

Feature Details

AMPS



GUITAR RIG 4 PRO offers an outstanding selection of amps. New additions to the amp arsenal are the Hot Plex and Jump models.

CONTROL ROOM



The Control Room is a major leap in fusing recording techniques of professional analogue studios with the versatility and convenience of GUITAR RIG. Choose among five outstanding guitar cabinets, and you are offered up to 8 classic microphones to create a unique blend of tonal characteristics – perfect custom tone!

The modeled setup is the outcome of decades of guitar recording experience: Each cabinet is paired with perfectly chosen and positioned microphones which are all in phase, so you can mix them as you please.

They offer a large variety of tonal colors and are an invitation to experiment! Be sure to check out the Component Presets, as they offer some decent classic tones which you can use as a starting point.

Controls

The mixing console offers 6-8 channel strips, each consisting of the same set of controls:

- The **Headline** gives an indication of the type of microphone used.
- The **L/R** knob controls the panning of this microphone's signal, i.e. the position in the stereo panorama.
- The **Fader** controls the volume of this channel, all Faders together determine the mix.
- **M(ute)** and **S(olo)** are standard controls of a mixing desk. **M** mutes the according channel, **S** mutes all others to hear it solo.

The Control Room offers some master controls to shape the sum of all the signals:

- **Air** controls the level of early reflections picked up by the mic, simulating the response of the room.
- **Bass** boosts or cuts the level of the lower frequencies.
- **Treble** boosts or cuts the level of the higher frequencies.

EFFECTS

48 classic and modern guitar effects including 4 new time time-based effects are at your disposal: Phaser, chorus, distortion, reverb, delay, wahwah, EQs, compressor, tremolo, octaver, rotator, limiter and noise gate.





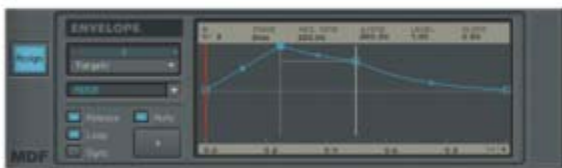
MODIFIERS

Users of synthesizers know modifiers as "modulators". For the first time, this feature is now available for guitars: GUITAR RIG's modifiers can automatically animate any sound parameter thus generating especially vivid sounds with a live feel. Strum a chord and use the modifier to add rhythmic filter or distortion effect while staying perfectly in sync – the possibilities are virtually endless!

GUITAR RIG 3 OFFERS THE FOLLOWING MODIFIERS:



LFO (low frequency oscillator) with five waveforms – for continuous or arbitrary modulation



Multi-step envelope – for "drawing" the sound progression (as in FM8, KONTAKT 3)



Step Sequencer - 16 on/off steps for "hard" triggering of sound parameters



Analog Sequencer - 16 adjustable steps for variable triggering of sound parameters



Input Level – an envelope follower scanning the volume of the input signal and transforming it into a control signal, e.g. the louder you play, the more distortion you get.

All modifiers can be assigned to any parameter, they can even control several parameters at once or be used in multiple instances in the rack – a paradise for sonic experiments

CABINETS & MICS

No amp setup is complete without a cabinet – it acts as a dynamic filter giving the amp's tone its essential final touch. In GUITAR RIG 4, the potential is staggering: 23 premium guitar and bass cabinets, complemented by nine fully adjustable high-end microphones and four rotary speakers complete the ultimate guitar studio.

GUITAR RIG 4 now offers 3 ways to get perfectly mic'ed:

TAKE IT FROM A PRO!



The **Control Room** features 5 classic cabinets picked up by 6-8 legendary microphones, each perfectly in phase! They have been painstakingly positioned by studio legend Peter Weihe, delivering pure ear candy and endless facets of sound for you to mix.

TRIED, TRUE & EASY



When adding any amp to your rack, it will automatically be provided with a **Matched Cabinet**, which creates a setup we feel to be a good match. The Matched Cabinet module offers two different mic'ings possibilities that have been defined by sound specialists, as well as a harmonized speaker setup for every single amp. It's easy to use yet super-flexible, providing you with classic sounds in seconds. You can blend between two different microphones with different characteristics and define the air level of the microphone. Customize your guitar sound within seconds without having to become a professional audio engineer!

GET YOUR HANDS DIRTY!



For the audio adventurer seeking to go beyond what is possible with analog gear, GUITAR RIG 4 PRO offers more sonic variety than ever before: The **Cabinets & Mics** module allows you to combine any cabinet type with any microphone and to tweak EQ, the position of the mic and the amount of "room" it picks up. Moreover, it allows you to set up parallel recording chains: Click on the small Add button to add as many independent signal paths as you like, with the same set of options and controls. This component models the standard guitar amp recording chain: cabinet, mic and mic position. Here you've got 17 guitar and 6 bass cabinets, nine microphones each with four to five mic positions at your disposal – all freely combinable. Why settle for mic'ing one or two cabinets when you can create a wall of sound!

BUILD YOUR INDIVIDUAL RIG



GUITAR RIG 4 lets you create your dream setup within minutes: just drag and drop your desired amps, cabinets and effects and you're good to go. Hot-swap individual components and save "your" setting for any component, just drag it into place – readily configured.

GUITAR RIG 4 is fun right from the start! You don't have to tweak knobs or "cable" components together to find a perfect guitar sound: more than 250 presets, programmed by professional guitarists and bass players, offer instant tone satisfaction! Plus, you can download many more exclusive presets by famous GUITAR RIG 4 users.

MORE THAN 250 PRESETS



The enormous preset palette brings you an endless range of guitar and bass sounds and setups, from clean to crunch to hi-gain:

Every guitar and bass amp comes with a number of common and well-balanced setups to choose from. You can also choose your sounds sorted by popular genres from classic rock to pop and metal...

The options continue with presets that pay homage to legendary guitarists and famous studio productions.

In addition you'll find a bass bank with electric bass presets, an "experimental" FX bank, and presets designed for use with other instruments such as drums and synths.

OPTIMIZED SEARCH FUNCTION



Impossible with hardware amps and effects, not so with GUITAR RIG 4: Save the components and settings in your virtual rack as a preset and recall the setup anytime in a matter of seconds.

To keep better track of your presets you can save information with the preset name like style, author, sonic character, date and comments.

With the high-performance search function you can find any preset within seconds - and that's not all:

Create as many banks and presets as you like, change the order so you can recall them in sequence with the foot controller, copy presets, and much more. Never before has working with guitar sounds been faster, simpler and more efficient. With GUITAR RIG 4, banks can be arranged in new main categories, to allow even more effective and intuitive sound management

LOOP MACHINE



The Loop Machine is another unrivaled feature of GUITAR RIG that you will not find in any comparable product. This efficient tool allows you to record, layer, loop and playback riffs, licks, grooves and bass lines enabling the creation of dense guitar and bass patterns or to accompany yourself on-the-fly. Loops can be synchronized to the tempo of your host application (sequencer) or to a metronome.

An example for practical use: First, you play four bars of rhythm guitar, after that you play a lead guitar, then some additional harmonies/chords and then some rhythmic slides etc...

The Loop Machine connects the best features of renowned originals with many new features. The loop duration is only limited by the size of your hard disc – theoretically you can layer loops for hours. A total of **up to 99 phrases** is possible.

Other powerful features

You can export the complete recording as well as every single individual layer - for using the best licks only or for re-arrangement in a sequencer for example.

With Loop Machine's multiple undo feature poorly played licks can be erased. Additionally, you can layer a longer loop on top of a shorter one, an eight-bar solo guitar on top of a four-bar lick for example.

Of course, the start and overdub buttons (and other parameters) can be controlled with the foot-controller – to keep your hands free for playing.

TAPEDECKS



GUITAR RIG 3 is ideal for sessions, practicing, and sketching song ideas! This is made possible through integrated, high-performance tape decks with time stretching, pitch shifting and a convenient loop function.

Different uses for the tape decks:

- Sketching song ideas: Simply record your guitar playing (as wav file) to the hard drive, so no idea gets forgotten.
- Accompany yourself: Play a few licks and riffs, loop a passage, and then play a solo over it!
- Play to loops and backings: Load a drum or instrument loop (for example guitar, bass, keyboard, complete play-along tracks, etc.) and play over that. You can even change the tempo and pitch independently of one another, which works great for pitching up a guitar lick while reducing its tempo at the same time! So you can get right to it, there's a wide selection of play-along loops included (see below).
- Practice licks, phrases, and solos: With the integrated tape decks you can do more than accompaniments: each loop can be played back faster or slower and pitched independently of tempo: load a difficult guitar solo and simply play it back slower (at the same pitch!) or put it in another key (with the same tempo!).

Tapedeck One allows for pitch correction of +/- 12 semi tones and independent tempo correction of +/- 50%. Play along your backing tracks in any pitch and tempo you desire!

Samples and Loops Included

You can play to accompaniments and drum loops right away, since GUITAR RIG 3 includes around 150 MB of sample loops for use in the tape decks. The loops cover the categories "Backing Tracks", "Bass Loops", "Drum Loops", "Guitar Loops", "Keyboard Loops", "Synth Loops", and "Vocal Samples". Plus you can load and play back other loops in MP3, WAV, and AIFF format up to 16-bit resolution (for example sample CDs, etc).