

Eighteensound ALT. 10W500 8ohm - Zvučnik

Šifra: 16346
Kategorija proizvoda: 10 Inča
Proizvođač: Eighteensound

Cena: 15.480,00 rsd



curvilinear cone is carried by a dampened linen, triple roll front suspension to control vibration modes that ensures good travel control and linear excursion. The 50 mm diameter copper wire voice coil employs the Interleaved Sandwich Voice coil (ISV) technology, where a high strength fiberglass former carries windings on both the outer and inner surfaces to achieve a mass balanced coil. This results in an extremely linear motor assembly which, in conjunction with the highly advanced design of the magnetic structure, provides a high force factor or BL. Another feature of 10W500 is the fine air channels between the chassis back plate and the top plate of the magnet, which draw heated air out from the voice coil gap and dissipate the energy through the chassis casting. The top and back plates of the magnet assembly have been designed to optimise flux density and BL factor in the air gap using our in-house FEA CAD facility.

General

Product type

Cone driver

Brand

Eighteen Sound

Reference

10W500

Product code

ALT100500WF08FA - 0221084310

Informations

Nominal impedance

8 ohm

Dimensional category

10.5 inch

Frequency coverage type

Low, Midbass, Midrange

Manufacturer sensitivity

98 dB

[Calculated sensitivity](#)

[95.21 dB](#)

Nominal power handling

280 W

Max power handling

400 W

Bandwidth

55 ÷ 4500 Hz

Fundamental parameters

Sd

350 cm²

Mms

33 gr

Cms

277 μm/N

Le

0.72 mH

Re

6 ohm

BL

14.6 T.m

Small signal parameters

Fs

53 Hz

Qes

0.31

Qms

4.22

Qts

0.29

Vas

45.2 L

Datas

Xmax

±5.5 mm

[EBP](#)

[171 Hz](#)

Zmin

7 ohm

Fs / Qts	183 Hz
Vas * Qts ²	3.81 L
Calculated efficiency	2.09 %
Weight	~4.7 kg

Dimensions

Voice coil diameter	2 inch
Outside diameter	260 mm
Baffle cutout diameter	232 mm
Depth	121 mm
Front thickness	14 mm
Depth after front	107 mm

Shape & Materials

Front chape	Cylindrical
Magnet type	Ferrite