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Eighteensound 15LW1500 - Zvučnik



Šifra: 04877
Kategorija prozivoda: 15 Inča
Proizvođač: Eighteensound

Cena: 41.880,00 rsd

Extended LF Ferrite Driver 8 Ohm
96 dB SPL 1W / 1m average sensitivity
100 mm (4 in) Interleaved Sandwich Voice coil (ISV)
1000 W AES power handling
Double Silicon Spider (DSS) for improved excursion control and linearity
Improved heat dissipation via unique basket design
Weather protected cone and plates for outdoor usage
Ideal for very low distortion, studio quality subwoofer

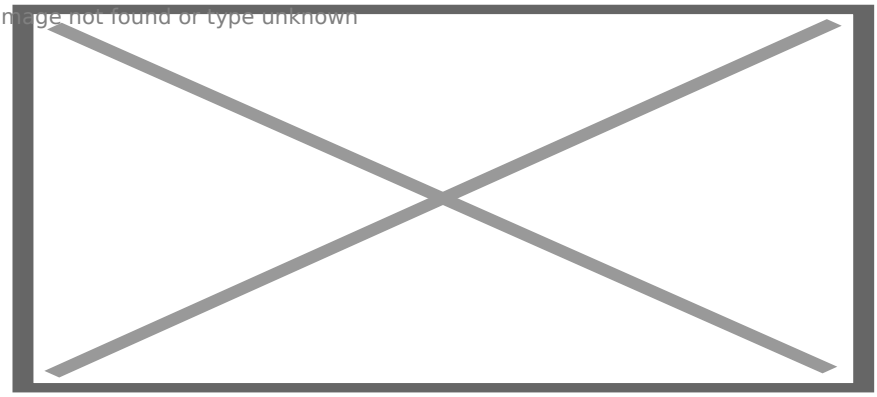
GENERAL SPECIFICATIONS	
Nominal Diameter	380 mm (15 in)
Rated Impedance	8 Ohm
AES Power	1000 W
Program Power	1400 W
Peak Power	7000 W
Sensitivity	96 dB
Frequency Range	40 ÷ 2000 Hz
Power Compression @-10dB	0,7 dB
Power Compression @-3dB	2,3 dB
Power Compression @Full Power	3,2 dB
Max Recomm. Frequency	500 Hz
Recomm. Enclosure Volume	70 ÷ 140 lt. (2,47 ÷ 4,95 cuft)
Minimum Impedance	6,7 Ohm at 25°C
Max Peak To Peak Excursion	39 mm (1,53 in)
Voice Coil Diameter	100 mm (3,95 in)
Voice Coil Winding Material	copper
Suspension	Single roll, Rubber
Cone	Straight ribbed, Paper

THIELE SMALL PARAMETERS	
Fs	34 Hz
Re	5 Ohm
Sd	0,090 sq.mt. (139,5 sq.in.)
Qms	11,5
Qes	0,29
Qts	0,28
Vas	195 lt. (6,9 cuft)
Mms	130 gr. (0,63 lb)
BL	22,1 Tm
Linear Mathematical Xmax	± 9 mm (±0,35 in)
Le (1kHz)	2,4 mH
Ref. Efficiency 1W@1m (half space)	96,2 dB

MOUNTING INFORMATIONS	
Overall diameter	387 mm (15,23 in)
N. of mounting holes	8
Mounting holes diameter	7,15 mm (0,28 in)
Bolt circle diameter	370 - 371 mm (14,55 - 14,6 in)
Front mount baffle cutout ø	353 mm (13,90 in)
Rear mount baffle cutout ø	357 mm (14,06 in)
Total depth	165,9 mm (6,53 in)
Flange and gasket thickness	24 mm (0,94 in)
Net weight	12,4 kg (27,37 lb)
Shipping weight	13,4 kg (29,58 lb)
CardBoard Packaging dimensions	405 x 405 x 214 mm (15,94 x 15,94 x 8,43 in)

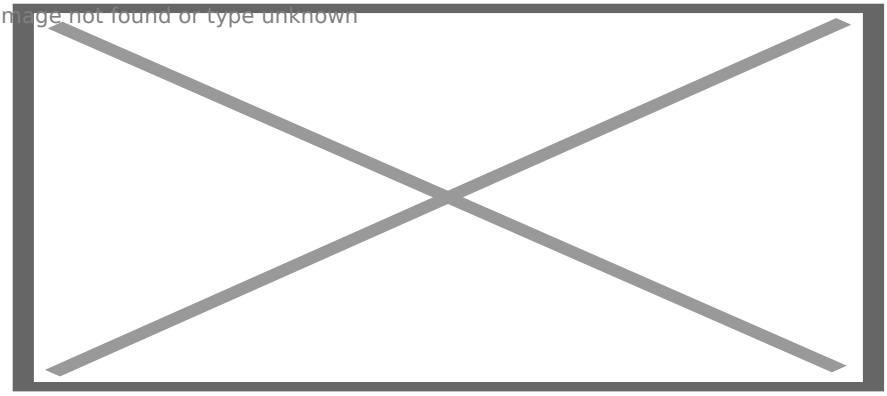
FREQUENCY RESPONSE CURVE OF 15LW1500 MADE ON 125 LIT. ENCLOSURE TUNED 50HZIN FREE FIELD (4PI) ENVIRONMENT. ENCLOSURE CLOSES THE REAR OF THE DRIVER. THE THIN LINE REPRESENTS 45 DEG. OFF AXIS FREQUENCY RESPONSE.

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FREE AIR IMPEDANCE MAGNITUDE CURVE

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The 15LW1500 is a low frequency loudspeaker which sets a new industry standard in 15" (380 mm) high performance transducers, achieving a remarkable 34 Hz downwards extension with 96 dB average sensitivity and handling peak power levels of 7000 W.
The 15LW1500 has been designed for use as a low bass or subwoofer component in either highly compact reflex, bandpass or horn loaded configurations. It provides clean, linear frequency reproduction at high power levels, as part of a compact high power fullrange system. In its reflex configuration, it can be used in extremely compact enclosures (75 lt) making it also suitable for portable applications, such as, road shows and bass musical instruments.
The low noise and high excursion capabilities of the double-action roll surround and suspension system, in conjunction with the Eighteen Sound Double Silicon Spider (DSS), enable the 15LW1500 to achieve very high levels of linear travel for a 15" unit.
The already low distortion and unmistakable sound quality of this loudspeaker is further improved using Double Demodulating Rings (DDR), designed to dramatically reduce the intermodulation and harmonic distortion while improving the transient response.
The 100mm copper 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 that results in an extremely linear motor assembly.
The carbon fiber reinforced straight ribbed cone assures smooth response and exceptional strength with maximum reliability under high mechanical stress.
Excellent heat dissipation has been achieved by incorporating air channels between the basket and top plate of the magnet. Further ventilation is provided using air vents in the back plate to direct air into the lower part of the voice coil gap.
Due to the increase in use of high power audio systems at outdoor events or in marine environments, the ability to perform properly under inclement weather conditions is a key feature in the Eighteen Sound philosophy. This has been achieved thanks to an exclusive cone treatment improving pulp strength which gives water repellent properties to both sides of the cone. In addition, a special treatment is applied to the top and back plates which is far more resistant to the corrosive effects of salts and oxidization than any other treatment in use today.

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.