

AT 4.1 Full Range (FR) - Bookshelf



The AT 4.1 Full Range (FR) is a highly unique offering. It shares the cabinet size and shape with the AT 5.1 WS but uses a full range 4" mid-woofer that allows a super compact speaker to deliver deep bass in a tiny package. The AT 4.1 FR is designed to be used in home music or media systems where a subwoofer is not possible but full range sound is desired. They are ideal for use in cabinets or on shelving units, mantles or bookshelves. The AT 4.1 FR delivers very big sound in a diminutive package with a truly musical presentation while taking up much less of your living and visual 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 effectively propagates 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

- ▲ 4" (102 mm) full range point source drive unit
- ▲ Very flat frequency and phase response
- ▲ Ideal for use as a music loudspeaker
- ▲ Exceptional transient performance
- ▲ Superior harmonic alignment
- ▲ Natural, clean and integrated sound
- ▲ Enhanced intelligibility, sound staging and dynamics
- ▲ Recommended amplifier power 100 to 200W @ 8Ω

SYSTEM

Transducer:	Ariatechnik 4" Concentric Driver with 1" Silk Tweeter 4 Ohm system impedance
Driver Description:	The Ariatechnik 4" Point Source driver is a full-range concentric loudspeaker providing high quality sound in a very compact format featuring a 4" aluminum coned woofer mated with a 1" soft dome tweeter. The Aluminum woofer provides a good balance between stiffness, low mass and damping making for a very natural sounding driver with a smooth frequency response. The soft dome tweeter provides detailed and clear high frequencies with minimal distortion
Crossover Type:	Passive network
Power Handling:	Program: 80 Watts peak: 250 Watts
Native Sensitivity:	86 dB woofer 88.5 dB tweeter
Frequency Range:	64 Hz - 25 kHz +/- 3 dB 59 Hz - 3 kHz -10 dB
Nominal Impedance:	4 Ohms

CONSTRUCTION

Material:	MDF with various wood veneers
Dimensions of speaker without grill: (HxWxD)	11" x 6.5" x 5.5" 279.4mm x 165.37mm x 139.7mm
Dimensions of Grill: (HxWxD)	10.5" x 6" x .250" 266mm x 152.4mm x 6.35mm
Weight:	9.2 lbs 4.17 kg