

6.5" - Full Range Driver

Studio Range

Applications:

Compact Coaxial Studio Monitors

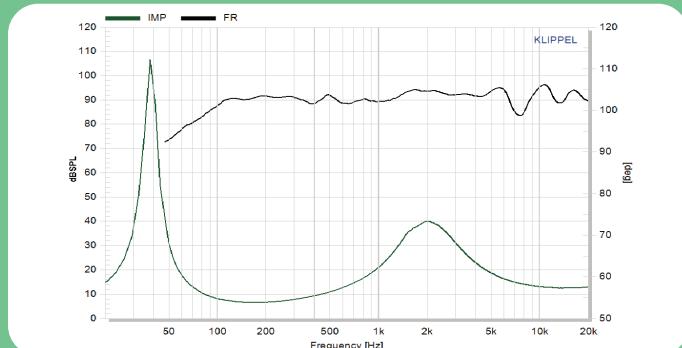
- 100 Watt (AES)
- Full Range Response
- Low Damping Rubber Surround
- Double Suspensions
- Integral Crossover & Dome Tweeter
- Net Weight: 2.3 Kgs



The CX160.1 is a lightweight paper pulp cone, coaxial drive unit with integral crossover and a ferrofluid cooled dome tweeter. The bass-midrange system features a symmetrical field magnet, dual rear suspensions and a critically doped cone & surround for low colouration and linearity. The tweeter has a 28mm voice coil and Neodymium magnet for efficiency and power handling. The entire tweeter assembly is field replaceable. Thiele-Small parameters are optimised for use in compact enclosures. High power handling, excellent dispersion and low distortion make the CX160.1 suitable for studio and fixed installation applications where quality and dynamic range are essential. The diecast aluminium chassis is vented below the suspensions to increase cooling airflow to the voice coil and magnet.

Specifications		Thiele-Small Parameters		Mounting Information	
Nominal Diameter	165 mm	Fs	40 Hz	Overall Diameter	189 mm
Power Rating	100 Watt (AES)	Re	5.6 Ω	Fixing Bolt Diameter	178.5 mm
Frequency Range	50 - 20,000Hz	Sd	154 cm ²	Fixing Holes	4 x M5
Nominal Impedance	8 ohms	Qms	9.53	Front Mount Cut-out Diameter	160 mm
Voice Coil Diameter	38 mm	Qes	0.36	Suggested Rebate Depth	6 mm
Voice Coil Height	17.5 mm	Qts	0.35	Depth Below Front Flange	119 mm
Voice Coil Layers	2	Cms	0.67 mm/N	Total Depth	125 mm
Magnet Gap Height	5.5 mm	Mms	23 g	Weight	2.3 Kgs
Linear Excursion (XMax)	±6 mm	Rms	0.61 kg/s		
Maximum Excursion	24 mm	Bl	9.5 N/A		
Volume Displacement	0.7 Litres	Sensitivity (1w / 1m)	89 dB		
Connection	4.8mm Solder Terminals	VAS	22.6 L		
Chassis	High Pressure Diecast Aluminium	Le	0.67 mH		

Response Curve



Dimensions

