18IPAL 2 Ω

Subwoofer

- 3400 W continuous program power capacity
- 116 mm (4.5 in) aluminium voice coil
- 32 - 1000 Hz response
- 97 dB sensitivity
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression
- Aluminium demodulating ring for very low distortion

When used with the Powersoft IPAL power amp modules, the 18IPAL can provide extreme output in a very small, dependable package. For more information, visit the Powersoft Website.





B&C Speakers S.p.A. Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) | ITALY
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18IPAL 2 Ω

Subwoofer

SPECIFICATIONS

Nominal Diameter	**460 mm (18 in)**
Nominal Impedance	**2 Ω**
Minimum Impedance	**2.1 Ω**
Nominal Power Handling 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minumum impedance. Loudspeaker in free air.	**1700 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**3400 W**
Sensitivity Applied RMS Voltage is set to 1.42 V for 2 ohms Nominal Impedance.	**97 dB**
Frequency Range	**32 Hz - 1000 Hz**
Voice Coil Diameter	**116 mm (4.5 in)**
Winding Material	**Aluminium**
Former Material	**Glass Fibre**
Winding Depth	**44 mm (1.7 in)**
Magnetic Gap Depth	**12 mm (0.47 in)**
Flux Density	**1.5 T**
Woofer Cone Treatment	**TWP Waterproof Both Sides**

PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Fs	**32 Hz**
Re	**1.3 Ω**
Qes	**0.14**
Qms	**4.2**
Qts	**0.14**
Vas	**164 dm³ (5.8 ft³)**
Sd	**1210 cm² (187.6 in²)**
η0	**3.3 %**
Xmax	**20 mm**
Xvar	**15 mm**
Mms	**330 g**
Bl	**24.5 Tm**
Le	**0.65 mH**
EBP	**229 Hz**

DESIGN

Surround Shape	**Triple Roll**
Cone Shape	**Radial**
Magnet Material	**Neodymium Inside Slug**
Spider	**Double Silicone**
Pole Design	**T-Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**150 dm³ (5.3 ft³)**
Recommended Tuning	**35 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**460 mm (18 in)**
Bolt Circle Diameter	**443 mm (17.44 in)**
Baffle Cutout Diameter	**425 mm (16.73 in)**
Depth	**261 mm (10.28 in)**
Flange and Gasket Thickness	**16 mm (0.63 in)**
Air Volume Occupied by Driver	**10.5 dm³ (0.37 ft³)**
Net Weight	**15.35 kg (33.84 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**17.65 kg (38.91 lb)**
Shipping Box	**570x570x320 mm (22.44x22.44x12.60 in)**

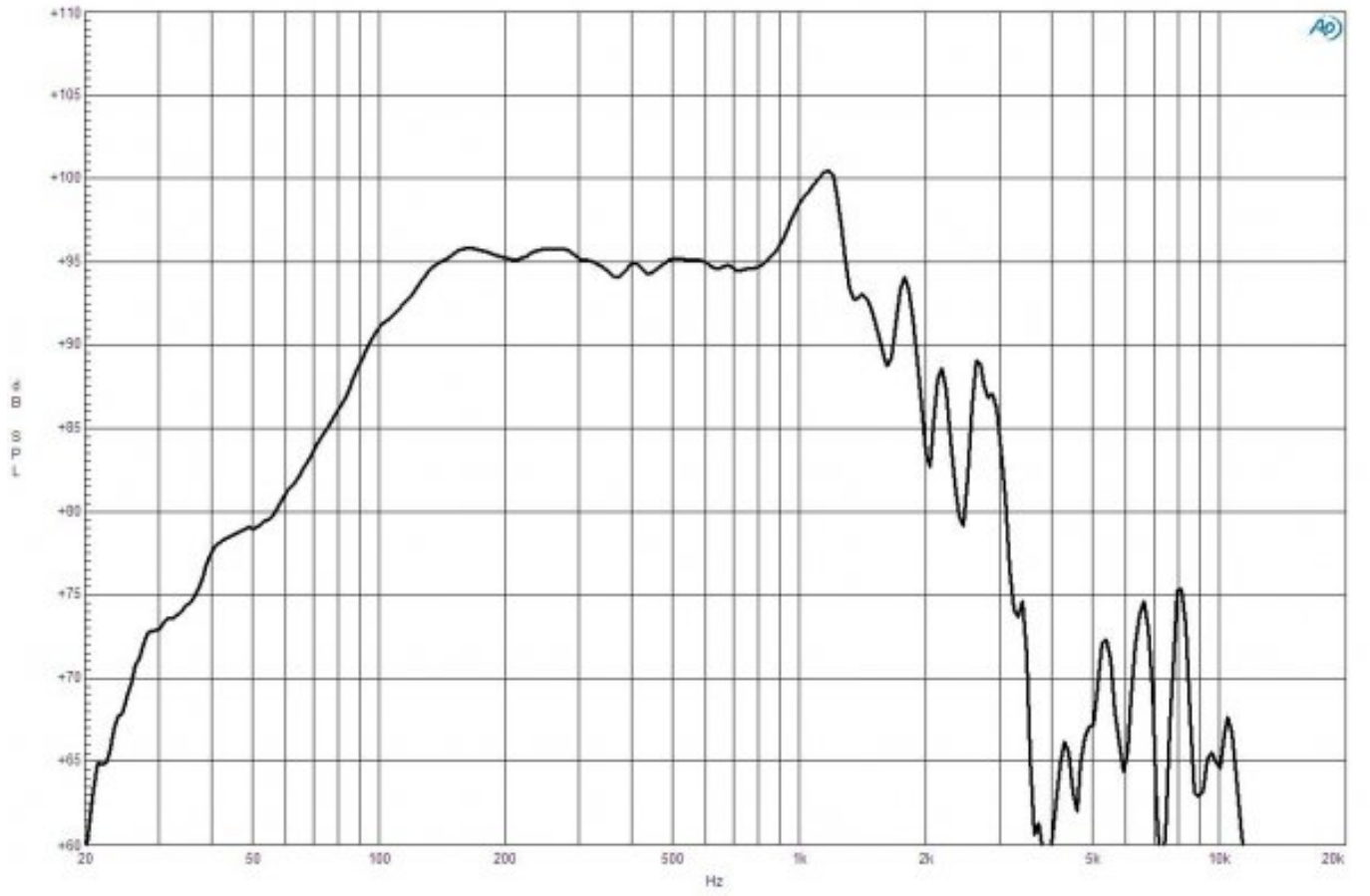
SERVICE KITS

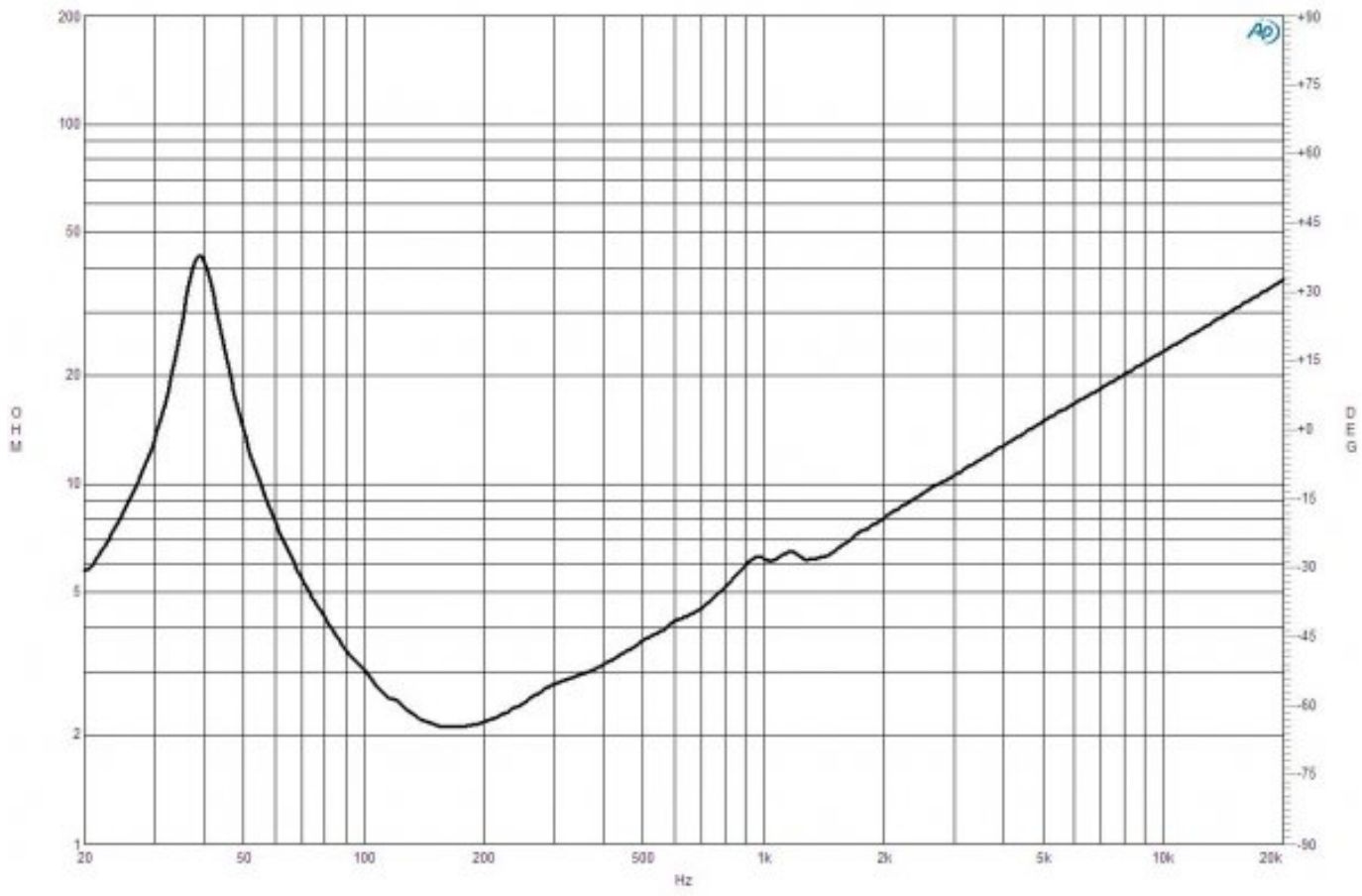
LF recone-kits	**RCK18IPALM**

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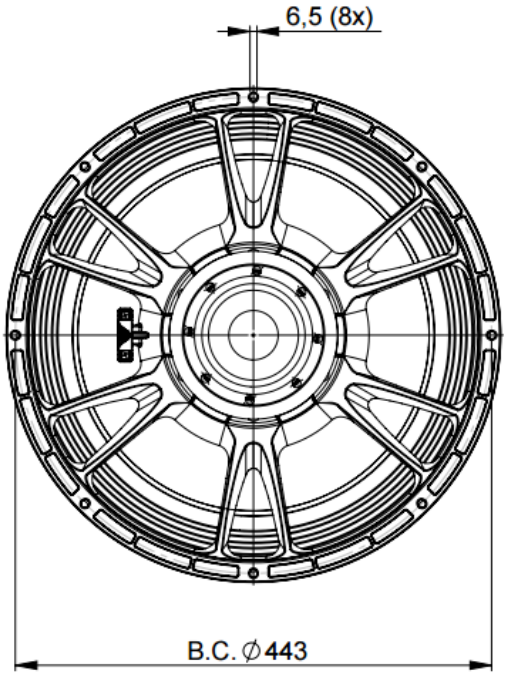


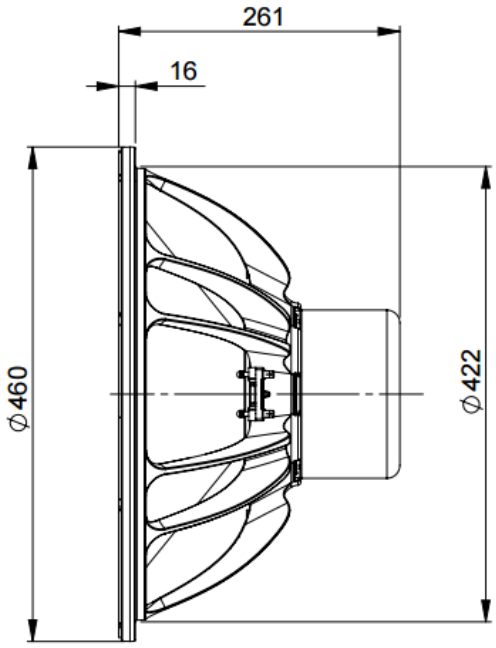


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