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Eighteensound 15W930 - Zvučnik

Šifra: 09260
Kategorija prozivoda: 15 Inča
Proizvođač: Eighteensound

Cena: 23.880,00 rsd



The deep profile curvilinear cone, made with high strength wood pulp, has been designed to achieve the best possible linearity within its frequency range. The cone surround, made from a linen material, is highly resistant to aging and fatigue. The in-house developed cone treatment is humidity repellent and significantly dampens bell mode resonances. The 75mm (3in) copper edge-wound voice coil assembly is wound on a strong fiberglas former to improve force transmission and power handling. The already low distortion and high sound quality are further improved by the aluminum demodulating ring (SDR) used to reproduce instantaneous peak on mid frequencies, reducing intermodulation distortion. The magnetic structure has been optimized using our FEA CAD software that has maximized the flux density in the voice coil gap. Excellent heat dissipation has also been achieved by incorporating air channels between the basket and the magnetic top plate. Due to the increase in use of audio systems at outdoor events, the ability of the 15W930 to perform in adverse weather conditions or in areas of high humidity is a great advantage. This has been achieved using exclusive treatments which enable the cone and the magnetic plate to resist corrosion and render the cone water repellent at the same time.

General Specifications

Nominal Diameter	380 mm (15 in)
Rated Impedance	8 Ohm
AES Power	500 W
Program Power	800 W
Peak Power	1600 W
Sensitivity	98 dB
Frequency Range	50 ÷ 3600 Hz
Power Compression @-10dB	0,6 dB
Power Compression @-3dB	1,9 dB
Power Compression @Full Power	2,8 dB
Max Recomm. Frequency	1700 Hz
Recomm. Enclosure Volume	60 ÷ 140 lt. (2,12 ÷ 4,95 cuft)
Minimum Impedance	7,2 ohm at 25°C
Max Peak To Peak Excursion	33 mm (1,30 in)
Voice Coil Diameter	75 mm (3 in)
Voice Coil Winding Material	Edgewound Copper

Suspension	M-roll, Polycotton
Cone	Curvilinear, humidity repellent

Thiele Small Parameters

Fs	33 Hz
Re	5,5 Ohm
Sd	0,086 sq.mt. (132.53 sq.in.)
Qms	8,78
Qes	0,23
Qts	0,22
Vas	240 lt. (8,46 cuft)
Mms	97 gr. (0,21 lb)
BL	22,1 Tm
Linear Mathematical Xmax	± 7,5 mm (± 0,30 in)
Le (1kHz)	1,47 mH
Ref. Efficiency 1W@1m (half space)	97,9 dB

Mounting information

Overall diameter	393 mm (15,47 in)
N. of mounting holes and bolt	8
Mounting holes diameter	7,15 mm (0,28 in)
Bolt circle diameter	371 mm (14,6 in)
Front mount baffle cutout ø	360 mm (14,17 in)
Rear mount baffle cutout ø	354 mm (13,94 in)
Total depth	185 mm (7,28 in)
Flange and gasket thickness	14 mm (0,55 in)
Net weight	7,6 kg (16,7 lb)
Shipping weight	9,1 kg (20,06 lb)
CardBoard Packaging dimensions	405 x 405 x 252 mm (15,94 x 15,94 x 9.92 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.