

Avi 2-way Passive Colinear Source



- **A series family - Lightweight**
- **Touring - Fixed installation**
- **25m throw capability**
- **VDA18/ VDA12 Controller / AngelLow Subwoofer**

Avi is a collinear source system suitable for medium distance applications. It is specially designed for professional sound reinforcement and high-end residential applications or multi-function requiring high fidelity and SPL, with better vision. The Angel has 4 x 4.5" MF driver, providing an available bandwidth of 90Hz and 2x 1.75" HF diaphragm compression drivers, loaded by horns with J-shaped progressive curvature. This arrangement, called collinear source, can produce H / V 110° x 45° (+ 0 / - 45°) directivity, optimize ultra wide horizontal coverage and expand projection capability. The AviLow has 1x 12" subwoofers designed to provide low-frequency bandwidth expansion for the Avi system (low-frequency increase of 9dB and low-frequency lower limit of 40Hz). Angel and AviLow can be combined with VS28 subwoofer, which is designed for further system optimization, and the bandwidth can be extended to 25Hz. Both subwoofers are equipped with L-shaped vents to improve low-frequency efficiency while reducing high levels of turbulence and port noise.

Avi Technical Specification

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|----------------------------|---|
| Type | Passive 2-way Colinear source |
| Amplifier Recommend | VDA12 |
| Frequency Response(Preset) | 90Hz - 20kHz(-10dB) |
| Horizontal | 110° (>1 kHz) |
| Vertical | 0° / -45° in J shape (> 1 kHz) |
| Drivers | LF: 4x4.5" (Ferrite) HF: 2x1.75" (Neodymium) |
| Handling Power (AES) | LF: 160W HF: 100W |
| Maximum Peak SPL | 134dB/1m |
| Nominal Impedance | LF: 8Ω |
| Connectors | 2 x NL4 SpeakOn |
| Pin Connectors | IN = LF:+1-1 LINK = LF:+1-1 |
| Width*Height*Depth | 155mm*800mm*200mm |
| Weight | 12kg / 26.4lb |
| Threaded | 6x M6 threaded insert |
| Pole socket | 1x 35mm Pole socket |
| Material | Baltic Birch Plywood |
| Finish | Dark Grey |
| Front | Polyester powder-coated steel grill |
| Rigging | Steel |
| Protection rating | IP45 |

