



COMPRESSION GUIDE SERIES

Less is more.

RSL Compression Guide™ technology brings rich, accurate sound to a new generation of compact, efficient loudspeakers. Now you can have speakers that will blend in with just about any room without sacrificing performance. And you don't have to deal with additional subwoofers.

Finally, large speaker bass from a small speaker enclosure!

RSL is proud to present a dramatic direction in speaker design that dispels the entrenched belief that large speakers are necessary for deep bass response. Rarely have speakers come so close to presenting music with all the dynamics and realism of a live performance experience.

What you hear is true.

No matter what kind of exotic speaker cone material a manufacturer might advertise as an "advance", none can eliminate the degrading effects of cavity resonance. The RSL Compression Guide™ enclosure reduces the effects of cavity resonance to the practical limits of inaudibility. What's more, they actually translate this resonance, which is wasted energy, into deeper bass response. As you listen to these new speakers, music seems to originate from the room and not from a box.

An additional reason for the superior imaging of small speakers.

Smaller speaker systems generally create a much more realistic illusion of a live concert performance. Large enclosures suffer from increased diffraction distortion caused by larger front panels. Consequently, smaller speakers, like those in the RSL Compression Guide™ speaker systems, are able to image, or place the instruments and performers in the room, with amazing accuracy.

A simplified explanation of how Compression Guide™ works.

Conventional loudspeaker designs make use of the sound waves that emerge from the rear of the woofer(s). In Compression Guide™ enclosures, these rear waves are guided through a series of compressions and expansions creating an area of acoustical resistance which contributes to increased low bass response, enhanced dynamics plus improved mid-bass detail and accuracy.

**Keeping it simple:
2-way systems are the better way.**

Years ago, conventional speaker wisdom held that the more drivers a system had, the more impressive a sound it was capable of generating. We have since learned that everything that goes into any type of audio reproduction system

can not only deliver sound, but can, and often will, introduce an opportunity to distort or dilute the signal. That, coupled with the unprecedented efficiency of the Compression Guide™ design, is why all RSL CG models are 2-way speaker systems. While your eyes will like the compact and contemporary styling throughout the new RSL CG line, your ears will love the rich, full sound stage they're presented with. You'll find it surprising what Compression Guide™ tuning can do to something as familiar and basic as a 2-way loudspeaker system.

The Compression Guide™ Tuning Slot.

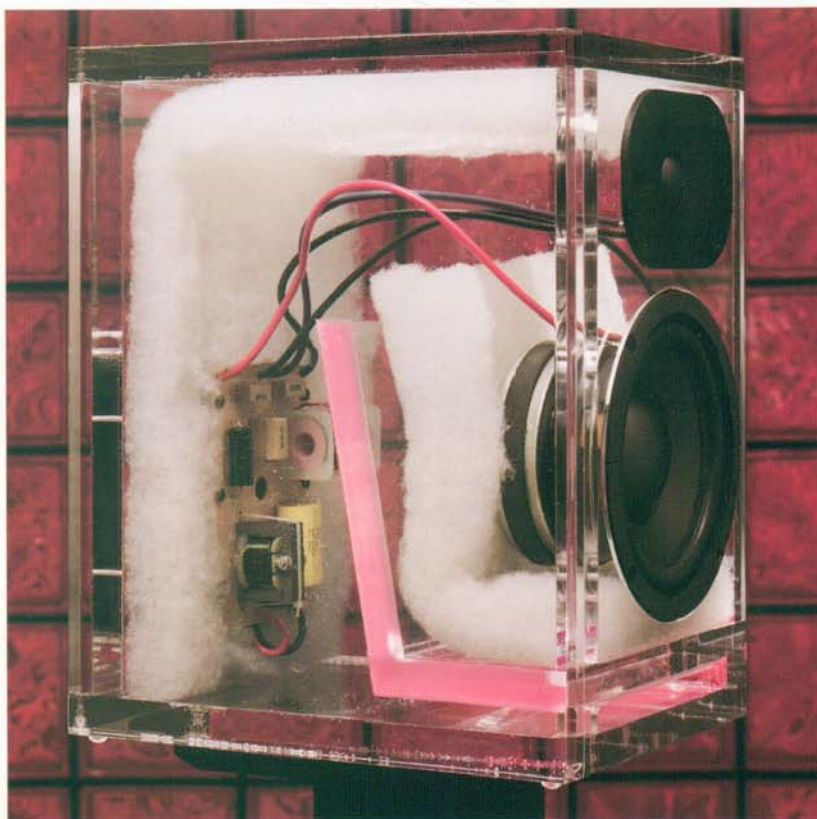
The CG tuning slot, which is where the compressed and expanded (or, in a sense, amplified) sound waves inside the cabinet are directed, has been elegantly detailed with a black matrix trim plate resembling polished granite. This same slot has been specially felt-damped to inhibit the "breathing" which often plagues other tuned port designs.

Choose from bookshelf systems or free-standing tower systems.

You can choose from three bookshelf and three floor-standing tower variations on the Compression Guide™ concept. All RSL Compression Guide™ speakers feature high density enclosures which inhibit resonance that can discolor overall output. Each model in the CG Tower Series has dual Compression Guide™ chambers to extend low frequency response even further. In addition, the CG Tower Series enclosures feature a unique wedge-shaped design to eliminate the interference from standing waves which can occur when sound is trapped between two parallel surfaces. All tower models are bi-wireable and easily adaptable for bi-amplified installations.

Solid enclosure construction guarantees solid performance.

All CG enclosures rely on a special fabrication technique which employs materials of different composition and thickness. This contributes to an incredibly rigid enclosure which is amazingly resistant to the annoying impact that resonance within the cabinet can create. The tower enclosures are actually 35% thicker than their bookshelf counterparts, which is instrumental in producing tighter, more defined bass response.



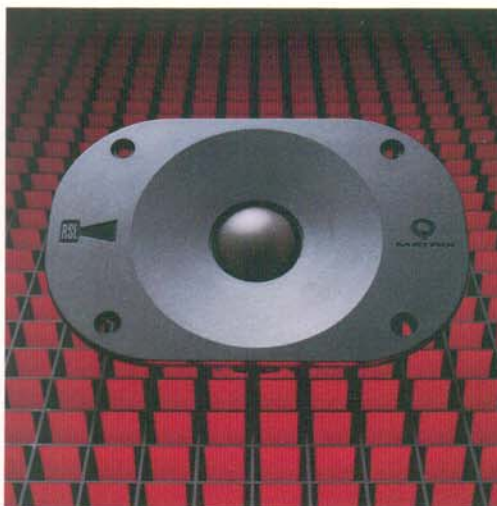
RSL's patent-pending Compression Guide™ tuning compresses and expands the sound waves inside the speaker to generate deep, rich bass in very little space.

The CG Woofer.
Optimized for maximum efficiency.

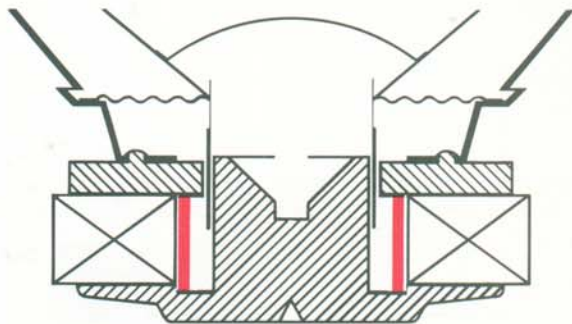
Both the Bookshelf and the Tower Series utilize high quality woofers with oversized magnet structures and heavy duty voice coils. These contribute to high efficiency, quick transient response, and maximum power handling capability. Their polypropylene cones are reinforced with carbon fiber for added stiffness and suspended by resilient surrounds to maximize bass efficiency. Large Kapton voice coils prevent heat build-up and maximize speaker efficiency.

Our exclusive all new Q-Matrix™ Tweeter.

To compliment the enhanced bass and midrange performance offered by Compression Guide™ technology, we developed Q-Matrix™, a new high output dome tweeter which features a 'dished' elliptical faceplate to better control dispersion. It is fabricated in Europe exclusively for RSL by one of the world's most prestigious transducer manufacturers.



All CG Series speaker systems utilize our new Q-Matrix™ tweeter fabricated in Europe exclusively for RSL.



Non-ferrous Inductance Control Ring

Speakers that sound better with the grilles on!

That's right! Extensive research into how sound waves behave when they leave the speaker have led to sonic improvement in the CG Series.

The CG Tower Series models benefit from new advances in technology. The woofers have been outfitted with a special non-ferrous Inductance Control Ring which helps contain magnetic energy generated in the voice coil. The result is superior power handling capability, more linear response and sharper transients.

An all new front baffle, covered with cross-linked closed-cell polyethylene has been heat-molded with a special anti-diffraction screen. This radical new baffle works in concert with the smoothly rounded grille to all but eliminate diffraction, reflection and refraction. The net result is a much more even dispersion pattern.

Genuine oak veneers.

Each model in the RSL Compression Guide™ series features cabinetry that's hand-finished in genuine oak veneers (not vinyl). All Bookshelf and Tower Series speaker systems are available in natural oak, black oak or whitewashed oak finish.

Other quality touches.

All RSL CG speaker systems include high quality crossover networks, automatic resetting circuit breaker tweeter protection and gold plated 5-way binding posts.

Unheard-of before!
A 10-Year limited warranty.

Speakers are something you spend quite a bit of time living with and you don't want something you'll listen to for a year or two only to have it conk out just as you're getting used to it. That's why both the CG Bookshelf Series and the CG Tower Series speakers carry a ten (10) year limited warranty which includes parts and labor for the first five years and has a nominal repair charge for the second five years.

Low factory-direct prices.

We feel Compression-Guide™ technology represents one of the biggest speaker innovations of the last 20 years. We've combined it with RSL's low factory-direct prices and our generous 30-day exchange policy to create one of the most attractive speaker values ever. You simply have to hear this remarkable breakthrough in speaker technology. RSL's Compression Guide™ speakers will give you more of what you listen to music for. Audition them soon at your nearest Rogersound Labs location.



The 5-inch, 6 1/2-inch and 8-inch woofers used in the RSL CG Tower Series

SPECIFICATIONS

Specifications are subject to change without notice.

Model Number
Configuration
Frequency Response
Sensitivity
Minimum Amplifier Power
Maximum Amplifier Power
Nominal Impedance
Crossover Frequency
Woofer Size
Woofer Material
Tweeter Size
Tweeter Material
Dimensions (H×W×D)
Net Weight Each

RSL speakers are available factory-direct through all Rogersound Labs stores.

CANOGA PARK

8381 Canoga Avenue
(818) 882-4600 (213) 873-3051

VAN NUYS

6301 Sepulveda Boulevard
(818) 787-6863 (213) 873-3345

SANTA MONICA

2730 Wilshire Boulevard
(213) 829-7119

PASADENA

3717 East Foothill Boulevard
(818) 351-5421 (213) 681-4977

TORRANCE

21229 Hawthorne Boulevard
(213) 540-6868 (213) 772-2706

WESTMINSTER

15251 Beach Boulevard
(213) 594-9646 (714) 893-7558

EL TORO

24280 Swartz Drive
(714) 380-8778 (619) 967-0324

MONTCLAIR

8961 Central Avenue
(714) 621-9963

WEST HOLLYWOOD

330 North La Cienega Blvd.
(213) 659-8300

Model Number
Configuration
Frequency Response
Sensitivity
Minimum Amplifier Power
Maximum Amplifier Power
Nominal Impedance
Crossover Frequency
Woofer Size
Woofer Material
Tweeter Size
Tweeter Material
Dimensions (H×W×D)
Width at Rear
Net Weight Each



CG-5
5-Inch 2-Way System
63 Hz to 22 kHz (±2.5dB)
88dB at 1 watt/1 meter
15 Watts
75 Watts
8 Ohms
3000 Hz
146 mm
Carbon-Fiber Polypropylene
28 mm
Treated Fabric Dome
13×7.5×9 Inches
13.5 Pounds



CG-6A
6.5-Inch 2-Way System
50 Hz to 22 kHz (±2.5dB)
90dB at watt/1 meter
15 Watts
120 Watts
4 Ohms
2500 Hz
167 mm
Carbon-Fiber Polypropylene
28 mm
Treated Fabric Dome
14×8.75×11.5 Inches
20 Pounds



CG-8A
8-Inch 2-Way System
48 Hz to 22 kHz (±2.5dB)
91dB at 1 watt/1 meter
15 Watts
150 Watts
4 Ohms
2500 Hz
210 mm
Carbon-Fiber Polypropylene
28 mm
Treated Fabric Dome
16×10.5×12 Inches
26 Pounds



CG-5²
Dual 5-Inch 2-Way System
50 Hz to 22 kHz (±2.5dB)
91dB at 1 watt/1 meter
20 Watts
150 Watts
4 Ohms
3000 Hz
146 mm
Carbon-Fiber Polypropylene
28 mm
Treated Fabric Dome
35×7.75×10.25 Inches
9.5 Inches
40 Pounds



CG-6²
Dual 6.5-Inch 2-Way System
40 Hz to 22 kHz (±2.5dB)
92dB at 1 watt/1 meter
20 Watts
200 Watts
4 Ohms
2500 Hz
180 mm
Carbon-Fiber Polypropylene
28 mm
Treated Fabric Dome
39×9×12 Inches
11.25 Inches
65 Pounds



CG-8²
Dual 8-Inch 2-Way System
32 Hz to 22 kHz (±2.5dB)
92dB at 1 watt/1 meter
25 Watts
250 Watts
4 Ohms
2500 Hz
220 mm
Carbon-Fiber Polypropylene
28 mm
Treated Fabric Dome
48.5×10.75×16 Inches
15 Inches
112 Pounds