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Integra 424
Hybrid Integra Coaxial
Ø 4", Ø 2.1" voicecoil, 4Ω

SPECIFICATIONS

General Data		Tweeter	Woofer
Overall Dimensions	**DxH**	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		Tweeter	Woofer
Nominal Impedance	**Z**	4Ω	4Ω
DC Resistance	**Re**	3.5Ω	3.0Ω
Voice Coil Inductance @ 1KHz	**LBM**		0.15mH

Voice Coil and Magnet		Tweeter	Woofer
Voice Coil Diameter	**DIA**	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	Woofer
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
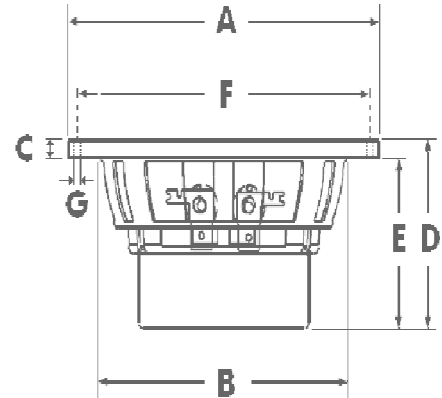
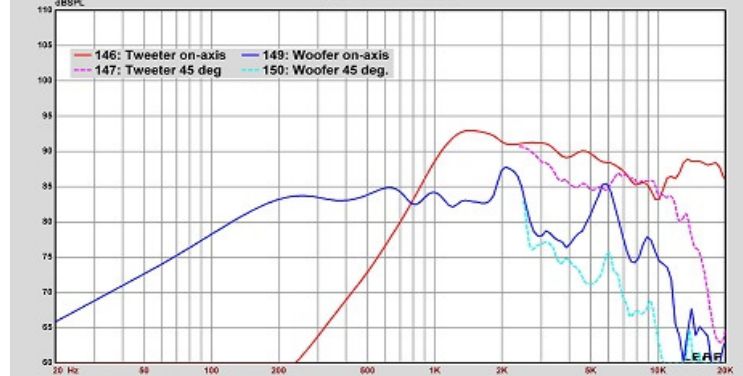|	
A - Overall diameter	118.5mm
B - Cut out diameter	Ø 94mm
C - Flange thickness	5.4 mm
D - Overall height	55 mm
E - Basket depth	50 mm
F - Mounting holes location diameter	110 mm
G - 4 Mounting holes, at 90º interval,	
inner hole diameter	Ø 3.4 mm
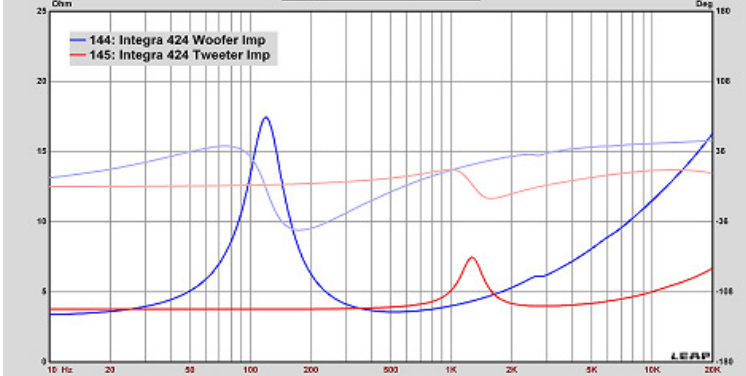
Driver is mounted rigidly in free air with no baffle or enclosure. Input signal is a stepped sinusoidal at 1VRMS. Impedance is measured using constant-voltage method. No smoothing was applied.

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.