

4400 Home Theater Speakers

THX-Certified Home Theater Speaker System



4400 C in Satin Black



4400 LR in Satin Black



4400 SR in Satin Black



The Atlantic Technology System 4400 represents the culmination of our efforts to develop the world's finest moderately-priced home theater speaker system. The System 4400 builds on much of the exhaustive research and technology incorporated in our groundbreaking, state-of-the-art systems, the highly acclaimed System 8200e and System 6200e. As a result, the 4400 delivers superb sound with all movie and music formats.



The Sum is Greater than the Parts

Getting a home theater system to sound "just right" is no easy task. As voices or effects move across the room, the handoff from speaker to speaker should not be perceived as a series of singular events, but instead, as a continuous smooth transition. In developing System 4400, we have taken extraordinary care in this process.

The key to the 4400's outstanding performance is that all of the system's individual loudspeakers have been optimized specifically for their intended use. Although customizing the speakers is more costly for us—it requires three very different acoustic designs, expensive tooling, and task-specific cabinets—the sonic payoff is tremendous.

We sincerely believe that within its price range—or even well above—it is one of the finest speaker systems available. Once you see and hear it for yourself, we are confident you will agree.

Features:

- Unique, use-optimized surround and center channels designs
- Gloss black and satin black finishes available
- Same tweeter and driver configuration as our top of the line systems
- THX Select Certified
- Front channel acoustic controls
- Tilting center channel
- Wall-mountable LR speakers
- Switchable dipole/bipole speakers
- Magnetically attached metal grilles

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The Front Channel Speakers

The front channel speakers in System 4400 utilize two 5 1/4" (135mm) custom long-throw drivers flanking a custom 1" (25mm) soft dome tweeter. We utilize identical driver technology (and in some cases, the identical drivers!) as in our own System 8200e, the best that Atlantic has to offer.

The Center Channel

The 4400 C comes with a unique tilting base so the speaker can be aimed at the listener's ears. The audible benefit of this design is precise intelligibility of voices, dialogue, and on-screen effects.

The Front Channel Controls

At the movies or a live concert, everyone wants the best seat in the house. It's the same way in your living room— you want the best possible sound, no matter where the speakers are placed and regardless of the room's acoustics.

All three front channels of the 4400 address this problem. Each speaker comes with two controls that help customize the speaker to your individual room.

High Frequency Switch - The speakers have a three-position tweeter level switch to compensate for overly reflective or excessively damped room acoustics, so the speakers' sound is never too dull or too "bright."

Boundary Compensation - Placing a center channel speaker directly on a large-screen TV, or installing a left/ right speaker in a bookshelf unit can cause a major

buildup of lower midrange energy from what speaker engineers call "boundary effects." The result: voices and instruments can sound unnaturally thick and heavy.

We developed a circuit that counteracts this problem. Activating the boundary compensation switch will return the lower midrange to its natural, uncolored state.

Switchable Dipole/Bipole Surround Speakers

The goal of the surround speakers is to replicate the sound of the large array of surround speakers found in the best commercial movie theaters, without using 20 or 30 speakers like in the movie theater!

The best way to do this is with a pair of dipole speakers, where speaker's two pairs of drivers operate out of phase with each other. Set for "Dipole," the 4400 SR's create a diffuse soundfield that is virtually impossible to pinpoint by ear. The 4400 SR sounds like a large array of speakers, enveloping the listening room in startlingly realistic three-dimensional sound effects. You are simply "there," in the scene, without the artificial directional effects from an ordinary surround speaker that would spoil the otherwise perfect sonic illusion.

However, for multi-channel music, especially pop or rock, you might prefer to have more precise localization in the surround channels. In that case, the "Bipole" setting (where all four drivers operate in phase) is best. Set that way, the 4400 SR delivers a more precisely localizable sound pattern that can be very dramatic with high-impact popular music.

Specifications

	4400 LR	4400 C	4400 SR
Type	Sealed-box, 2-way M-T-M array	Sealed-box, 2-way M-T-M array	Sealed-box, Dipole/ Bipole surround speaker
Drivers	Woofers (2) 5 1/4" (133mm) GLH* Tweeter (1) 1" (25mm) silk dome	Woofers (2) 5 1/4" (133mm) GLH* Tweeter (1) 1" (25mm) silk dome	Woofers (2) 4 1/2" (114mm) GLH* Tweeter (2) 1" (25mm) silk dome
Frequency Response	80Hz - 20kHz ±3dB	80Hz - 20kHz ±3dB	80Hz - 20kHz ±3dB
Nominal Impedance	8 Ohms	8 Ohms	8 Ohms
Crossover Frequency	2.5kHz	2.5kHz	3kHz
Crossover Type	Computer designed Butterworth 4th-order asymmetrical	Computer designed Butterworth 4th-order asymmetrical	(time aligned) Linkwitz-Reilly
Sensitivity	90dB	90dB	90dB
Recommended Power	10 - 150 Watts RMS	10 - 150 Watts RMS	10 - 150 Watts RMS
Magnetic Shielding	Yes	Yes	No
Dimensions w/ grilles (W x H x D)	8 3/8 x 15 x 9 1/2" 211 x 382 x 242mm	18 1/2 x 8 1/2 x 9 5/8"*** 467 x 213 x 246mm	10 7/8 x 12 1/2 x 7 1/2" 277 x 315 x 191mm
Weight (ea)	15 lbs (6.8 kg)	17 lbs (7.7 kg) w/base	11 lbs (5.0 kg)

*Graphite Loaded Homopolymer **Height includes tilt base



Optional 642e SB Subwoofer



642e's Powerhouse 12" Driver



642e SB Front Panel Level Control



Gloss Black

Satin Black

Colors Available