

DSM HUMBOLDT SUBATOMIC

X-OVER CMOS BASS PREAMP

DSM HUMBOLDT proudly presents the SUBATOMIC x-over cmos bass preamp.

The Subatomic preamp is an all analog 2 channel preamp designed to bring the most brutal bass tones. Cascading CMOS stages with parallel processing for natural low frequencies makes it an effective tool for playing distorted bass tones with definition and full bodied response.

The clean channel brings the subtle compression and tube-like response of Cmos stages to warm up your tone, and the Subatomic drive channel has a very aggressive distortion with a clean blend. Both channels share the 3 band passive EQ to get the most ample range of tones out of this versatile device.

But that's not all. We included an XLR DI out with switchable analog cabinet simulation of a huge 8x10 fridge and an FX loop, so you won't need an external DI box when using post-drive effects.

Main features:

- 2 channel preamp "clean" and "Subatomic"
- Clean Channel with Gain and Tone
- Subatomic Channel with Gain, Voicing Switch, Sub Blend, Sub Low pass filter switch (Off, 100Hz, 500Hz) and Level.
- 3 Band EQ with 80Hz, 500Hz and 2kHz
- The best analog 8x10 cabinet simulation with
- Effects loop before the output.
- XLR balanced Output with optional analog cabinet simulator
- Bypass soft footswitch
- Channel soft footswitch

Controls:

Clean Channel:

- CLEAN GAIN: Adjusts the volume of the clean channel. Set it to taste to match the Subatomic volume level.
- CLEAN TONE: Adjust the tone of the clean channel. It works as a tilt tone control. At noon it is flat, Clockwise, it adds treble and cuts bass, and counterclockwise, it adds bass and cuts treble.

Subatomic Channel.

- VOICE SWITCH: This switch changes the voicing before the distortion stages:
 - FLAT: flat voicing, not cuts or boosts. Full bodied, fuzzy distortion.
 - TREBLE BOOST: Defined attack and clanky articulation. Excellent for high gain djenty bass work.
 - MID BOOST: Creamy and focused, not as boomy as the flat setting, and not as bright as the treble boost setting.
- GAIN KNOB: Controls the CMOS distortion level.
- SUB BLEND KNOB: Controls the blend of clean sub and overdriven tones. At zero, it is fully clean, at 10 is at full distorted tone.
- LPF SWITCH: Selects the low pass filter for the sub clean sound. 100Hz will only let the sub lows pass, 500Hz lows and some low mids, and at Off, is the original bass tone.
- VOLUME KNOB: Controls the volume level of the subatomic section

Master EQ.

The 3-band EQ is shared by both channels

- BASS: Frequencies below 200Hz
- MID: Frequencies around 500Hz
- HI: Frequencies above 2kHz

Cabinet simulation:

The Subatomic features an 8x10 analog cabinet simulator. This simulation is only available on the XLR output and can be switched off.

Effects loop:

The effects loop is placed before the output. It is very practical if using the DI out and effects. This way, no external DI box is needed.