



## NEWS UPDATE

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### **CHANDLER LIMITED INTRODUCES GAV19T GUITAR AMPLIFIER**

*All-tube design delivers fat vintage tone recording guitarists crave*

**Shell Rock, IA – Booth# 6254, Hall A ...** Chandler Limited, recognized globally for signal processing and related music and audio products that deliver the classic analog warmth recording and performing professional musicians seek, is pleased to introduce the GAV19T Guitar Amplifier. As a cathode biased, class A, all-tube, 19-watt guitar amp designed in the vein of classic English amplifiers, the GAV19T delivers a big, vintage sound—making this amplifier head the perfect choice for recording guitarists. Chandler Limited will also offer guitarists a selection of loudspeaker enclosures optimized for use with the GAV19T Guitar Amplifier.

Of particular note, the new GAV19T Guitar Amplifier incorporates its overdrive and tone circuitry directly within the power section. This design enables the GAV19T to be highly overdriven while still maintaining the amplifier's classic tone.

The drive portion of the GAV19T is a boost / overdrive circuit that works only on the power section of the amplifier. As is widely recognized among guitarists, power section distortion is a pleasing type of distortion. As a result, instead of adding preamp gain and distortion to achieve the overdrive effect, the GAV19T uses the power amp. The Drive has two controls: (1) the amount of boost, and (2) the tone of the boost. Guitarists can choose four selections or bypass. The tone selections are:

1. Treble Boost - as a guitarist would expect, from a treble boost pedal.
2. Full range - full frequency boost, but with the very low frequencies filtered out.
3. Aggressive - drives a wide frequency range with an emphasis on the upper midrange.
4. Mids - drives the entire circuit, with an emphasis on the lower midrange.

Equally notable, Tone can be selected as either Normal or Intense. This is achieved by a slight unbalance in the matching of GAV19T's push-pull power section. This removes some low mids and also makes the tone more aggressive by adding some 'grit' and attack to the sound.

The tone control section of the new GAV19T Guitar Amplifier has a Baxendall tone stack that uses an ECC803 tube. Baxendall was chosen because it best preserves the natural tone of the amplifier. This section is set up to function much as a treble boost pedal might be. The boost is considerable and the range is wide. It can be used to smoothly drive the amp and color the tone.

The GAV19T's Bias control affects only the bias of the preamp tube—enabling the guitarist to gently tweak its overall tone independently of the power section. This enables the tube to run hotter or colder and change the responsiveness of the amp while also affecting the sustain and frequency response.



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Setting #1 is slightly over-biased while setting #2 is similar to a Marshall bias. Setting #3 is similar to a Selmer and settings #4 and 5 are under-biased and add sustain and character to the amp's sound.

Chandler Limited owner and chief product designer Wade Goeke commented on the company's latest product offering. "We are very pleased to introduce the GAV19T Guitar Amplifier," states Goeke. "In addition to the input we've received from various guitarists, this product's overall design draws upon the experience we've gained over the years from our signal processing offerings. With a Tone toggle that switches the amp into lead mode, the GAV19T allows the guitarist to change the bias of the gain stage for different character, as well as use the intensity switch to add sustain and grit. Since the drive controls function in the power amp section only, one is able to create distortion that never sounds weak or muddy. Further, the tone control is a Baxendall-style EQ, which functions like a treble booster pedal that can be used to add sustain and presence. In short, this amp is similar to many Chandler Limited products—it's full of fat, vintage tone!"

The Chandler Limited GAV19T Guitar Amplifier carries a MSRP of \$2,385.00. The product is expected to become available mid-January. The optionally available Chandler Limited loudspeaker enclosures are manufactured on a made-to-order basis—enabling guitarists to create a system that is best suited for their particular musical applications. For additional information, please contact the company.

### **About Chandler Limited**

Headquartered in Shell Rock, Iowa, Chandler Limited, Inc. is a boutique manufacturer of high-end signal processors, mixers, and amplifiers for musicians and audio professionals. Recognized globally for its exquisitely handmade products and the company's high profile clientele, Chandler's product offerings include the Abbey Road/TG line, its unique Germanium transistor series of products, the 500 Series Modules, plus its recently introduced guitar pedals and amplifier. For additional information about all Chandler Limited products, please visit the company online at [www.chandlerlimited.com](http://www.chandlerlimited.com).

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Control click [here](#) for a hi-res image of the Chandler GAV19T Guitar Amplifier.  
([http://mountaincrest.net/Chandler\\_Images/Chandler\\_GAV19T\\_Hi.jpg](http://mountaincrest.net/Chandler_Images/Chandler_GAV19T_Hi.jpg))