



NEW



Integra 424

Hybrid Integra Coaxial

Ø 4", Ø 2.1" voicecoil, 4Ω

SPECIFICATIONS

General Data

	DxH	Tweeter	Woofers
Overall Dimensions		118.5 mm(4.6")x 55 mm(2.1")	
Nominal Power Handling (DIN)	P	60W > 2500Hz , 12dB	
Transient Power 10ms		200W	500W
Sensitivity 2.83V/1M		89dB	88dB
Frequency Response		See graph	
Cone/Dome Material		Soft Dome	Composite Paper
Net Weight	Kg	0.49	

Electrical Data

	Z	Tweeter	Woofers
Nominal Impedance		4Ω	4Ω
DC Resistance	Re	3.5Ω	3.0Ω
Voice Coil Inductance @ 1KHz	LBM		0.15mH

Voice Coil and Magnet

	DIA	Tweeter	Woofers
Voice Coil Diameter		28 mm	54 mm
Voice Coil Height		2.0 mm	10mm
HE Magnetic Gap Height	HE	2.5mm	4mm
Max. Linear Excursion	X	±0.25mm	±3.0mm
Voice Coil Former			Aluminum
Voice Coil Wire		Copper	Hexatech™ Aluminum
Number Of Layers			2
Magnet System Type		Hybrid™ Neodymium/Ferrite	
B Flux Density	B		0.85 T
BL Product	BXL		4.32 N.A

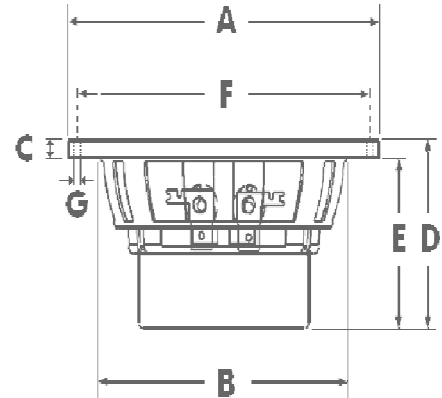
T-S Parameters

		Tweeter	Woofers
Suspension Compliance	Cms		0.35mm/N
Mechanical Q Factor	Qms	3.5	2.47
Electrical Q Factor	Qes	2.73	0.6
Total Q Factor	Qts	1.53	0.48
Mechanical Resistance	Rms		1.52 Kg/s
Moving Mass	Mms		5.0 g
Eq. Cas Air Load (liters)	VAS		2.0 Lt
Resonance Frequency	Fs	1100 Hz	120 Hz
Effective Piston Area	SD	6.15 cm ²	63 cm ²

FEATURES

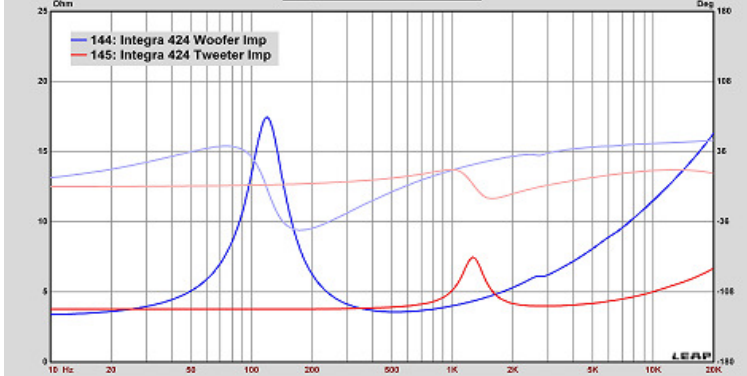
- ▶ Acuflex™ Hand Coated Soft Dome
- ▶ 2.1" Large Hexatech™ Aluminum Voice Coil
- ▶ Hybrid™ Neodymium/Ferrite magnet
- ▶ Time aligned tweeter-woofer configuration
- ▶ High power handling

Unit Dimensions

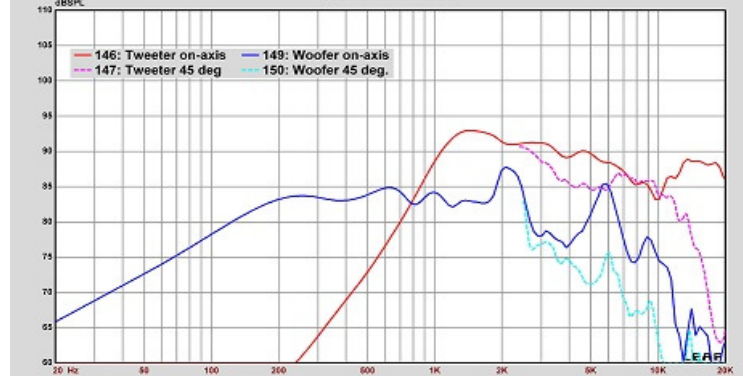


A - Overall diameter	118.5mm
B - Cut out diameter	Ø 94mm
C - Flange thickness	5.4 mm
D - Overall height	55 mm
E - Basket depth	50 mm
F - Mounting holes location diameter	110 mm
G - 4 Mounting holes, at 90° interval, inner hole diameter	Ø 3.4 mm

Impedance vs Freq



SPL vs Freq



Driver is mounted rigidly in free air with no baffle or enclosure. Input signal is a stepped sinusoidal at 1VRMS. Impedance is measured using constant-voltage method. No smoothing was applied.

Driver was mounted rigidly on an IEC baffle. Microphone distance is 0.5m, input voltage 2.83VRMS and normalized to 1m. 1/12 octave smoothing was applied.