

## Eighteensound HD2000 8ohm - Visokotonac

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

**Cena: 23.880,00 rsd**

### Eighteensound HD2000 8ohm - Visokotonac

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 low 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