12FL64 8 Ω

Woofer

- 500 W continuous program power capacity
- 64 mm (2.5 in) copper voice coil
- 50 - 4000 Hz response
- 96,5 dB sensitivity

The 12FL64 is a wide band woofer with voice forward midrange. They are especially appropriate in applications such as KTV or vocal announcements where digital processing may not be in the budget.





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SPECIFICATIONS

Nominal Diameter	**320 mm (12 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**7 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.	**250 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**500 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**96.5 dB**
Frequency Range	**50 Hz - 4000 Hz**
Voice Coil Diameter	**64 mm (2.5 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**13 mm (0.51 in)**
Magnetic Gap Depth	**9 mm (0.35 in)**
Flux Density	**1.2 T**
Woofer Cone Treatment	**WP Waterproof Front Side**

PARAMETERS

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

Fs	**51 Hz**
Re	**5.7 Ω**
Qes	**0.34**
Qms	**6.6**
Qts	**0.32**
Vas	**50 dm³ (1.76 ft³)**
Sd	**522 cm² (80.9 in²)**
η0	**1.9 %**
Xmax	**5 mm**
Xvar	**6 mm**
Mms	**75 g**
Bl	**20.2 Tm**
Le	**1.6 mH**
EBP	**150 Hz**

DESIGN

Surround Shape	**Double Roll**
Cone Shape	**Exponential**
Spider	**Single**
Pole Design	**T-Pole**
Woofer Cone Treatment	**WP Waterproof Front Side**
Recommended Enclosure	**40 dm³ (1.4 ft³)**
Recommended Tuning	**55 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**315 mm (12.4 in)**
Bolt Circle Diameter	**298 mm (11.7 in)**
Baffle Cutout Diameter	**283 mm (11.1 in)**
Depth	**135 mm (5.3 in)**
Flange and Gasket Thickness	**14 mm (0.55 in)**
Air Volume Occupied by Driver	**3 dm³ (0.1 ft³)**
Net Weight	**5 kg (11 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**5.9 kg (13.01 lb)**
Shipping Box	**360x360x200 mm (14.17x14.17x7.87 in)**

SERVICE KITS

LF recone-kits	**RCK12FL648**

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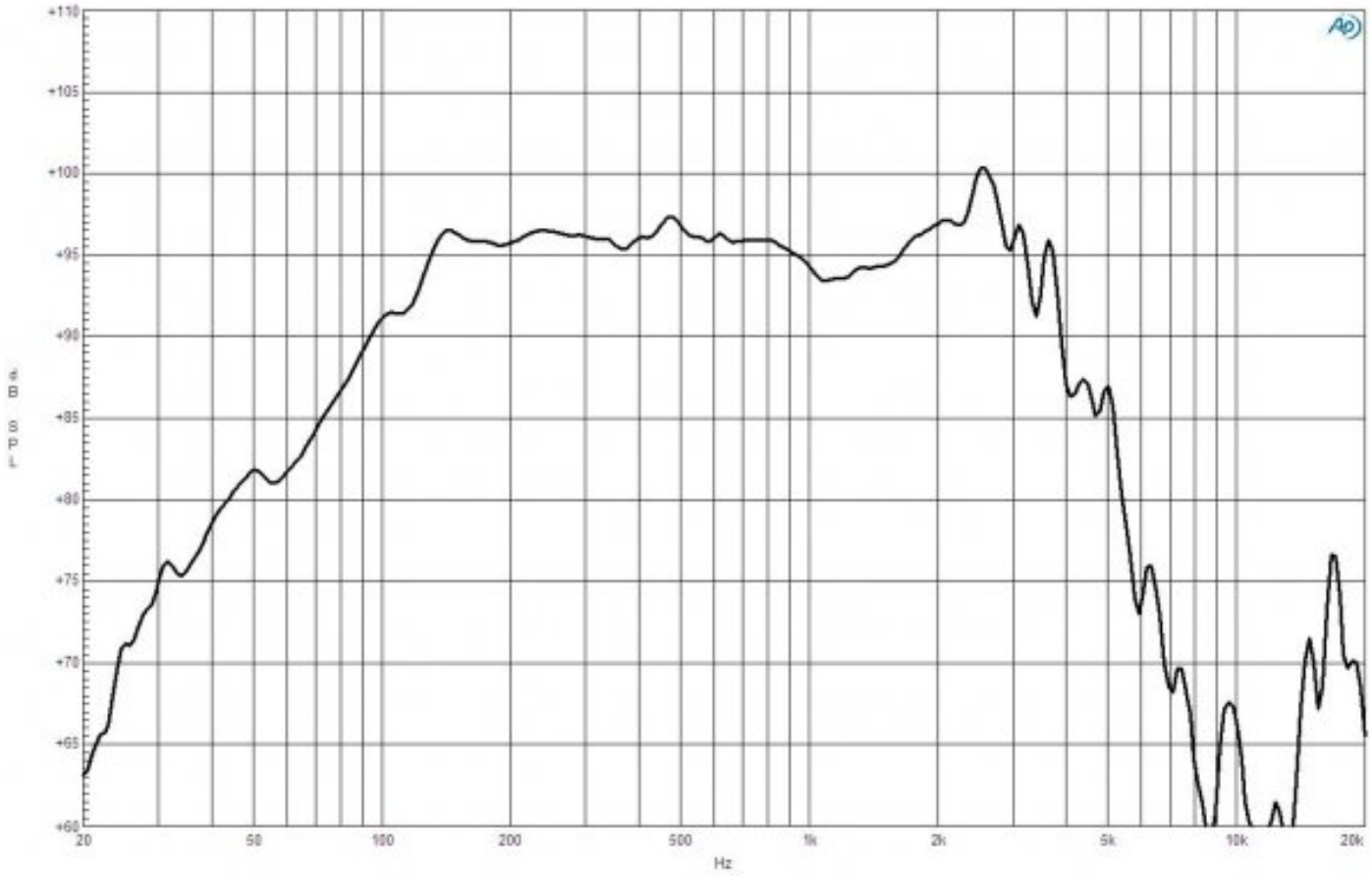

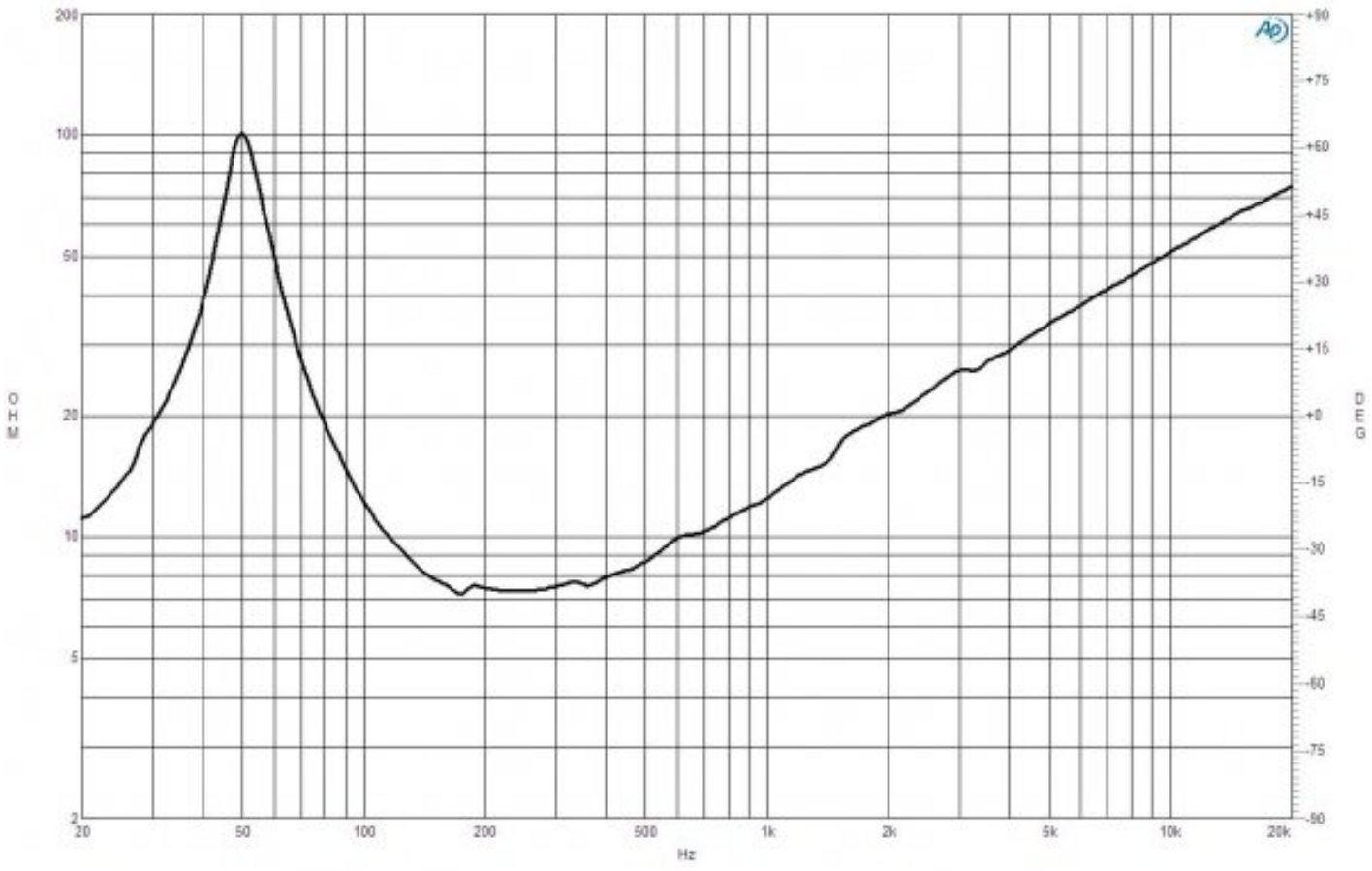

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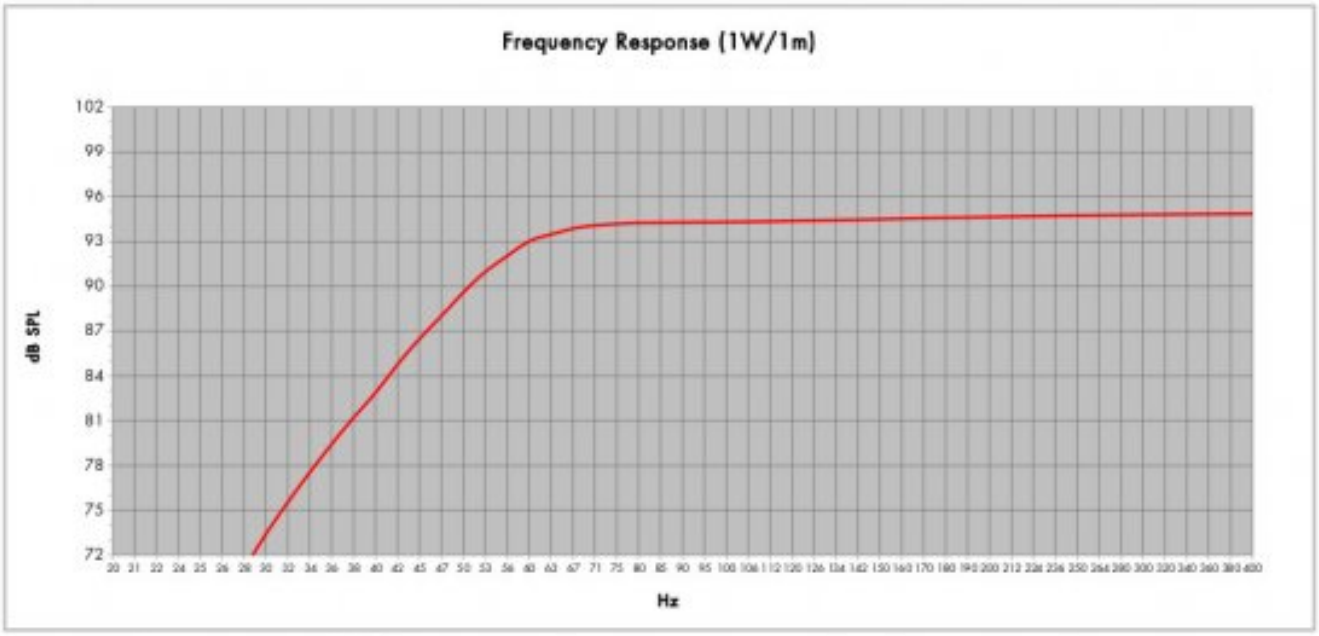

Model:	**12FL64**		
Enclosure Type:	**Bass Reflex**	Configuration:	**One Driver**
Internal Net Volume (Litres):	**40**	QB:	**7**
Tuning Frequency (Hz):	**55**	Port Area (cm²):	**86,0**
Frequency (-3 dB) (Hz):	**55,8**	Port Length (cm):	**12,2**

Excursion Limited Maximum SPL at 1 meter (dB):	**117,0**	equal to	**183,2**	Watts (Bass Band Power Rating)
Thermal Limited Maximum SPL at 1 meter (dB):	**118,9**	equal to	**250,0**	Watts (Mid Band Power Rating)

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