



A Revolutionary Breakthrough in Guitar Necks

- **Significantly Lower String Height/Action**
- **Freedom from Fret Rattle**
- **Increased Sustain and Resonance**
- **Effortless, Unlimited Bends—Without Fretting Out**

At some point, it hit us: guitars and other fretted instruments have been relying on a fundamentally flawed system of fretboard and fret radii. Traditional single-radius and even common compound-radius necks require significant relief and higher-than-desired action to compensate—for string clearance, bending, and reducing fret buzz. It's functional, but far from optimal.

We found a better way:

Using the same math that determines fret spacing (commonly called “The Rule of 18” —where each fret is 1/18th closer than the last), we applied this principle to fretboard radius. The result? A radically progressive radius, where every fret is 1/18th *flatter* than the one before it. This means that every position you place your fingers, the position one step above has built-in clearance. This clearance is normally achieved through neck relief and high action. The Nautilus neck does this by the radical new design.

The outcome is game-changing:

Our patented Nautilus Neck design requires little to no neck relief. Action can be set incredibly low, bending is easier and virtually unlimited thanks to mathematically optimized fret clearance

A note about setups:

This guitar neck might require a setup tailored to your playing style as factors like how hard you play, your gain settings, and your preferred string gauge can affect the feel and performance.

To accommodate different preferences, we ship the neck with a slightly higher nut and action than my preferred personal setup. This gives you a more balanced starting point, allowing room for minor adjustments to achieve your sweet spot. Some players keep the factory setup, enjoying the immediate improvement in playability. Others fine-tune it further, setting the relief to dead straight and lowering the action. I encourage you to find what works best for you.

On my own guitars I cut the nut very low and set the action with a slight acoustic fret rattle for optimal playability.

Enjoy! BN

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