6200/8200 Home Theater Systems



RONN C



8200 SR



8200 LR

"It is simply one of the best speaker systems ever to pass through my listening room." -Home Entertainment Magazine



System 8200

For over 19 years, Atlantic Technology has specialized in creating high-performance, high-value home theater speaker systems. When we set out to design the System 8200 and 6200, we decided to apply all of our experience to create a no-compromise product. By implementing our exclusive technology, these systems offer the ultimate flexibility in both performance and aesthetics.

The Technology of Sound

It is widely known that dealing with room acoustics is the single most challenging element to achieving high quality sound. The combination of reflective surfaces, absorptive surfaces, and bass resonances can drastically alter the sound of even the best-engineered products. These systems address these acoustic issues with several optimization controls on the LCR speakers and subwoofer amplifier.

The controls

Each of the front channel speakers offers three controls to optimize its performance:

- A 3-position high frequency energy switch matches the speaker's response to the listening room's reflective characteristics.
- A location switch compensates for the speaker being located behind a perforated screen.
- A lower-midrange boundary compensation control adjusts for placing the LCR speakers in a cabinet or directly adjacent to TV.

The LCR speakers

The woofer and midrange cones are made of graphiteloaded homopolymer (GLH), a material that combines the attributes of light weight, high stiffness and superb unitto-unit consistency. This is an ideal cone material, and it contributes greatly to their accurate, extended response.

The brushed aluminum tweeter faceplate has a precisely machined driver opening and horn angle that optimizes the tweeter's efficiency, dispersion and frequency response.

These speakers accurately reproduce the most demanding program material, from the latest theatrical release to large-scale symphonic masterpieces. Whether installed behind a screen or displayed out in the room, they convey a level of detail and tonal realism equaled only by the live performance itself.



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8200 LR shown in Gloss Black, Cherry, Maple and duraBlack

The Center Speaker

At Atlantic, we realize that 60-70% of the cinema experience is handled by this most important of speakers. Both the 8200 C and 6200 C recreate dialogue and on-screen effects with clarity and impact, just like the best movie theaters. They feature driver arrays identical to their associated LR speakers, ensuring ideal tonal matching across the front stage. In addition, a rocker base allows for precise aiming at the prime listening position for optimum coverage.

The 8200 C's driver complement of (2) 8-inch woofers, (2) $5\,\%$ -inch midranges and a 1-inch silk dome tweeter means that it has the power handling and output capability to outpace any program material, even in the largest rooms. We know of no center channel speaker like it, anywhere.

The Surrounds

In a movie theater, the multiple pairs of surround speakers lining the sidewalls are designed to recreate a three-dimensional atmosphere. These systems' dipole design accurately reproduces this effect from just one pair of speakers. In addition, they can be configured to any

program material by flipping the switch from dipole to bipole operation, creating either an expansive acoustic effect for movies, or a more focused soundfield for multi-channel music.

The Pedestal Subwoofer

Atlantic has ingeniously integrated a long-throw bass driver (12" in the 8200, 10" in the 6200) into a stylish pedestal enclosure that forms the lower portion of an elegant floorstanding speaker. (Empty pedestals—without the divers—are also available, for those situations where a floorstanding tower-type speaker is required, but the actual subwoofer needs to be located away from the L/R speakers.)

The subwoofer amplifier affords a degree of precision, adaptability and power far beyond conventional "powered subwoofers." Its special diagnostic capability and correction circuitry tunes the Pedestal subwoofer to the room and optimizes its performance by eliminating the final obstacle to sonic accuracy: objectionable room resonances. The result is a markedly cleaner system sound, without the "one-note" resonant boom that plaques most real-world installations.

Specs

Model		8200 LR	8200 C	8200 SR	6200 LR	6200 C	6200 SR
Туре		Sealed-box, 3-way	Sealed-box, 3-way	Sealed-box, 2-way	Sealed-box, 3-way	Sealed-box, 3-way	Sealed-box,
				Dipole/Bipole	M-T-M array	M-T-M array	Dipole/Bipole
Drivers	Woofer	(2) 8" GLH	(2) 8" GLH	(2) 6 5" GLH	(2) 6.5" GLH	(2) 6.5" GLH	(2) 5.25" GLH
	Midrange	(2) 5.25" GLH	(2) 5.25" GLH				
	Tweeter	(1) 1" silk dome	(1) 1" silk dome	(2) 1" silk dome	(1) 1" silk dome	(1) 1" silk dome	(2) 1" silk dome
Frequency Response		60Hz - 20kHz ±2dB	60Hz - 20kHz ±2dB	80Hz - 20kHz ±2dB	50Hz - 20kHz ±2dB	50Hz - 20kHz ±2dB	80Hz - 20kHz ±2dB
Nominal Impedance		6Ω	6Ω	6Ω	6Ω	6Ω	6Ω
Crossover Frequency		450Hz, 3kHz	450Hz, 3kHz	3kHz	2.5kHz	2.5kHz	3kHz
Crossover Type		Computer designed Butterworth 4th order asymmetrical (time-aligned) Linkwitz-Riley					
Sensitivity		90dB	90dB	90dB	90dB	90dB	90dB
Recommended Amp Power		25 - 200 Watts RMS	25 - 200 Watts RMS	15 - 150 Watts RMS	15 - 150 Watts RMS	15 - 150 Watts RMS	10 - 150 Watts RMS
Magnetic Shielding		Yes	Yes	No	Yes	Yes	No
Dimensions w/ grilles		9.3 x 31.7 x 15.6in	31.7 x 16 x 11.5in*	14.7 x 19 x 10.4in	7.8 x 23.5 x 14.3in	22.5 x 11.1 x 11.5in*	10.8 x 15.3 x 7.8in
(W x H x D)		230 x 788 x 387mm	788 x 398 x 286mm*	365 x 472 x 258mm	194 x 584 x 356mm	560 x 276 x 285mm*	269 x 380 x 193mm
	Pedestals/PedWoofers including feet, spikes, and gap between satellite and pedestal top adds:						
		29.6in., 737mm		42.2in.,1051mm	26.3in., 668mm		37.8in.,941mm
Weight (ea)		53.0lbs; 24.0kg	55.0lbs; 25.0kg w/base	24.0lbs; 10.9kg	26.0lbs; 11.8kg	25.0lbs; 11.3kg w/base	20.0lbs; 9.1kg

