

Eighteensound 12ND830 80hm

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Cena: **35.880,00** rsd



The 12ND830 is a 300mm (12 in) neodymium Mid-bass transducer, and differs from the 12ND930 in the wire conception, offering a lighter speaker with a lower force factor. The 12ND830 finds its ideal application in compact reflex enclosures where a considerable amount of low frequencies and low distortion are required. Its optimum low weight makes it suitable for fixed installations or portable professional loudspeaker systems. The neodymium magnet assembly developed by Eighteen Sound engineers assures a high flux concentration, low power compression and excellent heat exchange since the external magnet configuration is considerably more efficient than traditional under-pole magnet topology. The direct contact between the large heat sink and the specially designed basket, together with the magnetic structure, represents a fundamental improvement in thermal connection and heat dissipation. The result is increased power handling capabilities and lower power compression. The deep profile curvilinear cone, made from a special high strength wood pulp, has been designed to achieve the best possible linearity within its frequency range. The cone surround, made from linen material is highly resistant to aging and fatigue. The in-house developed cone treatment is fully water repellent and also gives a significant degree of rigidity to the cone. The 75 mm Interleaved Sandwich Voice coil (ISV) assembly is wound on a strong fibreglas former which improves force transmission and thermal power handling. A special coating applied to both the top and back plates makes the 12ND830 far more resistant to the corrosive effects of salts and oxidization.