

DRWCMP78

STEREO BUSS COMPRESSOR

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[RACK EXTENSION]
MANUAL

Re
Rack Extension

PRODUCT OF
TURN2ON



T2ON

FX device by Turn2on Software



DRWCMP78 is a stereo buss compressor with character settings, controlled distortion, tonal shaping, parallel mixing, versalite, and intuitive. Inspired by the hardware effect processor Drawmer™ 1978®, but developed in its own way.

The **compressor** is an intuitive part of the device, with controllable Threshold, Ratio, Attack, Release, Parallel compression and level compensation settings.

Sidechain functionality is optional. LF and HF reduction responses control HP and LP filter activity in the sidechain to reduce or increase the response of high and low frequencies in compression processing.

Tonal shaping gives control over the frequency and level of filtering in the Low and High bands.

Saturation is a gradual distortion of the signal, an effect that can change the sound of your mix and tracks, adding a subtle form of distortion that adds harmonics to your signal.

Character settings give width and monogize effect control of the compressed signal.

Attack and Release curves help control parameter smoothness.

The compressor's Parallel mix, and the main device Mix give complete control over the mix.

Try out **DRWCMP78**, the easy-to-use stereo buss compressor with configurable character settings, distortion value and shape control, which helps you find your favorite combination for the mix.



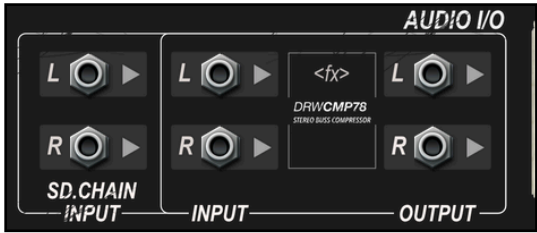
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INPUT LEVELS	TRSHLD / RATIO / ATT / REL	CURVE CHAR	SIDECHAIN ON	ACTIVE FX
NAME	DESCRIPTION			
INPUT LEVEL	Controls the gain level of the incoming unprocessed (dry) signal			
SDCHN LVL	Controls the gain (modulation) level of the incoming control signal from the sidechain input			
THRESHOLD	Sets the audio level above which compression is applied			
RATIO	Amount of gain reduction to apply; sets the degree of compression from 1:1 (no compression) to 4:1 (moderate compression), 8:1 (strong compression), 10:1 (approaching limiting)			
ATTACK	Controls the reaction time it takes for gain reduction to increase when the signal level rises			
RELEASE	Controls the reaction time it takes for gain reduction to decrease when the signal level fails			
ADJUST COMP	Adjust the output volume to compensate for any loss in level due to compression processing			
PARALLEL MIX	Mixes wet (processed) compressor output signal with a dry (unprocessed) input signal. Helps to make parallel compression technique			
LED METER	Meter display shows the gain reduction level and compressor response time			
SATURATE LEVEL	Sets the amount of drive (gradual distortion from subtle sweetening fx to gritty distortion), adding harmonic distortion to the band signal			
WIDTH	Adjust character of stereo width using a Mid/Side matrix (no effect on the mono signal)			
MONOGIZE	Frequency below which stereo width will be reduced to zero.			
ATT CURVE	Attack curve smoothing			
REL CURVE	Release curve smoothing			
ENGINE MODE	Switch between the Envelope Detector Engine modes, how the envelope detector tracks the signal level. - PUNCH : Follow the envelope below the threshold, which increases the attack punch as the envelope has further to come back up. - FAST : Normal envelope detection with fast attack and release. - SMOOTH : Release slows down as the signal falls below threshold.			
SHAPE L.F. & LF LEVEL	LF sets Low Frequency values in Shelf mode (60/125/250/350/500 Hz) or Bell mode (200/300/400 Hz) to Low band. Controls the pumping/ducking effect of the Low band. LF Level sets bass band-shaping control.			
SHAPE H.F. & HF LEVEL	HF sets High Frequency values in Bell mode (3/4/5/6 kHz) or Shelf mode (2/4/8/16 Hz) to High band. HF Level sets specific high band shaping control.			
LF/HF RESP.	Reduction Response: HP & LP filters in the sidechain to reduce or increase response of High/Low frequencies			
MIX	Switch between the default "Linear" and "Parallel" (each band includes dry/wet control) modes			
OUTPUT GAIN	Controls the gain level of the processed (wet) signal			
ACTIVE FX	Switches the effect between Active and Soft-Bypass modes. Variation of effect bypass with fade in and fade out that excludes loud peaks when you enable or disable the effect			

REAR PANEL



AUDIO INPUT/OUTPUT, SIDECCHAIN INPUT:
Mono or Stereo connections for audio signal input and output.
SIDECCHAIN INPUT: Connect sidechain signal to this input and set Sidechain to ON from the front panel.



CV INPUTS
Use these CV inputs to control the main parameters with external CV source curves

SIGNAL ROUTING ICONS

This is a true stereo device



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Reason Studios Add-on Shop



Turn2on

Rack Extension Developer

contacts: <https://turn2on.com/>
support@turn2on.com

Thanks to all beta-testers



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This allows us to develop future interesting and creative effects / utilities / instruments in the Rack Extension format.



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