

## Angel 2-way Passive Colinear Source



- **A series family - Lightweight**
- **Touring - Fixed installation**
- **35m throw capability**
- **VDA18/ VDA12 Controller / AngelLow Subwoofer**

Angel 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 six 5-inch MF driver, providing an available bandwidth of 85Hz and three 1.75-inch 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 AngelLow has two 12 inch subwoofers designed to provide low-frequency bandwidth expansion for the Angel system (low-frequency increase of 9dB and low-frequency lower limit of 40Hz). Angel and AngelLow 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.

VDA12 amplifier controller has advanced functions, time calibration, linearization and unit protection.

## Angel Technical Specification

Type	Passive 2-way Colinear source
Amplifier Recommend	VDA12
Frequency Response(Preset)	85Hz - 20kHz(-10dB)
Horizontal	110° (>1 kHz)
Vertical	0° / -45° in J shape (> 1 kHz)
Drivers	LF: 6×5" (Neodymium) HF: 3×1.75" (Neodymium)
Handling Power (AES)	LF: 480W HF: 150W
Maximum Peak SPL	137dB/1m
Nominal Impedance	LF: 8Ω
Connectors	2 x NL4 SpeakOn
Pin Connectors	IN = LF:+1-1 LINK = LF:+1-1
Width*Height*Depth	170mm*1300mm*210mm
Weight	18kg / 39.7lb
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

