



PowerSlim6 Integra

Ultra Slim Mid-woofer

Ø 6", Ø 2.1" voicecoil, 4Ω

SPECIFICATIONS

General Data

		Woofer	Tweeter
Overall Dimensions	DxH	160mm x 16.7mm(6.3" x 0.65")	
Nominal Power Handling (DIN)	P	80 watt	
Transient Power 10ms		160 watt	
Sensitivity 2.83V/1M		87 dB SPL	
Frequency Response		See graph	
Cone Material		Carbon sandwich 3 layer cone	
Net Weight	Kg	0.47	

Electrical Data

		Woofer	Tweeter
Nominal Impedance	Z	4Ω	8Ω
DC Resistance	Re	2.95Ω	
Voice Coil Inductance @ 1KHz	LBM	0.27mH	

Voice Coil and Magnet Parameters

Voice Coil Diameter	DIA	54mm
Voice Coil Height		9.5mm
HE Magnetic Gap Height	HE	4mm
Max. Linear Excursion	X	Mechanical ±6.5mm / Elec. ± 2.75mm
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		Neodymium Vented
B Flux Density	B	0.7 T
BL Product	BXL	4.24T

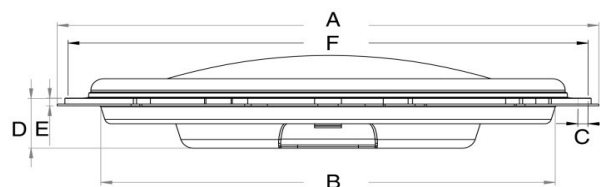
T-S Parameters

		Woofer	Tweeter
Suspension Compliance	Cms	0.35 mm/N	
Mechanical Q Factor	Qms	3.16	2.21
Electrical Q Factor	Qes	0.98	2.27
Total Q Factor	Qts	0.75	1.12
Mechanical Resistance	Rms	1.88 ΩM	
Moving Mass	Mms	12.46 g	
Eq. Cas Air Load (liters)	VAS	6.27 L	
Resonant Frequency	Fs	75 Hz	853 Hz
Effective Piston Area	SD	113 cm ²	

FEATURES

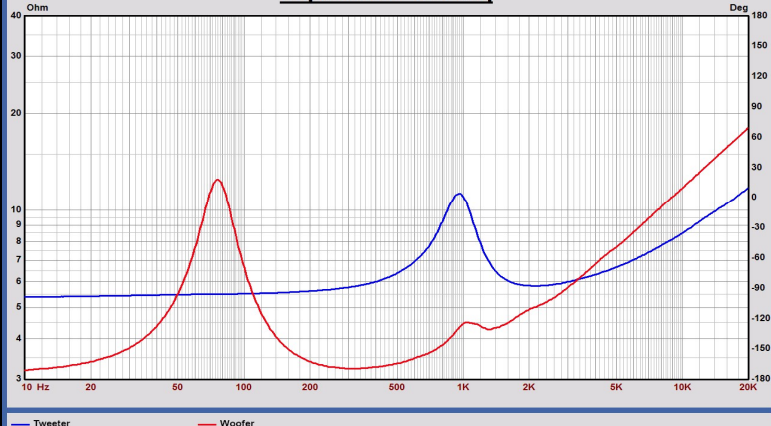
- ▶ Ultra Shallow Profile
- ▶ 2.1" Large Hexatech™ Aluminum voice coil
- ▶ Neodymium Magnet System
- ▶ High power handling
- ▶ 3 layer Carbon Cone with rohacell

UNIT DIMENSIONS

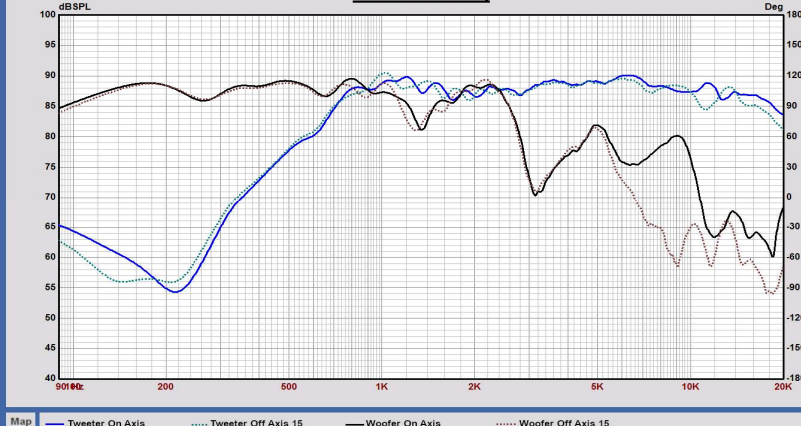


A - Overall diameter	160mm
B - Cut out diameter	134mm
C - Flange thickness	1.3mm
D - Overall height	33.4mm
E - Basket depth	14.1mm
F - Mounting holes location diameter	154mm
G - 4 Mounting holes, at 90° interval, inner hole diameter	Ø 3 mm

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.

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