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Eighteensound 12W750 - Zvučnik

Šifra: 09261
Kategorija prozivoda: 12 Inča
Proizvođač: Eighteensound

Cena: 23.880,00 rsd



The curvilinear paper cone has been made from a special high strength woodpulp designed to achieve the best possible linearity within its intended frequency range and to control bell-mode resonances around the cone circumference. The cone is carried by an unusually deep profile, triple roll suspension made from a polycotton material which is more resistant to aging and fatigue than traditional cotton-based ones. The 75 mm (3 inch) diameter aluminum 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 mass balanced coil. This results in an extremely linear motor assembly with a reduced tendency for eccentric behavior when driven hard. The magnetic structure has been optimized using FEACAD resource to maximize the flux density in the voice coil gap. Voice coil cooling has been achieved by incorporating airways between the chassis back plate and the top plate of the magnet, allowing heated air from the voice coil and gap to be channeled away and dissipated by the chassis basket. Due to the increasing use of audio systems at outdoor events, the ability to perform in adverse weather conditions or in high-humidity areas is an essential feature of the 12W750. This has been achieved using an exclusive cone and magnet plate treatment process which increases resistance to corrosion and renders the cone water repellent.

General Specifications

Nominal Diameter	300 mm (12 in)
Rated Impedance	8 Ohm
AES Power	600 W
Program Power	1200 W
Peak Power	2500 W
Sensitivity	97 dB
Frequency Range	50 ÷ 4600 Hz
Power Compression @-10dB	0,9 dB
Power Compression @-3dB	2,8 dB
Power Compression @Full Power	3,8 dB
Max Recomm. Frequency	1800 Hz
Recomm. Enclosure Volume	40 ÷ 90 lt. (1,41 ÷ 3,18 cuft)
Minimum Impedance	6,4 Ohm at 25°C
Max Peak To Peak Excursion	38 mm (1,50 in)
Voice Coil Diameter	75 mm (3 in)

Voice Coil Winding Material	aluminum
Suspension	Triple Roll, Polycotton
Cone	Curvilinear, water repellent high damping pulp

Thiele Small Parameters

Fs	49 Hz
Re	5,2 Ohm
Sd	0,0531 sq.mt. (82,31 sq.in.)
Qms	7,00
Qes	0,30
Qts	0,28
Vas	73 lt. (2,58 cuft)
Mms	57 gr. (0,13 lb)
BL	18 Tm
Linear Mathematical Xmax	± 8 mm (± 0,31 in)
Le (1kHz)	0,95 mH
Ref. Efficiency 1W@1m (half space)	96,6 dB

Mounting information

Overall diameter	310 mm (12,2 in)
N. of mounting holes and bolt	8
Mounting holes diameter	5,90 mm (0,23 in)
Bolt circle diameter	295 mm (11,61 in)
Front mount baffle cutout ø	280 mm (11,02 in)
Rear mount baffle cutout ø	280 mm (11,02 in)
Total depth	148 mm (5,83 in)
Flange and gasket thickness	13,5 mm (0,53 in)
Net weight	7,5 kg (16,5 lb)
Shipping weight	8,3 kg (18,26 lb)
CardBoard Packaging dimensions	332 x 332 x 184 mm (13,07 x 13,07 x 7,24 in)

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.