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Eighteensound TWEETER HD125 8ohm - Visokotonac



Šifra: 16348
Kategorija prozivoda: HF Driveri (Visokotonci)
Proizvođač: Eighteensound

Cena: 6.600,00 rsd

The HD125 diaphragm assembly is made in proprietary treated polyethylene material. This design maintains the minimum resonance frequency point value at 1600 Hz, extending the frequency response in the mid region when compared to HD120 compression driver.
The design of diaphragm and its surround in polyester material allow a best movement and stress control; the special radial ribs increase stiffness avoiding uncontrolled vibration modes in the usable frequency range.

An edge-wound aluminum voice coil, wounded on proprietary treated Nomex, completes diaphragm assembly. Thanks to its physical properties, the voice coil former shows 30% higher value of tensile elongation at working operative temperature (200°C) when compared to Kapton. This plus is capable to keep properly energy transfer control to the dome in real working conditions. Moreover, this particular former material is suitable to work also in higher moisture contents environments.

The polypropylene phase plug is the result of a meticulous design exercise. Its shape assures the correct acoustic impedance of the radiating dome, reducing distortion levels across a very wide frequency range. At the end, it results in a smooth coherent wavefront in the horn entrance, high thermal stability and manufacturing consistency.

The HD125 compact size and lightweight ceramic magnet assembly has been designed to obtain 16 KGauss in the gap.

1 inch exit throat
109 dB SPL 1W / 1m average sensitivity
25,4 mm (1 in) edgewound aluminum voice coil
50 Watt program power handling
Low weight, easy mounting and handling structure
Usable in two way or multiway systems

General

Product type	Compression driver

Brand	Eighteen Sound
Reference	HD125
Product code	DRV10D125PO08FA - 0421M8H100

Informations

Nominal impedance	8 ohm
Dimensional category	3.5 inch
Manufacturer sensitivity	109 dB
Nominal power handling	25 W
Max power handling	50 W
Bandwidth	2000÷18000 Hz
Recommended min cutoff frequency	2500 Hz
Exit dimension	1.0 inch

Datas

Flux density	1.65 T
Zmin	8 ohm
Weight	~0.8 kg

Dimensions

Voice coil diameter	1 inch
Outside diameter	87 mm
Depth	46 mm

Shape & Materials

Front chape	Cylindrical

Magnet type	Ferrite

Cene su informativnog karaktera. Prodavac ne odgovara za tačnost cena iskazanih na sajtu, zadržava pravo izmena cena. Ponudu za ostale artikle, informacije o stanju lagera i aktuelnim cenama možete dobiti na upit. Plaćanje se isključivo vrši virmanski - bezgotovinski.