

AT 5.1 WS

Bookshelf Loudspeaker



The **Synergy Series AT 5.1 WS** has been designed around the unique Ariatechnik Wave Synergy™ drive unit to bring audiophile performance to a wide range of installation applications. Characteristic of the Wave Synergy™ design is a very wide 'sweet spot' with an exceptionally even response throughout the listening area, as well as an extraordinary transient response. The AT 5.1 WS is designed to be used in home theaters or in music systems as a satellite speaker being crossed over with a subwoofer for full range sound. They are ideal for use in cabinets or on shelving units due to their diminutive size but are just as at home as the focal point in a living space due to their cosmetic options. These loudspeakers deliver class leading accuracy, sensitivity and dynamics. The AT 5.1 WS delivers massive sound in a tiny package with a truly musical presentation while taking up much less of your living space.

WAVE SYNERGY™ DRIVER

Characteristic of the Ariatechnik Wave Synergy™ design is that it presents a large 'sweet spot' both vertically and horizontally with an exceptionally even response throughout the listening area, as well as an extraordinary transient response. The Wave Synergy driver is effectively two drivers properly merged into one where, unlike ordinary drive units, the high frequency unit is positioned on the back of the low frequency driver and in the proper phase alignment with the high frequency driver. As a result they are on the same axis, so ensuring that sound energy is effectively propagated from the same point and delivered through the center of the low frequency cone as true point source. Such integration optimizes reproduction quality by providing a constant time delay over the frequency spectrum, exceptional transient performance, wide dispersion and superior harmonic alignment, all of which delivers to the listening position a natural, clean and integrated sound with greatly enhanced intelligibility, sound staging and dynamics.



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FEATURES

- ▲ 5.00" (128mm) high sensitivity point source with constant directivity Wave Synergy™ drive unit
- ▲ 1" (25.4mm) exit compression tweeter
- ▲ Extremely flat frequency and phase response
- ▲ Superior harmonic alignment
- ▲ Constant time delay over frequency spectrum
- ▲ Exceptional transient performance
- ▲ Natural, clean and integrated sound
- ▲ 90° conical dispersion
- ▲ Enhanced intelligibility, sound staging and dynamics
- ▲ Recommended amplifier power 50W to 400W @ 8Ω
- ▲ Maximum SPL 114 d.B.
- ▲ Rugged construction MDF enclosure

SYSTEM

Description:	5 inch two-way point source loudspeaker
Transducer:	1 x 5" (128mm) constant directivity Wave Synergy™ transducer
Crossover Type:	Passive is standard / Active is optional
Power Handling:	Average (A.E.S): 130 Watts, Program: 200 Watts peak: 400 Watts
Sensitivity:	Mid-Woofer: 89 d.B. Tweeter: 110 d.B.
Frequency Range:	110 Hz - 27 kHz +/- 3 d.B.
Maximum Output:	114 d.B.
Nominal Impedance:	8 Ohms

CONSTRUCTION

Dimensions of speaker without grill: (HxWxD)	11" x 6.5" x 5.5" 279.4 mm x 165.37mm x 139.7mm
Dimensions of Grill: (HxWxD)	10.5 x 6" x .250" 266.mm x 152.4mm x 6.35mm
Weight:	10.2 lbs 4.62 kg