

# Cine Series

Ariatechnik

## AT 8.1 WS

Modular, high output Loudspeaker system



The Cine Series AT 8.1 WS has been designed around the unique Ariatechnik Wave Synergy™ drive unit to bring audiophile performance to a wide range of installation applications. A modular, two-way point source loudspeaker that is intended for use in media rooms, home theaters or anywhere a high output loudspeaker with a wide coverage pattern is required. These loudspeakers deliver class leading accuracy, sensitivity and dynamics. 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 8.1 WS can be used in cabinets, behind screen, or as an in room loudspeaker. Utilizing our amplification's digital signal processing, the system can correct for each of these unique placement applications with relative ease. The AT 8.1 WS can also be used in conjunction with one or more AT 12 W woofers to make a larger, higher output standalone full range loudspeaker. It is recommended to use at least one AT 12 W for each AT 8.1 WS for full range performance. The 8.1 WS may also be deployed in either passive or active mode to accommodate individual system requirements by utilizing fewer channels of amplification where appropriate. The other advantage to the AT 8.1 WS is that it can be used either vertically or horizontally with no impact on performance or dispersion unlike all other non point source based loudspeakers.



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### FEATURES

- ▲ 200 mm (8.00") high sensitivity point source and constant directivity Wave Synergy™ drive unit
- ▲ 25.4 (1.0") exit compression tweeter
- ▲ Extremely flat frequency and phase response
- ▲ Ideal for non optimal placement in cabinets or behind screen
- ▲ Superior harmonic alignment
- ▲ Constant time delay over the frequency spectrum
- ▲ Exceptional transient performance
- ▲ Natural, clean and integrated sound
- ▲ 90° conical dispersion
- ▲ Enhanced intelligibility, sound staging and dynamics
- ▲ Recommended amplifier power 100 to 400W @ 8Ω
- ▲ Maximum SPL 121dB average
- ▲ Rugged construction MDF enclosure, sealed internally braced and finished with anthracite black Nextel™ paint. High gloss options available.

### SYSTEM

Frequency Response (Active Mode)	95 Hz - 30 kHz ±3 dB 77 Hz - 40 kHz - 10dB
Nominal Dispersion	90° conical
Directivity Factor (Q)	5.8
Directivity Index (DI)	7.0
Dynamic Range	106 dB
Maximum SPL	121 dB peak
Crossover Type	Active is standard Passive optional
Transducers	200 mm (1 x 8") constant directivity Wave Synergy™ transducer
Native Sensitivity (1W/1M)	
Mid -Woofer	93 dB
Tweeter	109 dB
Power Handling	
Average (A.E.S)	200 Watts
Program	350 Watts
Peak	600 Watts
Nominal Impedance	8 Ohms

### CONSTRUCTION

Enclosure	MDF, sealed and internally braced
Finish	Black Anthracite Nextel™ (standard) Custom finishes available
Connectors	Neutrik Speakon NL4MP-ST
Dimensions (HxWxD)	11" x 17.5" x 12" 279.4 x 444.5 x 304.8
Weight	15.9 kg (35 lbs)
Shipping Weight	19.1 kg (42 lbs)

### ACCESSORIES / OPTIONS

Magnetic grill	Black fabric
Passive Crossover	1.8 k.Hz electro-acoustic