

Eighteensound HD2000 8ohm - Visokotonac

Šifra: 10776
Kategorija proizvoda: HF Driveri (Visokotonci)
Proizvođač: Eighteensound

Cena: 23.880,00 rsd



HD2000 1.4 inch exit high frequency compression driver has been designed for use in high quality audio systems.

The titanium diaphragm is produced in-house and has been developed to assure unmatched transient response. A proprietary treated Nomex former with edge-wound copper-clad aluminum wire (CCAW) 60mm voice coil completes diaphragm assembly. It has been made by joining the proprietary-treated Nomex former directly to the titanium dome through its upper bend edge. In comparison with a usual straight former joint, the driver design assures extended frequency energy transfer for improved response linearity and unparalleled reliability. This feature maintains proper motion control of the dome in real working conditions.

Due to its physical properties, the proprietary-treated Nomex former shows a 30% higher value of tensile elongation at working operative temperatures (200°C) when compared to Kapton. Moreover, this material is suitable to work also in higher moisture-content environments. Equipped with Proprietary Phase Plug 3P architecture, the HD2000 has been designed to give a smooth coherent wave front at the horn entrance in all working frequency ranges with a high level manufacturing consistency.

The phase plug with its short openings and high flare rate, assures slow distortion with excellent mid-high frequency reproduction. The HD2000 powerful ceramic magnet assembly has been designed to obtain 16 kGauss in the gap within a compact ferrite motor structure. The motor structure is equipped with copper ring on the pole piece, reducing inductance effect and distortion.

General

Product type :
Compression driver
Brand : Eighteen Sound
Manufacturer reference
: HD2000
Product code :
DRV142000TI08FA -
0421T8H200

Informations

Nominal impedance : 8 ohm
Dimensional category : 6 inch
Manufacturer sensitivity : 108 dB
Nominal power handling : 70 W
Max power handling : 140 W
Bandwidth : 1000÷20000 Hz
Recommended min cutoff frequency : 1000 Hz
Exit diameter compression driver : 1.4 inch

Datas

Flux density : 1.6 T
Zmin : 7.6 ohm
Weight : ~2.8 kg

Dimensions

Voice coil diameter : 2.4 inch
Outside diameter : 145 mm
Depth : 65 mm

Shape & Materials

Front chape : Cylindrical
Magnet type : Ferrite