



FOR ALL THE VOICES IN YOUR HEAD



## **Antares Audio Technologies Auto-Tune for Guitar Fact Sheet**

### **What Is It?**

Incorporating world-renowned Auto-Tune pitch detection and manipulation along with Antares' proprietary modeling technologies, Auto-Tune for Guitar is an entirely DSP-based suite of functions that offer everything guitarists have always wanted from their guitars, along with capabilities never imagined possible. From flawless intonation to astonishing tonal flexibility to alternate tunings that open up entirely new areas of inspiration and creativity, Auto-Tune for Guitar technology seriously expands the flexibility and range of the electric guitar while letting players continue to leverage their hard-won traditional technique.

### **So What's it Do?**

The Auto-Tune for Guitar offers a variety of functions that seriously enhance the playability and capabilities of the electric guitar. They include:

#### **The Solid-Tune™ Intonation System**

The Auto-Tune for Guitar's Solid-Tune Intonation system addresses the eternal challenge of maintaining perfect intonation as a guitarist moves up and down the neck and fingers complex chords.

Less-than-perfect intonation muddies a guitar's tone. But by using the Auto-Tune for Guitar's Solid-Tune™ Intonation system, an Auto-Tune for Guitar equipped guitar constantly monitors the precise pitch of each individual string and makes any corrections necessary to ensure that every note of every chord and riff is always in tune, regardless of variables like finger position or pressure. As a result, listening to a guitar with Solid-Tune is a revelation, offering a purity of tone that has simply never before been possible.

Additionally, Solid-Tune™ is smart enough to know when players intend to manipulate pitch, so they can play bends and vibrato exactly as they always have. Solid-Tune Intonation even makes it easier to bend to the right pitch every time.

## **Instant String Tuning**

With an Auto-Tune for Guitar equipped guitar, you can tune all six strings instantly with the push of a button (no motors or gears required). Simply strum the strings, trigger String Tuning via a button or foot switch, and your guitar is instantly in tune.

## **Non-Standard Tunings**

Using Auto-Tune's proprietary pitch detection and extremely high-quality pitch shifting, Auto-Tune for Guitar lets you quickly select from among popular alternative tunings as well as dramatic new tunings that would be physically impossible without Auto-Tune for Guitar. (You can also create your own arbitrary tunings.)

Examples include:

- Drop D
- Double drop D
- Open D
- Open G
- Open A
- DADGAD
- Bass guitar
- Bass/standard split (bottom string shifted an octave down)
- Octaver
- Twelve string
- Seven string (A0 doubled on lowest string)

## **Virtual Capo**

Auto-Tune for Guitar provides a virtual capo that allows you to shift pitch both up *and* down a full octave so you can play in any key or range. This allows players to play open chords in different keys at their traditional positions down at the bottom of the neck. (Imagine playing 12th fret hammer ons and pull offs in the open position, or switching to baritone guitar, bass, or even sub-bass, with the push of a button.)

## **Guitar and Pickup Modeling and Tone Control**

With Auto-Tune for Guitar's guitar and pickup modeling, you have a virtually unlimited variety of classic and modern tones at your fingertips. Antares' proprietary modeling technology lets you select a guitar/pickup combo and then select from the pickup configurations that would be available on the original guitar.

The Auto-Tune for Guitar also offers a tone control that can boost or cut the modeled pickups' frequency response, dramatically changing the sound of any guitar and pickup model.

## **Pitch Shifting**

The Auto-Tune for Guitar's real-time pitch shifting lets you use a pedal (or other MIDI controller) to shift the guitar's pitch up to an octave up or down. You can also limit the range to plus and minus a whole tone for pedal-controlled vibrato or bending effects.

## **MIDI**

The Auto-Tune for Guitar's MIDI interface allows every parameter of every function to be controlled by standard MIDI continuous controller messages as well as selecting presets via MIDI program change messages. This opens up the possibility of control by MIDI foot controllers, programmable control surfaces, iPhones or iPads, computers, or, in fact, any source of MIDI.

**Please note:** Auto-Tune for Guitar is an ongoing technology development project. Specifications and capabilities are subject to change.

## **Antares Audio Technologies**

Antares Audio Technologies is the worldwide leader in the development of unique vocal processing tools. Having revolutionized vocal production with the ground-breaking Auto-Tune pitch correction technology, Antares is committed to providing producers, engineers, sound designers and musicians with powerful, innovative, easy-to-use tools for enhancing and manipulating the human voice. Now, with the introduction of its revolutionary Auto-Tune for Guitar technology, Antares is profoundly expanding the flexibility and creative potential of the electric guitar.

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