

12FW88 8 Ω**Woofer**

- 1400 W continuous program power capacity
- 88 mm (3.5 in) aluminium voice coil
- 50 - 3000 Hz response
- 97 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression

The FW88 series is perfectly balanced for the loudspeaker systems of today. A performance-oriented range of ferrite woofers with 3.5" (88mm) voice coil and high flux ferrite magnet, incorporated into a compact but powerful motor package. The results are unexpected low frequency output and midrange extension to meet with almost any driver for two way applications. Do more, with less, with the FW88 series.



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SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.3 Ω
Nominal Power Handling	700 W
2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	
Continuous Power Handling	1400 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	97 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	50 Hz - 3000 Hz
Voice Coil Diameter	88 mm (3.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	21.5 mm (0.85 in)
Magnetic Gap Depth	11 mm (0.43 in)
Flux Density	1.04 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	53 Hz
Re	5.1 Ω
Qes	0.35
Qms	7.7
Qts	0.33
Vas	45.7 dm³ (1.61 ft³)
Sd	531 cm² (82.31 in²)
η ₀	2.05 %
X _{max}	8 mm
X _{var}	8.6 mm
M _{ms}	76.4 g
Bl	19.5 Tm
Le	0.9 mH
EBP	151 Hz

DESIGN

Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Ferrite
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	40 dm³ (1.41 ft³)
Recommended Tuning	65 Hz

MOUNTING AND SHIPPING INFO

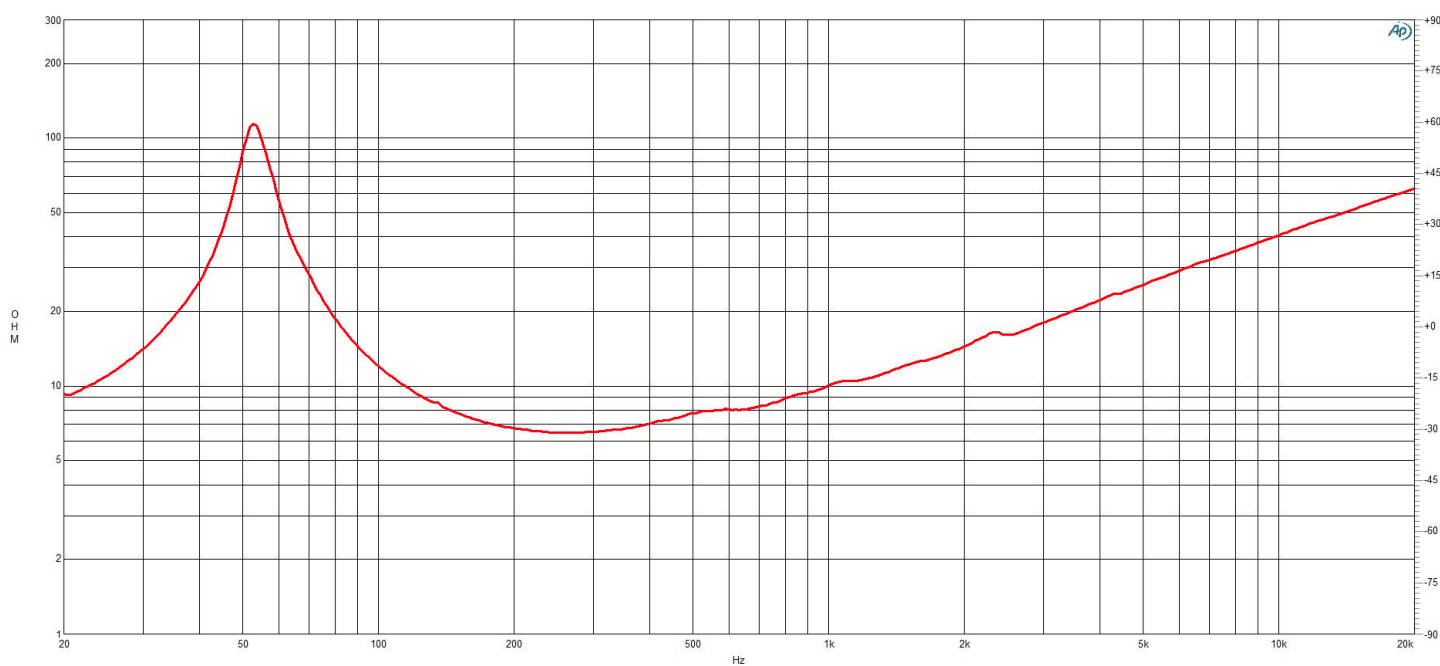
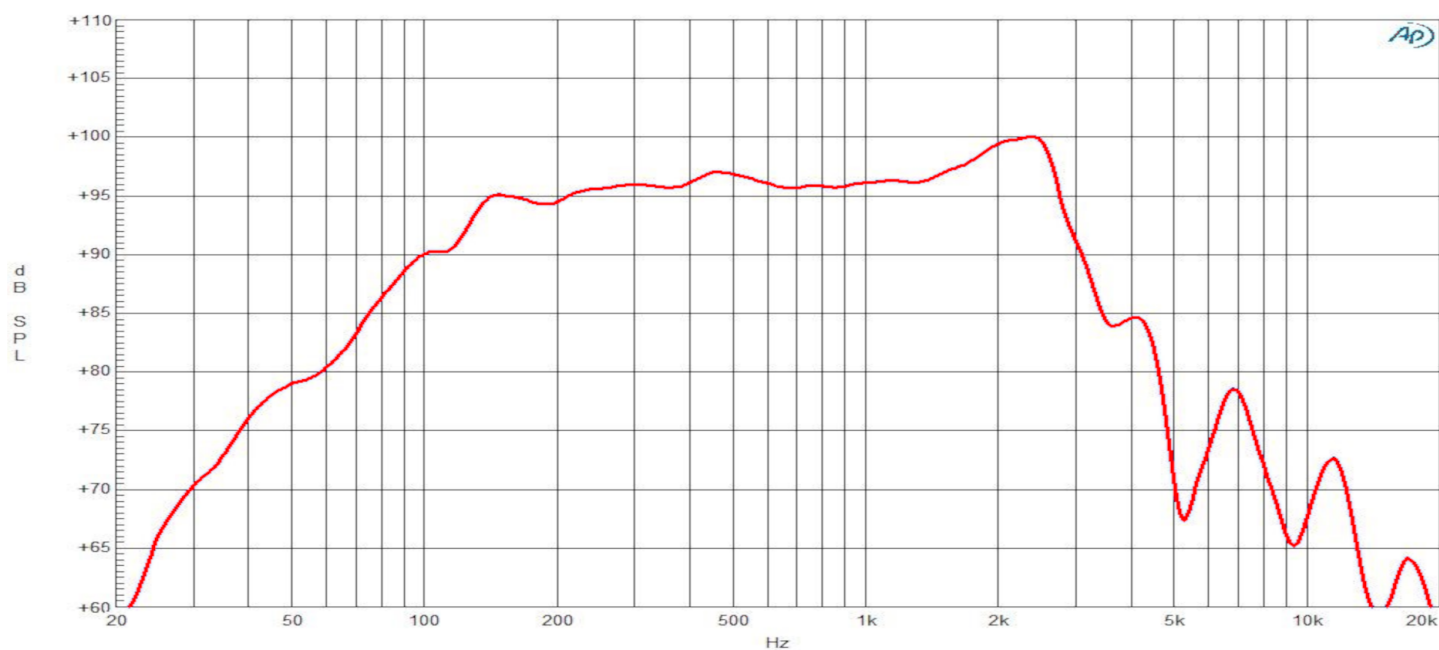
Overall Diameter	315 mm (12.4 in)
Bolt Circle Diameter	298 mm (11.73 in)
Baffle Cutout Diameter	285 mm (11.22 in)
Depth	145 mm (5.71 in)
Flange and Gasket Thickness	12 mm (0.49 in)
Air Volume Occupied by Driver	2.5 dm³ (0.09 ft³)
Net Weight	8.25 kg (18.19 lb)
Shipping Units	1 pcs
Shipping Weight	9.15 kg (20.17 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)

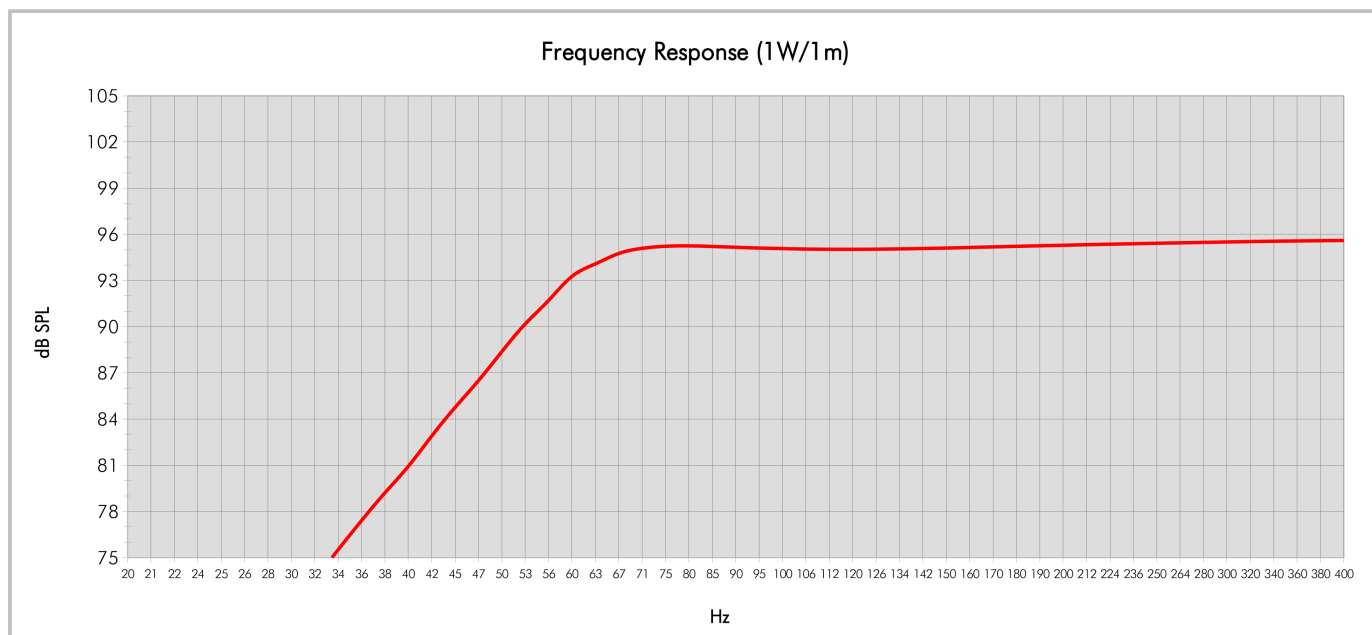
SERVICE KITS

LF recone-kits	RCK12FW888
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Model:	12FW88	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	40	QB:	6
Tuning Frequency (Hz):	60	Port Area (cm²):	170
Frequency (-3 dB) (Hz):	58,7	Port Length (cm):	22,2
Frequency (-10 dB) (Hz):	46,2		

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