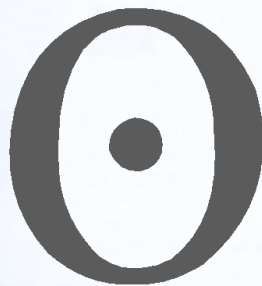


# DiBiQuadro



SunSE

USER MANUAL

Thanks for purchasing DiBiQuadro SunSE. 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.

## No Mercy, just Tone

SunSE is the software emulation of an incredible single-channel high-gain amplifier, built around a finely tuned plexi-style output section paired with an aggressive overdrive-mod preamp. It delivers everything from muscular British crunch to chest-pounding high gain, with tight, well-defined low end that holds up even in drop tunings — all from a single gain knob.

The control set (Presence, Depth, Bass, Middle, Treble, Gain) offers precise voicing: mids scooped for modern high-gain and metal tones, or pushed forward for classic rock punch. Despite the aggressive gain range, the response stays articulate and dynamic, never collapsing into mush — a studio-ready recreation of a hand-wired boutique tone.

Just plug in, turn the Gain, and make it roar.

## GUI Controls

### GAIN

Pushes the circuit harder, delivering the natural tube saturation and rich harmonic distortion of a great tube amp.

### BASS, MID, TREBLE

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

### LEVEL

Controls the level at which the Pwr/Cab section is driven.

## Preamp Circuits

One single-channel circuit is available.

The schematic is divided into four blocks, plus the tone stack. The first four blocks represent the gain stages, including the triodes and gain control, while the tone stack allows you to adjust the Bass, Mid, Treble, and Level controls.

As in the real amp, Depth and Presence are part of the final stage. Their characteristics depend on the selected Pwr/Cab.

## 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

SunSE comes with 34 Pwr/Cabs:

SunSE\_000\_100W\_EL34  
SunSE\_001\_100W\_EL34\_60A\_1\_T75\_57\_B73  
SunSE\_002\_100W\_EL34\_60A\_1\_T75\_201\_B73  
SunSE\_003\_100W\_EL34\_60A\_1\_T75\_421\_B73  
SunSE\_004\_100W\_EL34\_60A\_4\_T75\_57\_B73  
SunSE\_005\_100W\_EL34\_60A\_4\_T75\_201\_B73  
SunSE\_006\_100W\_EL34\_60A\_4\_T75\_421\_B73  
SunSE\_007\_100W\_EL34\_60A\_2\_V30\_57\_B73  
SunSE\_008\_100W\_EL34\_60A\_2\_V30\_201\_B73  
SunSE\_009\_100W\_EL34\_60A\_2\_V30\_421\_B73  
SunSE\_010\_100W\_EL34\_60A\_3\_V30\_57\_B73\_A  
SunSE\_011\_100W\_EL34\_60A\_3\_V30\_201\_B73\_A  
SunSE\_012\_100W\_EL34\_60A\_3\_V30\_421\_B73\_A  
SunSE\_013\_100W\_EL34\_60A\_3\_V30\_57\_B73\_B  
SunSE\_014\_100W\_EL34\_60A\_3\_V30\_201\_B73\_B  
SunSE\_015\_100W\_EL34\_60A\_3\_V30\_421\_B73\_B  
SunSE\_016\_100W\_EL34\_60B\_1\_M25\_57\_B73  
SunSE\_017\_100W\_EL34\_60B\_1\_M25\_201\_B73  
SunSE\_018\_100W\_EL34\_60B\_1\_M25\_421\_B73  
SunSE\_019\_100W\_EL34\_60B\_3\_M25\_57\_B73  
SunSE\_020\_100W\_EL34\_60B\_3\_M25\_201\_B73  
SunSE\_021\_100W\_EL34\_60B\_3\_M25\_421\_B73  
SunSE\_022\_100W\_EL34\_60B\_2\_H30\_57\_B73  
SunSE\_023\_100W\_EL34\_60B\_2\_H30\_201\_B73  
SunSE\_024\_100W\_EL34\_60B\_2\_H30\_421\_B73  
SunSE\_031\_100W\_EL34\_60AV\_1\_MV\_57\_B73  
SunSE\_032\_100W\_EL34\_60AV\_1\_MV\_201\_B73

SunSE\_033\_100W\_EL34\_60AV\_1\_MV\_421\_B73  
SunSE\_034\_100W\_EL34\_60AV\_2\_MV\_57\_B73  
SunSE\_035\_100W\_EL34\_60AV\_2\_MV\_201\_B73  
SunSE\_036\_100W\_EL34\_60AV\_2\_MV\_421\_B73  
SunSE\_037\_100W\_EL34\_60AV\_4\_MV\_57\_B73  
SunSE\_038\_100W\_EL34\_60AV\_4\_MV\_201\_B73  
SunSE\_039\_100W\_EL34\_60AV\_4\_MV\_421\_B73  
SunSE\_033\_100W\_EL34\_60AV\_1\_MV\_421\_B73  
SunSE\_034\_100W\_EL34\_60AV\_2\_MV\_57\_B73  
SunSE\_035\_100W\_EL34\_60AV\_2\_MV\_201\_B73  
SunSE\_036\_100W\_EL34\_60AV\_2\_MV\_421\_B73  
SunSE\_037\_100W\_EL34\_60AV\_4\_MV\_57\_B73  
SunSE\_038\_100W\_EL34\_60AV\_4\_MV\_201\_B73  
SunSE\_039\_100W\_EL34\_60AV\_4\_MV\_421\_B73

Three cabinets are available: a slanted 60A loaded with T75 and V30 speakers, a straight 60B loaded with M25s and H30s, and a slanted 60AV loaded with MarsVintage speakers. A sequential number from 1 to 4 indicates which speaker has been sampled: 1 and 2 refer to the top left and right, while 3 and 4 refer to the bottom left and right, respectively. The first Pwr/Cab is the non-linear sampling of the power amp without cabinet/mic.

A high-end B73 mic preamp was used. The B73 is a top-notch, dual-channel preamplifier that sets the standard for both vintage and modern recordings.

All samples were captured using mastering-grade converters.

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