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Eighteensound 18NLW9400 8ohm



Šifra: 11759
Kategorija prozivoda: 18 Inča i Veće
Proizvođač: Eighteensound

Cena: 41.880,00 rsd

The loudspeaker design provides clean and undistorted LF reproduction at a very high SPL and enables the transducer to withstand high power levels without damage. For optimum results we recommend amplifiers able to deliver 2400 Watt program power. The high grade neodymium magnet assembly is able to resist to the most demanding environmental operative conditions. 18NLW9400 features include a large displacement suspension system which, in conjunction with a fiberglass reinforced, straight ribbed cone and the Eighteen Sound proprietary Double Silicon Spider (DSS) technology, allows an ultra-linear piston action and provides full mechanical control across the entire working range. The 100mm (4 in) copper round wire state-of-the-art voice coil, based on Interleaved Sandwich Voice coil (ISV) technology, provides high levels of thermal stability and durability. The ISV technology achieves a balanced linear motor unit exerting an exceptionally high force factor. This is realised through a high strength fiberglas former with half the coil wound half on the outside and half on the inside and bonded together using unique high-temperature resin adhesives. 18NLW9400 is able to perform properly under inclement weather conditions: the exclusive cone treatment improves pulp strength and gives water repellent properties to both sides of the cone. In addition, the special treatment applied to top and back plates of the magnetic structure is far more resistant to the corrosive effects of salts and oxidization.

General Specifications

Nominal Diameter	460mm (18 in)
Rated Impedance	8 Ohm
AES Power	1200W
Program Power	2400W
Peak Power	7000W
Sensitivity	98 dB
Frequency Range	30 - 2500 Hz
Power Compression @-10dB	0,7 dB
Power Compression @-3dB	1,5 dB
Power Compression @Full Power	2,2 dB
Max Recomm. Frequency	500 Hz
Recomm. Enclosure Volume	110 - 350 lt. (3.9 - 12.36 cuft)
Minimum Impedance	6,1 Ohm at 25°C

Max Peak To Peak Excursion	50 mm (2 in)
Voice Coil Diameter	100 mm (4 in)
Voice Coil winding material	Copper round wire
Suspension	Triple roll, Treated Polycotton
Cone	Straight ribbed, Fiberglass reinforced cellulose

Thiele Small Parameters

Fs	33 Hz
Re	5 Ohm
Sd	0,1225 sq.mt. (189,88 sq.in.)
Qms	6,1
Qes	0,28
Qts	0,26
Vas	268 lt. (9.47 cuft)
Mms	180 gr. (0.40 lb)
BL	26 Tm
Linear Mathematical Xmax	±9,5 mm (±0,37 in)
Le (1kHz)	1,90 mH
Ref. Efficiency 1W@1m (half space)	97,4 dB

Mounting information

Overall diameter	462 mm (18,19 in)
N. of mounting holes and bolt	8
Mounting holes diameter	8,5 mm (0,33 in)
Bolt circle diameter	438-440 mm (17,24-17,32 in)
Front mount baffle cutout ø	416 mm (16,38 in)
Rear mount baffle cutout ø	422 mm (16,61 in)
Total depth	223,5 mm (8,8 in)
Flange and gasket thickness	26 mm (1,02 in)
Net weight	8,7 kg (19,2 lb)
Shipping weight	10,4 kg (22,92 lb)
Packaging Dimensions	10,4 kg (22,92 lb)

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.