechain.one is a versatile, extremely clean Mono VCA compressor with a wide range of attack and release times, that allow for multiple applications. The main feature is, as the name indicates, the filters in the sidechain. These sophisticated control options are unique and open new possibilities for shaping sound. Use sidechain.one in mono on individual tracks or in stereo on the 2-Bus for mixing or mastering. The focus of this unit is on the high-pass and the low-pass filters for the sidechain. The filters range from 20Hz - 200Hz, 150Hz - 2.3kHz, and 1.5kHz - 20kHz, respectively. The Listen feature lets you listen to what the side chain is receiving and can be used as a high quality band-pass filter. The compressor ratios are 1:2 (soft), 1:4 (medium) and 1:10 (hard), attack times range from 0.1ms to 120ms and release times range from 0.1ms to 1.2s.

The unit comes with an external power supply (110-240V) and a standard IEC cable. The stereo bundle includes a link cable.



Inspired by Luca Pretolesi's (Diplo, Major Lazer u.a.) workflow and techniques, our team created a new way of sidechain based compression.

## Features:

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- VCA compressor with very flexible sidechain filters
- Quality components for the best possible sound
- Continuously variable high-pass and low-pass filter for the sidechain in the ranges 20Hz - 200Hz, 150Hz - 2.3kHz, 1.5kHz - 20kHz
- Pre-listen function to control the filtered signal
- Compressor ratios 1:2, 1:4, 1:10
- Threshold +15dB to -44dB
- Changes with Attack (0.1ms bis 120ms) and Release Settings (0.1ms bis 1.2s) very audible
- XLR In & Out
- Ext. switching power supply (100 - 240V) with standard IEC cable
- Link two device together for stereo using a standard TS cable (incl. in the stereo bundle)
- Ideal for mixing and mastering
- Designed and manufactured in Germany

The sidechain.one will be available on September 15th at all participating and official dealers around the globe. Announcement of these will be made via Social Media on September 1st.

- Mono single channel : SRP Europe sidechain.one: 1649€
- Stereo Bundle : SRP Europe sidechain.one bundle: 3199€

### Specifications:

- Frequency Response:
  - 40Hz - 15 kHz:  $\pm 0,09$  dB
  - 20Hz - 20 kHz:  $\pm 0,22$  dB
- Amplification: 0 to +10 dB
- Max Output level (40Hz k3 -50dB): +22dBu
- Voltage Unit: +/- 15V
- Power supply: DC 100-240V AC
- Power usage: 3,5W
- Input: symmetric
- Input resistance:  $\geq 22k\Omega$
- Input damping @ 15KHz:  $\geq -45$ dB
- Output: symmetric
- Output resistance:  $\geq 80\Omega$
- Output damping @ 15KHz:  $\geq -42$ dB
- Harmonics k3: @ +4dBu: -61dB @ 40Hz
  - -60dB @ 1kHz
  - -60dB @ 6.3kHz
- Noise floor: pGer  $\geq -79$  dBqs (CCIR 486)
  - (@+4dBu, Output @ +10dB): pFr  $\geq -84$  dBq (Bandwidth 10Hz - 30 kHz)

[www.masteringworks.com](http://www.masteringworks.com)

[www.studiodmi.com](http://www.studiodmi.com)