

Lautsprecher PA > RCF > 21 Zoll > (St $\tilde{A}$ $\frac{1}{4}$ ck) RCF 54cm Tieft $\tilde{A}$ $\frac{1}{4}$ ner LF21X451

(St $\tilde{A}$ $\frac{1}{4}$ ck) RCF 54cm Tieft $\tilde{A}$ $\frac{1}{4}$ ner LF21X451

Artikelnummer: RCF-LF21X451

(St $\tilde{A}$ $\frac{1}{4}$ ck) RCF 54cm Tieft $\tilde{A}$ $\frac{1}{4}$ ner LF21X451

Hersteller: RCF



The LF21X451 low frequency transducer is the result of many years of R&D developments with the goal of creating new levels of professional audio performance standards. This products features advancements and improvements in all the key areas of transducer technology.

Incredibly linear frequency response characteristics, the highest power handling of any comparable transducer, the lowest power compression. The LF21X451 features a fibre loaded cone assembly along with a high excursion triple roll, constant geometry surround: this combination provides remarkable strength and a peak to peak maximum excursion of 54 mm. The new dual forced hyper-venting system guarantee a very efficient voice coil ventilation for minimum power compression and incredible power handling.

Features

- 4,5 - inch fiberglass Inside/Outside copper voice coil
- 4000 Watt continuous program power handling
- 97 dB Sensitivity
- 28 Hz - 1 kHz Frequency range
- Dual-forced air ventilation for minimum power compression
- Dual spider designed with silicon based damping control
- BL of 30.5 Txm to provide a faster and accurate low frequency

General Specifications

- Nominal Diameter: 530 / 21 mm/inch

Lautsprecher PA > RCF > 21 Zoll > (St $\tilde{A}$ $\frac{1}{4}$ ck) RCF 54cm Tieft $\tilde{A}$ $\frac{1}{4}$ ner LF21X451

(St $\tilde{A}$ $\frac{1}{4}$ ck) RCF 54cm Tieft $\tilde{A}$ $\frac{1}{4}$ ner LF21X451

- Rated Impedance:8 Ω
- Program Power:4000 W AES
- Power handling capacity:2000 W AES
- Sensitivity:97 dB
- Frequency Range:28 Hz ÷ 1000 Hz
- Effective Piston Diameter:470 / 18.5 mm/inch
- Max Excursion Before Damage (peak to peak):54 / 2.12 mm/inch
- Minimum Impedance:6.7 Ω
- Voice Coil Diameter:115 / 4.5 mm/inch
- Voice Coil Material:Copper
- Voice Coil Winding Depth:34 / 1.33 mm/inch
- Number of layers:2
- Kind of layer:inside / outside
- Top Plate Thickness:15 / 0.6 mm/inch
- Cone Material:No pressed pulp
- Cone Design:Curved
- Surround Material:Polycotton
- Surround Design:Triple roll

Thiele/Small Parameters

- DC resistance:5.4 Ω
- Mechanical factor:6.9
- Electrical factor:0.39
- Total factor:0.37
- BL Factor:30.5 T $\cdot$ m

Lautsprecher PA > RCF > 21 Zoll > (St $\tilde{A}$ $\frac{1}{4}$ ck) RCF 54cm Tieft $\tilde{A}$ $\frac{1}{4}$ ner LF21X451

(St $\tilde{A}$ $\frac{1}{4}$ ck) RCF 54cm Tieft $\tilde{A}$ $\frac{1}{4}$ ner LF21X451

- Effective Moving Mass:355 g
- Equivalent Cas air load:385 liters
- Effettive piston area:0.173 m²;
- Max. linear excursion (mathematical):13.5 mm
- Voice - coil inductance @ 1kHz:2.9 mH
- Half-space efficiency:2.2%

Mounting information

- Overall Diameter:547 / 21.5 mm/inch
- Bolt Circle Diameter:527 / 20.7 mm/inch
- Bolt Hole Diameter:6.5 / 0.25 mm/inch
- Front Mount Baffle Cut-out:512 / 20.1 mm/inch
- Rear Mount Baffle Cut-out:512 / 20.1 mm/inch
- Depth:230 / 9.05 mm/inch
- Volume occupied by the driver:6.5 / 0.229 liters/ft³;
- Net Weight:15.5 / 34.0 kg/lbs

Shipping information

- Shipping weight:17.59 / 26.6 kg/lbs

Preis: 620,00 EUR [inkl. 19% MwSt zzgl. Versandkosten]

Lautsprecher PA > RCF > 21 Zoll > (StÃ¼ck) RCF 54cm TieftÃ¶ner LF21X451

(StÃ¼ck) RCF 54cm TieftÃ¶ner LF21X451

Im Shop aufgenommen am Mittwoch, 05. Mai 2014