

Lautsprecher PA > RCF > 18 Zoll > (StÃ¼ck) RCF 46cm TieftÃ¶ner L18P300 - 8 Ohm

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Artikelnummer: RCF-L18P300/8

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Hersteller: RCF

In production for over 10 years, the L18P300 is an industry standard.

The very strong magnetic unit, with 15mm thick plates and specially designed suspensions ensure an excellent control of amplitude of over +/- 12 millimeters.

The special cooling system with forced air ventilation offer a great heat dissipation and the minimum levels of power compression available on the market.

Voice coil construction, suspensions and cone materials are upgraded in order to withstand up to a Kilowatt RMS power.

Features

- 4-inch, fiberglass inside/outside copper voice coil
- 2000W continuous program power handling
- 97 dB Sensitivity
- 35 Hz – 1.5 kHz Frequency range
- Forced air ventilation and 15mm top plate for minimum power compression
- Dual spider design with silicon based dampening control
- M-roll surround and exponential cone geometry

General Specifications

- Nominal Diameter: 460 / 18 mm/inch
- Rated Impedance: 8 Ω
- Program Power: 2000 W AES
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- Power handling capacity:1000 W AES
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- Sensitivity:97 dB
-
- Frequency Range:35 Hz ÷ 1000 Hz
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- Effective Piston Diameter:380 / 15 mm/inch
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- Max Excursion Before Damage (peak to peak):40 / 1.6 mm/inch
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- Minimum Impedance:6.0 Ω ;
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- Voice Coil Diameter:100 / 4 mm/inch
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- Voice Coil Material:Copper
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- Voice Coil Winding Depth:23 / 0.9 mm/inch
-
- Number of layers:inside / outside
-
- Kind of layer:2
-
- Top Plate Thickness:15 / 0.6 mm/inch
-
- Cone Material:No pressed pulp
-
- Cone Design:Curved
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- Surround Material:Polycotton
-
- Surround Design:M - roll

Thiele/Small Parameters

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- Resonance frequency:33 Hz
-
- DC resistance:5.0 Ω ;
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- Mechanical factor:8.3
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- Electrical factor:0.34
-
- Total factor:0.33
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- BL Factor:23.5 T \cdot m
-
- Effective Moving Mass:180 g
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Equivalent Cas air load:226 liters

- Effettive piston area:0.113 m²;
- Max. linear excursion (mathematical):7.8 mm
- Voice - coil inductance @ 1kHz:1.9 mH
- Half-space efficiency:2.30%

Mounting information

- Overall Diameter:470 / 18.5 mm/inch
- Bolt Circle Diameter:438 / 17.2 mm/inch
- Bolt Hole Diameter:8 / 0.3 mm/inch
- Front Mount Baffle Cut-out:416 / 16.4 mm/inch
- Rear Mount Baffle Cut-out:416 / 16.4 mm/inch
- Depth:209 / mm/inch
- Volume occupied by the driver:6.5 / 0.23 liters/ft³;
- Net Weight:14 / 31.1 kg/lbs

Shipping information

- Shipping weight:14.8 / 32.9 kg/lbs

Preis: 329,00 EUR [inkl. 19% MwSt zzgl. Versandkosten]

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