est. 1991 GENESIS ADVANCED TECHNOLOGIES

Musician

Since its launch in 2007, the **G**enesis **R**eference **Amp**lifier – or GRAmp – has received numerous awards and accolades. Our favorite has been *"the GR-Amp challenges the status quo of music amplifiers by marrying the advantages of tube (emotion, imaging, soundstage, and portrayal of tonal colors) with solid state (control, dynamics and accuracy)"* from Ernie Fisher (The Inner Ear).

As a reference amplifier for loudspeaker development, our music-loving designers had to spend hours listening daily and not be fatigued. It had to be effortless, musical, and a pleasure to listen to, "delivering on the deepest emotional chords of the music."

The GRAmp set the benchmark and established Class D as a *musical* amplification class even for tube lovers and Class A amplifier lovers. Throughout the generations of the GRAmp, we stubbornly stuck to modifying the original Class D amplifier module we used from 2005. Newer generations of modules focused on lower measured distortion and higher efficiency. Our designers all felt that high feedback drained the "emotional chords" of music and made the amplifier fatiguing to listen to.

The Musician is the first product using the next generation of Class D amplifier modules based on the Silicon Carbide Field Effect Transistors (SiCFET). By lowering feedback and sacrificing a little efficiency, we were able to design a Class D amplifier with all the musical reproduction benefits of Class A and Single Ended Triodes (with zero dead time).

The Genesis Musician runs warmer than typical Class D, however, maintains distortion below 0.003% throughout its listening range from 0.1W to 500W. Instead of designing and measuring against a resistive load, we used a simulated loudspeaker load. In listening tests, the Genesis Musician was benchmarked against the best amplifiers available irrespective of price, driving some of the most challenging loudspeakers available.

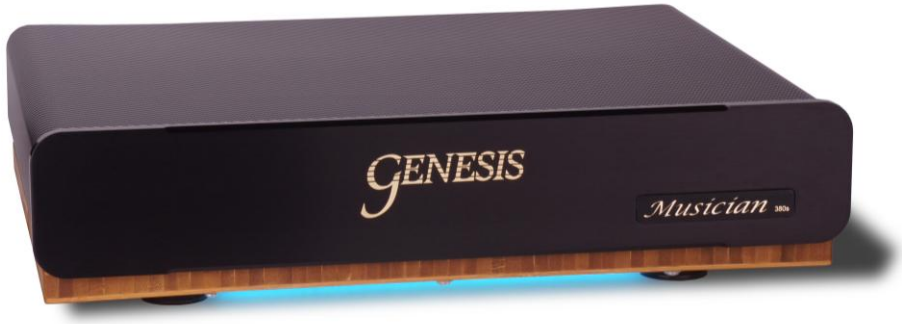
As loudspeaker designers, the Genesis Musician is as close to The Perfect Amplifier as we can imagine.

SPECIFICATIONS

Genesis Advanced Technologies Reference Amplifier

Frequency Response	10Hz to 50kHz +0db/-3dB
Power Bandwidth	18Hz to 40kHz
Output Power @ 4 ohm <0.1% THD+N	600 watts
Input Impedance (balanced)	100k Ohm
Damping @ 4 ohm	2,000 min
Peak Output Current	limited to 26 amps after 40ms
Inputs	XLR/RCA
Outputs	Genesis 5-way Binding Posts
Dimensions & Weights	
	18.5" W x 5" H x 14" D, 28lb 470mm x 123mm x 356mm, 13kg

*Specifications ***may*** change without notice



Prototype

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