

## AT 5.1 IW

Wave Synergy™ Point Source In Wall Loudspeaker



### AT 5.1 IW

The Synergy Series AT 5.1 IW has been designed to be the best sounding in wall in the world while having a very small visual footprint at an incredible value. The AT 5.1 IW is designed to be used in home theaters or in distributed music systems as a satellite speaker being crossed over with a subwoofer for full range sound. The in wall is able to be mounted in either a portrait or landscape orientation and still fit in a standard two by four inch stud bay with no effect on audio performance due to the ideal dispersion of the Wave Synergy™ drive unit. These loudspeakers deliver class leading accuracy, sensitivity and dynamics while presenting an easy to drive load for the amplifier. The AT 5.1 IW delivers massive sound in a tiny package with a truly musical presentation and exceptional clarity and intelligibility. The ported MDF enclosure is self-contained so no need to worry about a back box. Ideal for use with either our Synergy Series range or our Cine Series range with perfect dispersion and sound consistency while taking up much less of your customers visual living space.

### Wave Synergy™

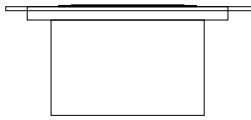
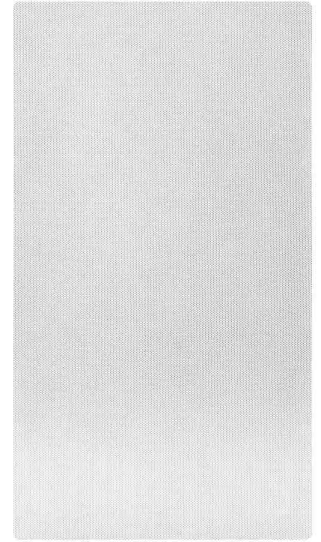
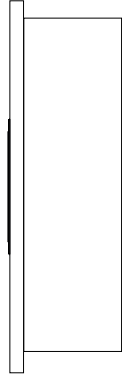
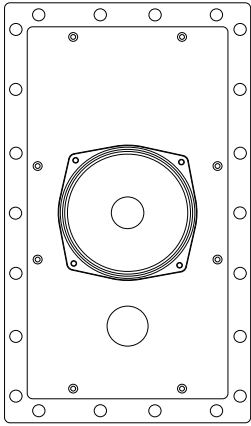
Characteristic of the Ariatechnik Wave Synergy™ loudspeaker design is that it presents a large 'sweet spot' both vertically and horizontally with an exceptionally even response throughout the listening area, as well as an extraordinary transient response. The Wave Synergy™ driver is effectively two drivers 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 the same time axis, so ensuring that sound energy effectively propagates from the same point and is 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" Wave Synergy™ Point Source In Wall Loudspeaker
- ▲ Extremely flat frequency and phase response
- ▲ Exceptional transient performance
- ▲ Superior harmonic alignment
- ▲ Natural, clean and integrated sound
- ▲ Enhanced intelligibility, sound staging and dynamics
- ▲ Very low distortion
- ▲ Recommended amplifier power 50 to 250W @ 8Ω

### APPLICATIONS

- ▲ Home Cinema / Media rooms
- ▲ High Fidelity Music playback
- ▲ Board Rooms
- ▲ Professional Screening Rooms
- ▲ Professional Recording Studios
- ▲ Sound Design and Production

### SYSTEM

<b>Description:</b>	Wave Synergy™ Point Source In Wall Loudspeaker
<b>Transducer:</b>	5" (127 mm) constant directivity Wave Synergy™ transducer
<b>Crossover Type:</b>	Passive 2 way
<b>Power Handling:</b>	Average (A.E.S): 60 Watts, Program: 120Watts, peak: 300 Watts
<b>Native Sensitivity:</b>	91 d.B. Woofer, 109 d.B. Tweeter
<b>Frequency Range:</b>	110 Hz - 26 kHz +/- 3 d.B. (89Hz - 30 kHz -10 d.B.)
<b>Maximum Output:</b>	117 d.B.
<b>Nominal Impedance:</b>	8 Ohms

### CONSTRUCTION

<b>Overall Dimensions:</b> (WxHxD)	9" W x 15-3/4" H x 4"D
<b>Cut-out Dimensions:</b> (WxH)	7-15/16" W x 14-7/16"H
<b>Weight</b>	TBA
<b>Shipping Weight</b>	TBA