

1400/2400 Home Theater Speakers

Home Theater Impact with a Small Footprint



1400 System in Satin Black



2400 System in Satin Black

Features:

- Unique, use-optimized surround and center channels designs
- Keyhole mounts on LR and SRs
- 1/4"-20 inserts on LR and SRs
- Satin or gloss black finishes available on 1400 and 2400 LR and C.
- LR and C feature Atlantic's exclusive Low Resonance Tweeter (LRT™)
- Center channel acoustic optimization controls
- Tilting center channel
- Switchable dipole/bipole Surround speakers
- Magnetically attached metal grilles

A state-of-the-art flat-screen picture is only half of the full home theater experience. Without great sound to go with that big picture, you aren't getting the full theater treatment. Yet even though many people want the benefits and the "wow factor" of home theater sound, they won't give up the room for big speakers.

With this dilemma in mind, Atlantic has developed two new systems that, while relatively compact in size, deliver the kind of performance that has previously only been available with larger speakers.

These new loudspeakers are actually a set of "acoustic building blocks" for assembling a system perfectly suited to any room and budget, but one that still maintains a consistent tonal balance. This insures that any mix of different 1400/2400 speakers will always sound "right." As sound travels around the room from one speaker to another, the tonal transition is seamless, maintaining perfect sonic believability.

The key to the extraordinary sound of these new systems is the advanced design of their drivers. Their woofers are long-throw, high power-handling designs. The tweeter in the LR and C speakers is Atlantic's exclusive Low Resonance Tweeter (LRT™). This amazing tweeter crosses over an octave lower than conventional tweeters, delivering far wider midrange dispersion for a much more 'open,' unboxy, lifelike sound. This broad dispersion also maximizes speaker placement and listener seating flexibility.

1400/2400 Home Theater Speakers



1400 LR and 2400 LR Front Channel Speakers

The 2400 LR speakers are high performance two-way systems intended to be mated with a quality subwoofer, such as Atlantic's own 224 SB, 334 SB or 444 SB. Each speaker houses two 4½ inch GLH (Graphite Loaded Homopolymer) mid-woofers and our sophisticated 1-inch LRT soft dome tweeter

The 1400 LR satellites utilize use a single GLH driver and the same 1-inch LRT tweeter.

Designed for smaller spaces such as dens or bedrooms, these speakers are ideal for applications where cost and size are a consideration.

1400 C and 2400 C Center Channel Speakers

These speakers employ closely-grouped M-T-M driver arrays for optimum coverage of the listening area. In addition, as with all of our center channel speakers, they come with a unique tilting base so the speaker is always precisely aimed at your ears. This aiming capability ensures high intelligibility of voices, dialogue, and onscreen effects.

Boundary Compensation - Placing a center channel speaker directly on a large-screen TV or in a bookshelf unit can cause a buildup of lower midrange energy that makes voices and instruments sound unnaturally thick and heavy.

To compensate, we've developed a boundary circuit that counteracts this problem. When activated, the boundary compensation switch will return the lower midrange—particularly male voices—to its natural, uncolored state.

High Frequency Tweeter Level Switch - The 1400 C and 2400 C have a three-position switch to compensate for 'live' or 'dead' room acoustics so the sound is never too bright or too dull.

1400 SR-z and 2400 SR Surround Speakers

A single pair of 1400 SR's or 2400 SR's can replicate the sound of the large array of surround speakers found in the best commercial movie theaters.

Set to "Bipole," they deliver a more precisely localizable sound pattern that can be very dramatic with high-impact popular music. The listener can choose the preferred effect with the flick of a switch. The 1400 SR-z's small size makes it particularly appropriate for use as 'height' speakers in the very newest home theater systems.

Set for "Dipole," they create a diffuse soundfield that is virtually impossible to pinpoint by ear, enveloping the listening room in realistic three-dimensional sound effects.

Specifications

	1400 LR	1400 C	1400 SR-z	2400 LR	2400 C	2400 SR
Type	Sealed-box, 2-way	Sealed-box, 2-way	Sealed-box, Dipole/Bipole surround	Sealed-box, 2-way	Sealed-box, 2-way	Sealed-box, Dipole/Bipole surround
Drivers						
Woofer	4½" (114mm) GLH*	(2) 4" (102mm) GLH*	(2) 3½" (90mm) Poly-treated w/ HFAR*	(2) 4½" (114mm) GLH*	(2) 4½" (114mm) GLH*	(2) 4½" (114mm) GLH*
Tweeter	1" (25mm) LRT***	1" (25mm) LRT***		1" (25mm) LRT***	1" (25mm) LRT***	1" (25mm) soft dome
Frequency Response	90Hz - 20kHz ±3dB	95Hz-20kHz, +/-3dB	110Hz-20kHz, +/-3dB	90Hz - 20kHz ±3dB	90Hz - 20kHz ±3dB	90Hz - 20kHz ±3dB
Nominal Impedance	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms	8 Ohms
Crossover Frequency	2.5kHz, 3rd order	2.3kHz, 3rd order	N/A	2.3kHz, 3rd order	2.3kHz, 3rd order	3.5kHz, 2nd order
Sensitivity	88dB	89dB	89dB	90dB	90dB	90dB
Recommended Power	10 - 100 Watts RMS	10-125 Watts RMS	10-100 Watts RMS	10 - 140 Watts RMS	10 - 140 Watts RMS	10 - 140 Watts RMS
Magnetic Shielding	Yes	Yes	No	Yes	Yes	No
Dimensions w/ grilles (W x H x D)	6¾ x 10½ x 7"	12½ x 7½ x 6¾**	12¼ x 8 x 5¾"	6¾ x 12½ x 7"	14¾ x 7½ x 7¾"	11½ x 10½ x 7½"
	160 x 265 x 177mm	316 x 181 x 168mm	312 x 203 x 137mm	160 x 325 x 177mm	370 x 191 x 178mm	283 x 265 x 191mm
Weight (ea)	5 lbs (2.2 kg)	8 lbs (3.6 kg) w/base	7lbs (3.2kg)	9 lbs (4 kg)	9 lbs (4 kg) w/base	12 lbs (5.5 kg)
Colors Available	Gloss or Satin Black	Gloss or Satin Black	Satin Black	Gloss or Satin Black	Gloss or Satin Black	Satin Black

*Graphite Loaded Homopolymer

**High Frequency Assistive Radiator

***Low-Resonance Tweeter, soft-dome



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Gloss Black

Satin Black

Colors Available on Selected Models



Atlantic's renowned 1" LRT™ soft dome tweeter



Optional 444 SB in Satin Black



Optional 224 SB in Satin Black