

Lautsprecher PA > RCF > 18 Zoll > (StÃ¼ck) RCF 46cm TieftÃ¶ner LF18X401

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Artikelnummer: RCF-LF18X401

(StÃ¼ck) RCF 46cm TieftÃ¶ner LF18X401

Hersteller: RCF

Very linear frequency response characteristics, extreme high power handling while generating the lowest harmonic distortion of any comparable 18-inch transducer within its application range.

The LF18X401 uses a fibre loaded cone assembly along with a high excursion triple roll surround. This combination provides remarkable strength and a peak to peak maximum excursion of 50 mm. The new dual forced hyper-venting system guarantee a very efficient voice coil ventilation for minimum power compression and incredible power handling.

Features

- 4-inch, fiberglass inside/outside copper voice coil
- 3000W continuous program power handling
- 97.5 dB Sensitivity
- 25 Hz – 1 kHz Frequency range
- Dual Forced Hyperventing System
- Dual spider design with silicon based dampening control
- Triple-roll surround and corrugated straight cone geometry

General Specifications

- Nominal Diameter: 460 / 18 mm/inch
- Rated Impedance: 8 Ω
- Program Power: 3000 W AES
- Power handling capacity: 1500 W AES
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Sensitivity:97.5 dB

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- Frequency Range:25 Hz ÷ 1000 Hz
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- Effective Piston Diameter:395 / 15.6 mm/inch
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- Max Excursion Before Damage (peak to peak):50 / 1.97 mm/inch
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- Minimum Impedance:6.5 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:30 / 1.18 mm/inch
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- Number of layers:2
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- Kind of layer:inside / outside
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- Top Plate Thickness:15 / 0.6 mm/inch
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- Cone Material:No pressed pulp
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- Cone Design:Straight
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- Surround Material:Polycotton
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- Surround Design:Triple roll

Thiele/Small Parameters

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- Resonance frequency:30 Hz
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- DC resistance:5.4Ω
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- Mechanical factor:7.4
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- Electrical factor:0.31
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- Total factor:0.30
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- BL Factor:26.5 T ċ m
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- Effective Moving Mass:215 g
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- Equivalent Cas air load:274 liters
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Effettive piston area:0.122 m²;

- Max. linear excursion (mathematical):11.5 mm
- Voice - coil inductance @ 1kHz:2,5 mH
- Half-space efficiency:2.30%

Mounting information

- Overall Diameter:465 / 18.3 mm/inch
- Bolt Circle Diameter:442-447 / 17.4-17.6 mm/inch
- Bolt Hole Diameter:6.5 / 0.25 mm/inch
- Front Mount Baffle Cut-out:424 / 16.7 mm/inch
- Rear Mount Baffle Cut-out:424 / 16.7 mm/inch
- Depth:188 / 7.4 mm/inch
- Volume occupied by the driver:6.5 / 0.23 liters/ft³;
- Net Weight:13.3 / 29.3 kg/lbs

Shipping information

- Shipping weight:14.3 / 31.5 kg/lbs

Preis: 395,00 EUR [inkl. 19% MwSt zzgl. Versandkosten]

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