

# ATLANTIC SE



*Wharfedale*

atlantic se

## Atlantic SE



Atlantic SE is the latest generation of our award-winning mid-priced loudspeaker series. Speed, dynamic range and efficiency are the concepts behind the range that have been maintained and improved in this, the latest incarnation.

**“A high sensitivity extracts every nuance of the music signal and transforms this into a crisp, detailed and invigorating display of acoustic competence.”**

Atlantic SE has been engineered to perform well with even modest amplification. A high sensitivity extracts every nuance of the music signal and transforms this into a crisp, detailed and invigorating display of acoustic competence.

Deep, controlled bass comes courtesy of our ‘curvilinear’ cone design, built to handle heavy transients yet retain poise, even at extreme sound pressure levels. Light and strong, these cones can start and stop in an instant.





The full range of Atlantic SE speakers offers something to suit every taste. Whether you need a full-range home cinema system or a classic two-channel stereo system, Atlantic SE has the refinement and power to suit the purpose.

Atlantic SE features a brand new high-frequency tweeter, capable of scaling up to 24kHz within 3db of mean. The improvements in stereo image are pronounced and create a very impressive soundstage with an equally impressive dispersion.

Because many loudspeakers are very directional in nature, the listening position or 'sweet spot' is very small and any movement results in a change to the perceived sound – not so with Atlantic SE. The dispersive nature of even the high-frequency sounds means a very consistent image across a very wide sound field. This benefit is even more apparent when Atlantic SE is used as part of an AV multi-channel system.

**“The Atlantic SE series will involve you in a three-dimensional soundfield in which you become acutely aware of the spatial relationship between instruments and voices.”**

With good recordings, the 'depth' of recording becomes quite startling. Rather than the flat, two-dimensional experience offered by lesser speakers, the Atlantic SE series will involve you in a three-dimensional soundfield in which you become acutely aware of the spatial relationship between instruments and voices. At the same time, their timbre and tone are reproduced accurately and without compromise.



Atlantic SE offers serious sound pressure levels from even quite small amplifiers or systems. Even the compact models are capable of producing 90dB at a distance of 1 meter for 1 watt of music power.

Combine this with total tonal matching throughout the range and you have the recipe for a highly competitive AV system. We recommend combining the AT-400 SE or 500 SE models as the front speakers with the centre channel and either the AT-100 SE, AT-200 SE or one of our new DFS speakers for the rear channels.

The AT-100 SE, 200 SE and DFS models are easily wall-mounted using the keyhole mounting sockets on the rear of these speakers. In addition, the AT-100 SE and AT-200 SE loudspeakers are magnetically shielded for use in close proximity to a television set.





## Manufacturing technology

Wharfedale has a strict policy of manufacturing entirely in-house. Every component in every loudspeaker we make is designed, tooled, manufactured and quality-controlled in our own premises, by our own staff.

Not only does this have very significant cost implications, savings that are passed directly to our customers, it means we're not reliant on any other companies efficiency, technology or quality.

Another consequence of this is the flexibility of our manufacturing, with every component bespoke designed for each individual loudspeaker system. Total synergy in every stage of the design process allows us to experiment with numerous variations of components and materials, to produce the optimum relationship between cabinet, crossovers and drivers.

In Atlantic SE, this philosophy is represented to excellent effect. A strong MDF-braced cabinet houses the ferro-fluid cooled high frequency tweeter and long-throw, high output, polypropylene bass/mid drivers, a functionally simple crossover which maintains excellent phase integrity and a new terminal panel.

The whole speaker is finished in a vinyl wrap of beech, rosewood or black with a neutral 'titanium' trim colour. A range of sizes and specifications is available to suit every budget, room size and taste - each specifically optimised to offer an uncompromised sound quality.

### VINYL FINISHES



Black Ash



Rosewood



Beech

# Specifications



Model	AT-100 SE	AT-200 SE	AT-300 SE	AT-350 SE
Bass	170mm	170mm	200mm	200mm
Mid	n/a	n/a	n/a	n/a
Tweeter	25mm tex	25mm tex	25mm tex	25mm tex
Recommended Amplifier Power	15-150W	15-150W	15-170W	15-170W
Nominal Imp.	6 ohm	6 ohm	6 ohm	6 ohm
Sensitivity 1W@1M	87dB	88dB	88dB	88dB
Frequency Range	55Hz - 24kHz	45Hz - 24kHz	40Hz - 24kHz	35Hz - 24kHz
Crossover Frequency	4.5kHz	4.5kHz	3.8kHz	3.8kHz
Frequency Fb	65Hz	55Hz	50Hz	42Hz
Size ( H x W x D )	380 x 210 x 170mm	380 x 210 x 245mm	625 x 250 x 269mm	805 x 250 x 269mm



Model	AT-400 SE	AT-500 SE	AT-Centre SE
Bass	200mm	2 x 200mm	2 x 100mm
Mid	200mm	200mm	n/a
Tweeter	25mm tex	25mm tex	25mm tex
Recommended Amplifier Power	20-200W	20-250W	15-150W
Nominal Imp.	6 ohm	6 ohm	6 ohm
Sensitivity 1W@1M	90dB	92dB	88dB
Frequency Range	30Hz - 24kHz	28Hz - 24kHz	70Hz - 24kHz
Crossover Frequency	150Hz, 5kHz	150Hz, 5kHz	2.7kHz
Frequency Fb	40Hz	40Hz	65Hz
Size ( H x W x D )	805 x 250 x 269mm	1080 x 250 x 269mm	150 x 396 x 228mm



*Wharfedale*

Wharfedale International Ltd.

IAG House,

Sovereign Court,

Ermine Business Park,

Huntingdon. PE29 6XU

Tel : 0845 458 0011 / +44 (0) 1480 447700

Fax : +44 (0) 1480 431767

[www.wharfedale.co.uk](http://www.wharfedale.co.uk)