

Eighteensound 18LW2420 80HM

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Šifra: 15633

Kategorija proizvoda: 18 Inča i Veće

Proizvođač: Eighteensound

Cena: **35.880,00** rsd

For optimum results we recommend amplifiers able to deliver 2600 Watt program power without clipping. Transducer design features include a large displacement suspension system which, in conjunction with a fiberglass reinforced, straight ribbed cone, allows an ultra-linear piston action and provides full mechanical control across the entire working range. The 100 mm (4 in) inside-outside copper voice coil based on Interleaved Sandwich Voice coil (ISV) technology provides high levels of thermal stability and durability. In order to furtherly increase power handling and reduce power compression figure, 18LW2420 uses the same voice coil ventilation technology developed for our flagship 9000 neodymium transducer series. A special low density material air diffractor has been placed into the backplate acting as a cooling system, increasing power handling capability and lowering the power compression figure. The low distortion and unmatched sound quality of the 18LW2420 has been significantly improved by Single Demodulating Ring (SDR) embedded in the pole piece of the magnetic structure. These have been designed to reduce the intermodulation and harmonic distortion while improving the transient response. The magnetic structure has been optimized through advanced FEA CAD simulation tools. 18LW2420 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.

## Specifications

Nominal Impedance **8  $\Omega$**

Nominal Power Handling<sup>1</sup> **1300 W**

Continuous Power Handling<sup>2</sup> **2600 W**

Sensitivity<sup>3</sup> **97.0 dB**

Frequency Range **30 - 2500 Hz**

Voice Coil Diameter **100 mm (4.0 in)**