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Eighteensound 18W1001 8ohm

Šifra: 15894
Kategorija prozivoda: 18 Inča i Veće
Proizvođač: Eighteensound



Cena: 38.280,00 rsd

The high excursion capabilities of the surround and suspension system, in conjunction with the Double Silicon Spider (DSS), enable the 18W2001 to achieve high levels of linear travel while maintaining full control of the moving mass. The high quality curvilinear cone assures smooth response and exceptional strength with maximum reliability under high mechanical stress. The 100mm diameter copper wire voice coil employs the Interleaved Sandwich Voice coil (ISV) technology, in which a high strength fiberglas former carries windings on both the outer and inner surfaces to achieve a balanced coil with a uniform distribution of mass and motive energy. This results in an extremely linear motor assembly. Maximum flux concentration and force factor in the gap is assured by the unique shape and design of the top and back plates, which have been researched and designed using our in-house magnetic flux FEA CAD resource. 18W2001 uses the voice coil ventilation technology developed for our flagship 9000 neodymium transducer series. A special low density multi-cell material air diffractor has been placed into the backplate acting as a cooling system, increasing power handling capability and lowering the power compression figure. As a final result Eighteen Sound engineers obtained almost 1 dB reduction in full power power compression value if compared to 18LW1400, and an increased program power handling value of 2400 Watt. 18W2001 is able to perform in adverse weather conditions or in areas of high humidity. This key feature has been achieved using an exclusive water repellent cone treatment and magnetic plate coating which resists against environmental corrosion.

General

Product type	Cone driver
Brand	Eighteen Sound
Reference	18W1001
Product code	ALT181001WF08FA

Informations

Nominal impedance	8 ohm
Dimensional category	18 inch
Frequency coverage type	Sub, Low
Manufacturer sensitivity	99 dB
Calculated sensitivity	98.65 dB
Nominal power handling	1000 W
Max power handling	1400 W
Bandwidth	37÷4700 Hz

Fundamental parameters

Sd	1134 cm²
Mms	139 gr
Cms	151 µm/N
Le	2.45 mH
Re	5.8 ohm
BL	27.6 T.m

Small signal parameters

Fs	35 Hz
Qes	0.24
Qms	7.1
Qts	0.23
Vas	268 L

Datas

Xmax	±7 mm
EBP	146 Hz
Fs / Qts	152 Hz
Vas * Qts²	14.18 L
Calculated efficiency	4.6 %
Weight	~12.9 kg

Dimensions

Voice coil diameter	4 inch
Outside diameter	462 mm
Baffle cutout diameter	416 mm
Depth	205 mm
Front thickness	19 mm
Depth after front	186 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.