

# Genesis G-928

## Servo-Subwoofer

*Where Brute Force Meets Finesse*

The Genesis G-928 Servo-Subwoofer, an innovative but logical outgrowth of the company's "groundbreaking" G-900, combines prodigious output capability, unparalleled delicacy, and articulation in an enclosure small enough to be virtually invisible in even the most austere furnished room.

### **Technology in the Service of Sound**

The G-928 benefits from several refined technologies: servo-controlled, metal cone drivers and efficient, hyper-linear switching (Class D) amplification – to accurately and instantaneously reproduce the subtleties of a bowed double bass or the shuddering footfalls of an angry T-Rex.



### **Weight, Inertia, and Clarity**

In contrast to the comparatively heavy and "lossy" materials used in almost all other woofer cones, the G-928's dual 12" drivers are made of lightweight yet inherently stiff metal. Thanks in part to massive magnet structures and long-throw voice coil assemblies, these precisely contoured cones are free of the transient-blurring artifacts imposed by lesser materials. With greater radiating area than even a 15" driver, the dual 12" cones respond instantly to input signals to reveal details often obscured by heavier, less responsive designs. Also, they can deliver surprisingly substantial volume levels when needed.

### **The Servo Advantage**

The G-928 adds the latest iteration of a technology refined by Genesis and long acknowledged by critical listeners as essential to accurate bass reproduction, Servo-control.

A precise yet lightweight accelerometer on each driver continuously monitors motion and sends a signal to high speed circuitry that compares actual cone movement to the input signal. The comparison circuit instantly identifies any deviation from ideal response and instantaneously adds a corrective signal to compensate for any deviation from the input signal



## **Specifications – Genesis G-928**

Dimensions:	15" x 16.5" x 16.5"
Frequency Response:	25Hz to 120Hz ±1dB
Power Amplifier:	1000 watts
Weight:	84.5 lbs
Inputs:	High-level left and right; Low-level pre-amp left and right Low-level video left and right (by-passes the low pass filter control) Volume control
Finish:	Black Ash



*The back and side view of the 928 woofer showing one of the large 12" aluminum woofers (grille removed) and the back plate containing all inputs, the AC connection, and low pass and volume controls.*

even when they include complex, rapidly evolving musical bass lines or artificial effects created to enhance your viewing pleasure. The G-928 technology guarantees earth-shaking bass coupled with stunning articulation.

### **Power for Total Control**

There are times when finesse requires brute force. The G-928's proprietary and ultra-efficient GSAT discrete MOSFET switching amplifier is a prime example of power's intelligent application in the service of sonic subtlety. With output capability up to a full kilowatt, the G-928's Class D design provides extraordinary control and exceptional thermal stability even when playing the most demanding sources continuously at high volume.

### **The Crucial Interface**

Perhaps the greatest impediment to fully enjoying a subwoofer's contribution with both music and film sources lies in how the woofer system mates with a variety of wide range loudspeakers. The G-928 accomplishes this task with ease. A fully adjustable low pass filter and volume control allows precise selection of optimum settings for level matching and accurate integration with any music or home theater system.

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