

PROFESSIONAL SERIES

LAB15

Subwoofer suited for small vented boxes. Also suitable for horn loading. THE sub for electronic dance music (EDM).

- 1200 W Program Power
- 15" Nominal Diameter
- 6 Ω

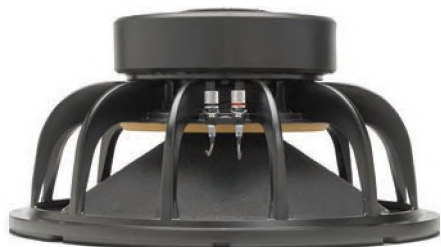
APPLICATION		ENCLOSURE	
Midrange	<input type="checkbox"/>	Sealed Box	<input checked="" type="checkbox"/>
Midbass	<input type="checkbox"/>	Vented Box	<input checked="" type="checkbox"/>
Woofer	<input type="checkbox"/>	Scoop Loading	<input type="checkbox"/>
Subwoofer	<input checked="" type="checkbox"/>	Horn Loading	<input checked="" type="checkbox"/>
Bass Guitar	<input type="checkbox"/>		

SPECIFICATION

Nominal Basket Diameter	15", 381 mm
Nominal Impedance*	6 Ω
Power Rating*	
Program Power	1200 W
Nominal Power	600 W
Resonance	28 Hz
Usable Frequency Range	20 Hz – 0.1 kHz
Sensitivity*	88.5 dB
Magnet Weight	160 oz.
Gap Height	0.375", 9.5 mm
Voice Coil Diameter	3", 76 mm

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Aluminum former
- Double stacked 80 oz. ferrite magnets
- Vented and extended core
- Die-cast aluminum basket
- Kevlar-reinforced paper cone
- Foam cone edge
- water resistant treated solid composition paper



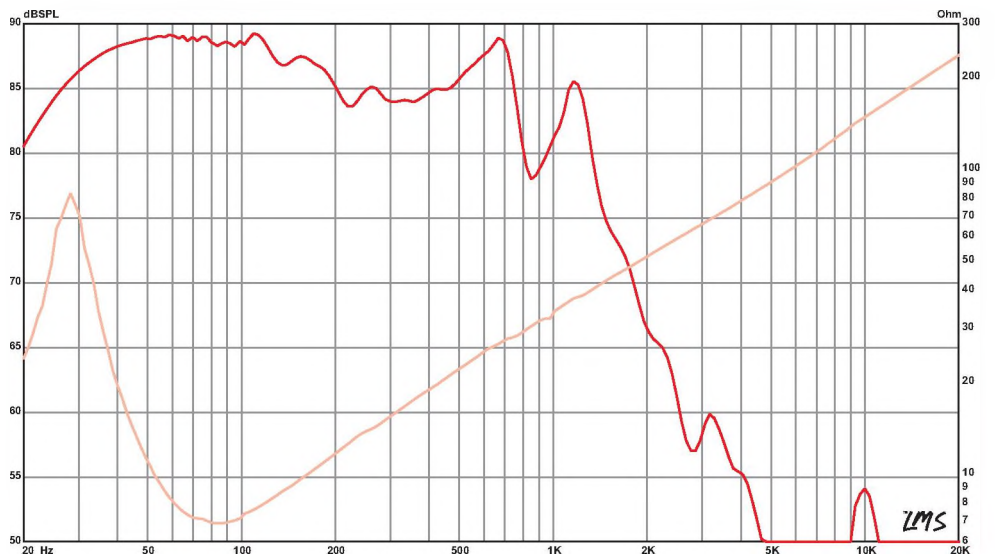
THIELE & SMALL PARAMETERS

Fs	28 Hz
Re	4.9 Ω
Le	3.23 mH
Qms	5.36
Qes	0.37
Qts	0.35
Vas	3.66 cu.ft., 103.61 liters
Vd	968 cc
Cms	0.11 mm/N
BL	26.7 T-M
Mms	308 grams
EBP	75
Xmax	11.8 mm
Sd	823.7 cm ²
Xlim	22 mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	35–108 liters, 1.2–3.8 cu.ft.
Vented	71–290 liters, 2.5–10.3 cu.ft.
Driver Volume Displaced	0.158 cu.ft., 4.46 liters
Overall Diameter	15.34", 389.6 mm
Baffle Hole Diameter	14", 355.6 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	N/A
Mounting Holes Diameter	0.26", 6.6 mm
Mounting Holes B.C.D.	14.7", 373.4 mm
Depth	7.75", 196.9 mm
Net Weight	23.8 lbs., 10.8 kg
Shipping Weight	26 lbs., 11.79 kg

FREQUENCY RESPONSE & IMPEDANCE CURVE*



* See footnotes on page 155 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.