

The goal of every Motus driver design is linear frequency response, low distortion and superb tonality.

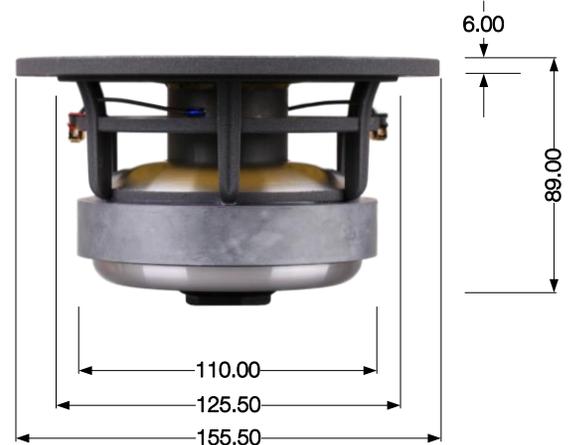
After hundreds of hours of refinement each driver allows for the application of a minimal crossover to achieve your desired target response.

Every Motus driver goes through a rigorous four stage quality control process to ensure that the driver in your loudspeaker represents the best Motus has to offer.

The UH130PC1 is a state of the art underhung coaxial midrange driver. A curvilinear cone was developed to achieve both smooth high frequency and linear midrange response. At the center of the driver is a pole mounted version of the spectacular Motus UH25CT1.



- Underhung voice coil
- Precision machined undercut pole piece
- Linear frequency response
- Acoustically transparent spider
- Ultra low distortion
- Vented voice coil
- FEA Optimized motor
- Symmetrical lead wire placement
- Pressed paper cone
- Gold plated terminals
- Vented pole piece
- Die cast aluminum basket
- Dual shorting rings
- Tweeter uses Cardas wire
- Aerodynamic basket design
- Ferrofluid cooled



### UH130PC1 - Parameters

#### Thiele / Small Parameters

Resonance Frequency	FS	59.29Hz
Mechanical Q	QMS	6.20
Electrical Q	QES	.41
Total Q Factor	QTS	.38
Force Factor	BL	7.72 Tm
Moving Mass	MMS	11.88 grams
Suspension Compliance	CMS	610 mm/N
Radiating Diameter	Dia.	110.50 mm
Radiating Area	SD	95.90 sq. cm
Equivalent Volume	VAS	7.83 liters
Sensitivity (2.83V / 1M)	SPL	87.57 dB

#### Electrical Parameters

DC Resistance	DCR	5.50 ohms
Nominal Impedance	NOM	6.00 ohms
Voice Coil Inductance	LE	.18 mH

#### Power Handling

Long Term Power Handling*	80 watts
Short Term Power Handling*	135 watts

#### Enclosure Volume\*\*

Sealed - Q.707	3.62 L (.128 cu ft)	105.41 Hz-3dB
Vented - QB3	6.79 L (.24 cu ft)	60.59 Hz -3dB

#### Magnet and Voice Coil

Voice Coil Diameter	44.20 mm
Voice Coil Winding Height	6.00 mm
Voice Coil Layers	4
Gap Height	14.00 mm
Linear Excursion Xmax	4.00 mm
Maximum Excursion	10.6 mm

#### Dimensions and Weight

Total Unit Weight	2.49 kg
Total Outside Diameter	155.50 mm
Total Depth	89.00 mm

\*IEC 268-5

\*\*Estimated volume, no added resistance

Thiele / Small parameters measured after 24 hours break in

All specifications are subject to change without notice