

Lautsprecher PA > 18Sound > 18 Zoll > (St $\tilde{A}$ $\frac{1}{4}$ ck) 18-sound 46cm Bass 18 NLW 9601

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18
EIGHTEEN
SOUND
EighteenSound.com

Artikelnummer: 18S-18NLW9601

(St $\tilde{A}$ $\frac{1}{4}$ ck) 18-sound 46cm Bass 18 NLW 9601

Hersteller: X!Max Lautsprechertechnik

18" ISV (Innen/außen gewickelte Spule), DSS (Doppelzentrierung), Demodulationsring zur Verringerung von Verzerrungen. 1800 W AES, 135mm VC, 97 dB/W/m, 8 Ohm, Xmax +/-14mm. Beschichtete Membran. Neodymmagnetsystem, dadurch nur 12,5kg Gewicht. BR 100-200l

Key Features

- 97 dB SPL 1W / 1m average sensitivity
- 135 mm (5.3 in) split winding four layers ISV aluminum voice coil
- 3600 W program power handling
- Carbon fiber reinforced cellulose cone
- Double Silicon Spider (DSS) for improved excursion control
- Aluminum demodulating ring (SDR) for lower distortion
- High force neodymium magnet assembly
- Weather protected cone and plates for outdoor usage
- Suitable for reflex, bandpass or horn loaded high SPL subwoofer systems

General Specifications

Nominal Diameter

462mm (18 in)

Rated Impedance

8 Ohm

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AES Power

1800W

Program Power

3600W

Peak Power

10000W

Sensitivity

97 dB

Frequency Range

30 - 2500 Hz

Power Compression @-10dB

0,7 dB

Power Compression @-3dB

1,5 dB

Power Compression @Full Power

2,2 dB

Max Recomm. Frequency

300 Hz

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Recomm. Enclosure Volume

110 ÷ 350 lt. (3,88 ÷ 12,36 cuft)

Minimum Impedance

7,6 Ohm at 25°C

Max Peak To Peak Excursion

70 mm (2,75 in)

Voice Coil Diameter

135 mm (5,3 in)

Voice Coil Height

32 mm (1.26 in)

Voice Coil Technology

split winding, 4 layers copper clad Al wire

Gap Depth

12 mm (0.47 in)

Suspension

Triple Roll Treated Polycotton

Cone

Straight ribbed carbon fiber loaded cellulose

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Thiele Small Parameters

Fs

32 Hz

Re

4,7 Ohm

Sd

0,113 sq.mt. (175.15 sq.in.)

Qms

5

Qes

0,28

Qts

0,27

Vas

164 lt. (5,8 cuft)

Mms

270 gr. (0,6 lb)

BL

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30 Tm

Linear Mathematical Xmax

±14 mm (±0,55 in)

Le (1kHz)

2,10 mH

Ref. Efficiency 1W@1m (half space)

94,6 dB

Mounting information

Overall diameter

462 mm (18,18 in)

N. of mounting holes and bolt

8

Mounting holes diameter

8,5 mm (0,33 in)

Bolt circle diameter

440mm (17,32 in)

Front mount baffle cutout ø

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416 mm (16,38 in)

Rear mount baffle cutout & oslash;

422 mm (16,61 in)

Total depth

236 mm (9,29 in)

Flange and gasket thickness

26 mm (1,02 in)

Net weight

12,5 kg (27,6 lb)

Shipping weight

14 kg (30,9 lb)

CardBoard packaging dimensions

482x482x257 mm (19x19x10,1 in)

**Preis: 830,00 EUR [inkl. 19% MwSt zzgl.
Versandkosten]**

Im Shop aufgenommen am Mittwoch, 27. Mai 2014