

SERIAL #

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* 9V DC Positive Sleeve Negative Tip (~70mA)



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Squish As Compressor

OUTPUT

Makeup gain for the compressed signal. Ranges -20dB to +20dB. Does not effect dry signal.

RATIO

Ranges 1:1 (no compression) to ∞ :1 (limiting). Noon is a 4:1 ratio.

TRANSFER CHARACTERISTICS

| OVER THRESHOLD | 2:1 | 4:1 | 20:1 |
|----------------|--------|--------|---------|
| 3dB | -1.5dB | -2.3dB | -2.9dB |
| 6dB | -3dB | -4.5dB | -5.7dB |
| 12dB | -6dB | -9dB | -11.4dB |
| 24dB | -12dB | -18dB | -22.8dB |

SENSITIVITY

Just a Threshold control, but rebranded to be guitarist friendly. Ranges -6.3dBu to -46.3dBu to accomodate a variety of input signals including bass guitar, high output pedals (up to +12dBu), and synthesiser. Signals below the threshold are not compressed.

ATTACK

Attack is programme dependent, meaning it is automatically set to a very musical rate based on the player's input. Put simply More Squish = Faster Attack.

-3dB \approx 42mS | -6dB \approx 20mS | -10dB \approx 15mS | -20dB \approx 5mS

RELEASE

The Release will always be slow relative to the Attack, at a fixed rate of 8mS/dB. Some useful rules of thumb for Release are:

3dB \approx 24mS | 6dB \approx 48mS | 10dB \approx 80mS | 20dB \approx 160mS

BLEND

CCW for DRY, CW for WET. Dry signal is unity gain with the compressed signal when no compression or makeup gain is applied. Add depth to your tone with parallel compression by setting the RATIO high and mixing in some dry signal.

tone

A Tilt-style EQ centred at 900Hz. Does not effect the dry signal.

WHERE TO START

Most people like to set the SENSITIVITY so that it only compresses the peaks and does not disturb the delicate genius. Set the RATIO to maximum and the SENSITIVITY so that the VU metre only lights up when you play loudly. Increasing the SENSITIVITY past this point will compress more of your playing.

Set the RATIO to below noon for **transparency**, or above noon for **depth**, set the OUTPUT to makeup for the gain reduction. Set BLEND and TONE to taste.