

Eighteensound 12W500 8 Ohm - Zvučnik

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Šifra: 11315
 Kategorija proizvoda: 12 Inča
 Proizvođač: Eighteensound

Cena: **14.280,00** rsd

The high quality paper cone has a smooth, curvilinear profile design that eliminates bell-mode resonances within the intended frequency range. This is carried by a specially treated, dampened double half-roll linen suspension which has been designed to control excursion maintaining the piston action linearity. The 12W500 employs the Interleaved Sandwich Voice coil (ISV) technology, in which a high strength fiberglass 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. Voice coil cooling is 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.

Key Features

99,5 dB SPL 1W / 1m average sensitivity

65 mm (2,5 in) Interleaved Sandwich Voice coil (ISV)
 Excellent transient response
 Ideal for compact two way systems

350 W
 Impro

General Specifications

| | |
|-------------------------------|---------------------------------|
| Nominal Diameter | 300 mm (12 in) |
| Rated Impedance | 8 Ohm |
| AES Power | 350 W |
| Program Power | 500 W |
| Peak Power | 1000 W |
| Sensitivity | 99,5 dB |
| Frequency Range | 50 - 6000 Hz |
| Power Compression @-10dB | 0,7 dB |
| Power Compression @-3dB | 2,5 dB |
| Power Compression @Full Power | 4,1 dB |
| Max Recomm. Frequency | 2500 Hz |
| Recomm. Enclosure Volume | 50 - 100 lt. (1,77 - 3,53 cuft) |
| Minimum Impedance | 6,4 Ohm at 25°C |
| Max Peak To Peak Excursion | 22 mm (0,87 in) |
| Voice Coil Diameter | 64 mm (2,5 in) |
| Voice Coil winding material | aluminum |
| Suspension | M-roll, Polycotton |
| Cone | Curvilinear, Paper |

Thiele Small Parameters

| | |
|-----|------------------------------|
| Fs | 46 Hz |
| Re | 5,2 Ohm |
| Sd | 0,0531 sq.mt. (82,31 sq.in.) |
| Qms | 6,02 |

| | |
|------------------------------------|---------------------|
| Qes | 0,38 |
| Qts | 0,36 |
| Vas | 123 lt. (4,34 cuft) |
| Mms | 36,5 gr. (0,08 lb) |
| BL | 12,1 Tm |
| Linear Mathematical Xmax | ± 4 mm (±0,16 in) |
| Le (1kHz) | 1,12 mH |
| Ref. Efficiency 1W@1m (half space) | 97,2 dB |

Mounting information

| | |
|-------------------------------|--------------------------------|
| Overall diameter | 315 mm (12,4 in) |
| N. of mounting holes and bolt | 8 |
| Mounting holes diameter | 7,15 mm (0,28 in) |
| Bolt circle diameter | 296 - 300 mm (11,65 - 11,8 in) |
| Front mount baffle cutout ø | 282 mm (11,1 in) |
| Rear mount baffle cutout ø | 282 mm (11,1 in) |
| Total depth | 141 mm (5,55 in) |
| Flange and gasket thickness | 16,5 mm (0,65 in) |
| Net weight | 4,5 kg (9,93 lb) |
| Shipping weight | 5,7 kg (12,56 lb) |
| Packaging Dimensions | 5,7 kg (12,56 lb) |