DSM HUMBOLDT ELECTRONICS

CLEARCOMP

1078

Dynamic Threshold Compressor

INSPIRED BY STUDIO COMP/ LIMITERS, BUT AT YOUR FEET

A BRAND NEW TOPOLOGY TO GUARANTEE BOTH: TRANSPARENCY AND LOW NOISE

DSM & Humboldt Electronics proudly presents the new ClearComp Compressor.

The ClearComp is a super transparent compressor with a unique Dynamic Threshold topology engineered and developed by DSM & Humboldt. Most compressors dynamically reduce the gain progressively as the level rises above the threshold. Our DT Topology dynamically modifies the threshold with a fixed gain reduction, achieving a natural and transparent compression effect with a lower noise floor, less coloring and higher dynamic range.

A multicolor 5-stage LED bargraph is featured to visualize the resulting envelope level in real time.

The ClearComp feature a full set of controls:

Compression: Controls the input gain of the compressor, hence, the resulting overall compression.

Ratio: Adjusts the gain reduction ratio, from slight compression (1:2) to full limiting (1:20).
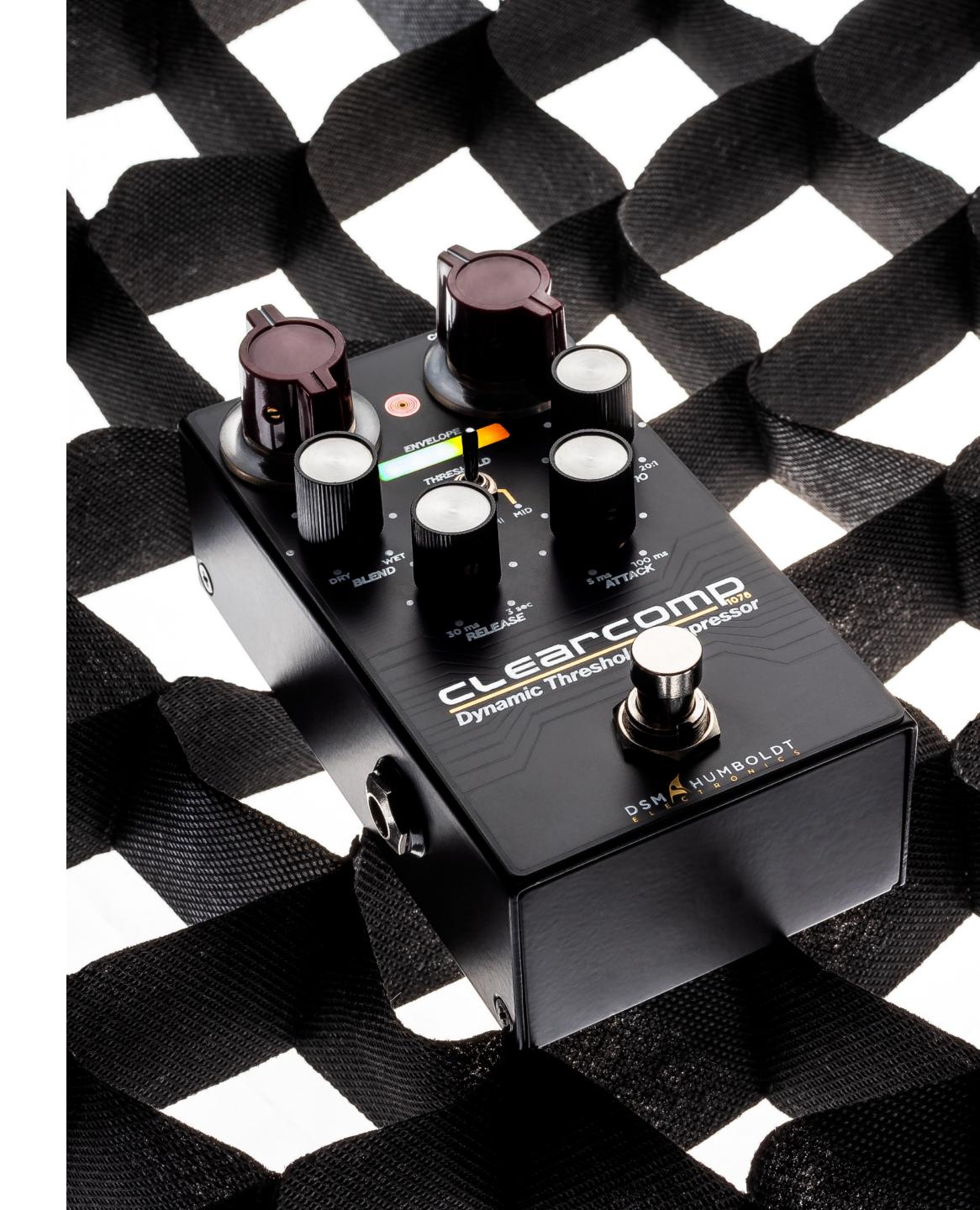
Attack: Controls the attack time, from 5ms for snappy slaps to 100ms for a more natural feel.

Release: Adjusts the length of time the gain reduction is applied, from 30ms to 3s.

Blend: Blends the compressed signal with the unaffected input signal.

Level: Sets the output level of the compressor.

Threshold switch: 3 position switch that sets the starting point of the dynamic threshold on either HI MID or LOW. depending on the output level of the instrument being connected, select HI for high power pickups or active instruments, MID for regular output guitar and basses, and LOW for low output instruments, like vintage single coils.

Power requirements:

9V to 18V, 100mA Regulated, center negative DC power supply (not included)

Size:
120mm(L)x57mm(H)x65mm(w)

Weight: 380gr