

DiBiQuadro



Saturn88R

USER MANUAL

Thanks for purchasing DiBiQuadro Saturn88R. This is the result of a meticulous engineering design and passion for perfection.

Please take your time to read carefully the content of this manual and the "DiBiQuadro - Amp Simulators Common Features" guide before using the plugin and the renderer.

Three Channels Excellence

Saturn88R captures the unmistakable tone, touch, and power of one of the most legendary rack preamps in rock and metal history. This three-channel powerhouse is built for players who demand pristine cleans, crushing rhythm tones, and searing leads, all within a single, meticulously engineered unit.

Clean Channel – Sparkling Precision

Pure, glassy cleans with remarkable headroom and a percussive attack that lets every note shine. Whether you're dialing in lush, ambient textures or tight, funky grooves, this channel delivers a crisp, full-bodied response that never gets lost in the mix.

Crunch Channel – Thick and Articulate

A beautifully voiced, mid-forward overdrive with tight lows and rich, harmonically complex mids. Perfect for everything from classic rock crunch to

biting blues leads, this channel brings the organic feel and dynamic punch that defines iconic rock tones.

Lead Channel – High-Gain Glory

Blistering saturation with rich harmonic overtones, fluid sustain, and a fierce, cutting edge that commands attention. This channel is voiced to deliver solos that slice through the mix with precision and authority, yet remain touch-sensitive and articulate.

Each channel has been tuned with an ear for authenticity, offering a vast tonal palette that covers everything from the warm, shimmering cleans of vintage tube circuits to the aggressive, high-gain fury that defined an era of rock and metal. With its flexible EQ and nuanced gain structure, the Saturn88R gives you the power to shape your sound with absolute control.

This isn't just a preamp – it's the core of your tone, designed for those who refuse to compromise.

GUI Controls

BRIGHT

One bright switch per channel, enhancing the high frequencies.

PREAMP

Controls the input gain and determines the saturation level of the preamp.

BASS, MID, TREBLE

These knobs shape the tone by adjusting the low, midrange, and high frequencies respectively.

OUTPUT

Regulates the overall output volume of the preamp. It is placed before the PWR/CAB section and can be used to feed a hotter signal into the PWR/CAB, adding a different character to the tone.

CLEAN/CRUNCH/LEAD

Buttons for selecting the desired channel.

Preamp Circuits

Clean

Schematic of the Clean channel, featuring a low-distortion, high-headroom design for a transparent and detailed sound.

Crunch

Schematic of the Crunch channel, optimized for dynamic response and progressive saturation, with a midrange emphasis for definition and character.

Lead

Schematic of the Lead channel, characterized by a multi-stage gain structure for powerful, harmonically rich distortion, with extended sustain and sharp attack.

NonLinearSolver

Tab to modify the preamp triodes characteristic. Please refer to the "DiBiQuadro - Amp Simulators Common Features" manual for more details.

For some ideas on how to tweak please refer to the following link:

<https://dibiquadroaudio.com/circuits-tips-tricks/>

Pwr/Cabs

Saturn88R comes with 25 selectable Pwr/Cabs:

Saturn88R_000_100W_5881

Saturn88R_001_100W_5881_60A_1_T75_57_A12C

Saturn88R_002_100W_5881_60A_1_T75_201_A12C

Saturn88R_003_100W_5881_60A_1_T75_421_A12C
Saturn88R_004_100W_5881_60A_4_T75_57_A12C
Saturn88R_005_100W_5881_60A_4_T75_201_A12C
Saturn88R_006_100W_5881_60A_4_T75_421_A12C
Saturn88R_007_100W_5881_60A_2_V30_57_A12C
Saturn88R_008_100W_5881_60A_2_V30_201_A12C
Saturn88R_009_100W_5881_60A_2_V30_421_A12C
Saturn88R_010_100W_5881_60A_3_V30_57_A12C_A
Saturn88R_011_100W_5881_60A_3_V30_201_A12C_A
Saturn88R_012_100W_5881_60A_3_V30_421_A12C_A
Saturn88R_013_100W_5881_60A_3_V30_57_A12C_B
Saturn88R_014_100W_5881_60A_3_V30_201_A12C_B
Saturn88R_015_100W_5881_60A_3_V30_421_A12C_B
Saturn88R_016_100W_5881_60B_1_M25_57_B73
Saturn88R_017_100W_5881_60B_1_M25_201_B73
Saturn88R_018_100W_5881_60B_1_M25_421_B73
Saturn88R_019_100W_5881_60B_3_M25_57_B73
Saturn88R_020_100W_5881_60B_3_M25_201_B73
Saturn88R_021_100W_5881_60B_3_M25_421_B73
Saturn88R_022_100W_5881_60B_2_H30_57_B73
Saturn88R_023_100W_5881_60B_2_H30_201_B73
Saturn88R_024_100W_5881_60B_2_H30_421_B73

The power amp is 100Watt with 4x5881 tubes.

Two cabinets are available: a slanted 60A loaded with T75 and V30 speakers and a straight 60B loaded with M25 and H30 speakers. A sequential number from 1 to 4 indicates which speaker has been sampled: 1 and 2 are the top left and right while 3 and 4 the bottom left and right respectively.

Two hi-end mic preamps were used: A12C and B73 are two top notch preamplifiers that set the standard for both vintage and modern recordings.

DiBiQuadro Audio S.r.l.s.

P.IVA: 09771000966

Address: Via Amendola 18, 26815
Massalengo (LO), ITALY

