

The new Radia R-600 by BG represents the finest technology ever created in an architectural loudspeaker. Consistent with its highly regarded sibling the R-800, the new R-600 delivers extremely high levels of sensitivity, output and accuracy with performance that rivals the finest freestanding loudspeakers. Ideally suited for either lifelike home theater or critical music listening, the R-600 is intended for use as a left/right in-wall loudspeaker. A three-way passive design based on BG's signature line array concept, the R-600 provides controlled vertical directivity with wide horizontal dispersion for smooth coverage throughout the listening area.

At the heart of the R-600 is an array of four Neo10s showcased in a solid, aluminum baffle, grained and anodized in rich black. The Neo10 is a patent-pending 10" x 5" Planar Ribbon Midrange Driver based on the company's proprietary technology. Significantly larger in size than other BG ribbons, the Neo10 sets new standards for sensitivity, output, power handling and accuracy. In fact, the driver's size allows it to move substantial amounts of air while keeping diaphragm excursion at relatively low levels. Controlled excursion translates into lower distortion and higher sensitivity while providing amazing clarity and linear response.

Complementing the Neo10 array, and positioned to the side, are twelve patented Neo3 Planar Ribbon Tweeters, operating from 1.5 kHz to 20 kHz. Each tweeter is loaded into a deep chamber that effectively absorbs all energy radiated to the rear. The R-600's low frequency section is comprised of two long-throw, high power dual-gap woofers. Each woofer utilizes a 2" voice coil, paper/Kevlar™ composite cone and an oversized magnet. These high quality components, combined with dual-gap topology, deliver extraordinary output and linear response with extremely low distortion.





- > **Cutting edge** Proprietary Neo10 Planar Ribbon Midrange Driver
- > **Flexible placement** Line Source acoustically coupled array with controlled vertical, wide horizontal dispersion
- > **High Sensitivity** Allows for use with moderate-sized amplifiers
- > **High Output** For use in the most demanding residential applications
- > **Awesome Bass** Unique dual-gap, long-throw woofer technology for high output, linear response and low distortion

> **GENERAL PARAMETERS:**

System type	Three-way discrete line array in-wall system
System dimensions (HxWx Installed grill H)	63 5/8" x 11 5/8" x 3/4" (161.5 x 29.4 x 1.9 cm)
Weight	55 lbs. (25 kg)
Wall cut-out size, HxW	60 3/4" x 10 3/8" (154.3 cm x 26.4 cm)

> **LF WOOFER SECTION:**

Driver complement	2 x 8" dual-gap long-throw woofers in controlled directivity array configuration
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> **PLANAR RIBBON LINE ARRAY:**

Driver configuration	Uniformly driven 4 x Neo10 Planar Midrange Panels in a vertical array Uniformly driven 12 x Neo3PDRW Planar Ribbon Tweeters in a vertical array
Crossover	250 Hz, 1.5 kHz, Linkwitz-Riley second order in acoustical domain
Frequency response¹	50 Hz – 20 kHz (-6 dB, half space)
Sensitivity¹	93 dB/2.83V/1m
Rated impedance	4 ohms (2 kHz - 20 kHz), 26 ohms (250Hz - 2 kHz)
Power handling	500 W RMS
Warranty²	Lifetime to the original owner

The Radia R-600 is available through BG's authorized network of specialty custom retailers and integrators.

1. Measured @ 3m (10'), ground plane and referenced to 1m, free-field equivalent
2. Please see BG warranty for complete details