

15FW88 8 Ω**Woofer**

- 1400 W continuous program power capacity
- 88 mm (3.5 in) aluminium voice coil
- 49 - 3000 Hz response
- 98 dB sensitivity
- Ventilated voice coil gap for reduced power compression
- Double silicone spider with optimized compliance
- Aluminum demodulating ring allows a very low distortion figure

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	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.4 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	98 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	49 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	49 Hz
Re	5.2 Ω
Qes	0.45
Qms	9.3
Qts	0.43
Vas	103.7 dm³ (3.66 ft³)
Sd	855 cm² (132.53 in²)
η ₀	2.63 %
X _{max}	8 mm
X _{var}	9.5 mm
M _{ms}	106.8 g
Bl	19.27 Tm
Le	0.81 mH
EBP	109 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	130 dm³ (4.59 ft³)
Recommended Tuning	45 Hz

MOUNTING AND SHIPPING INFO

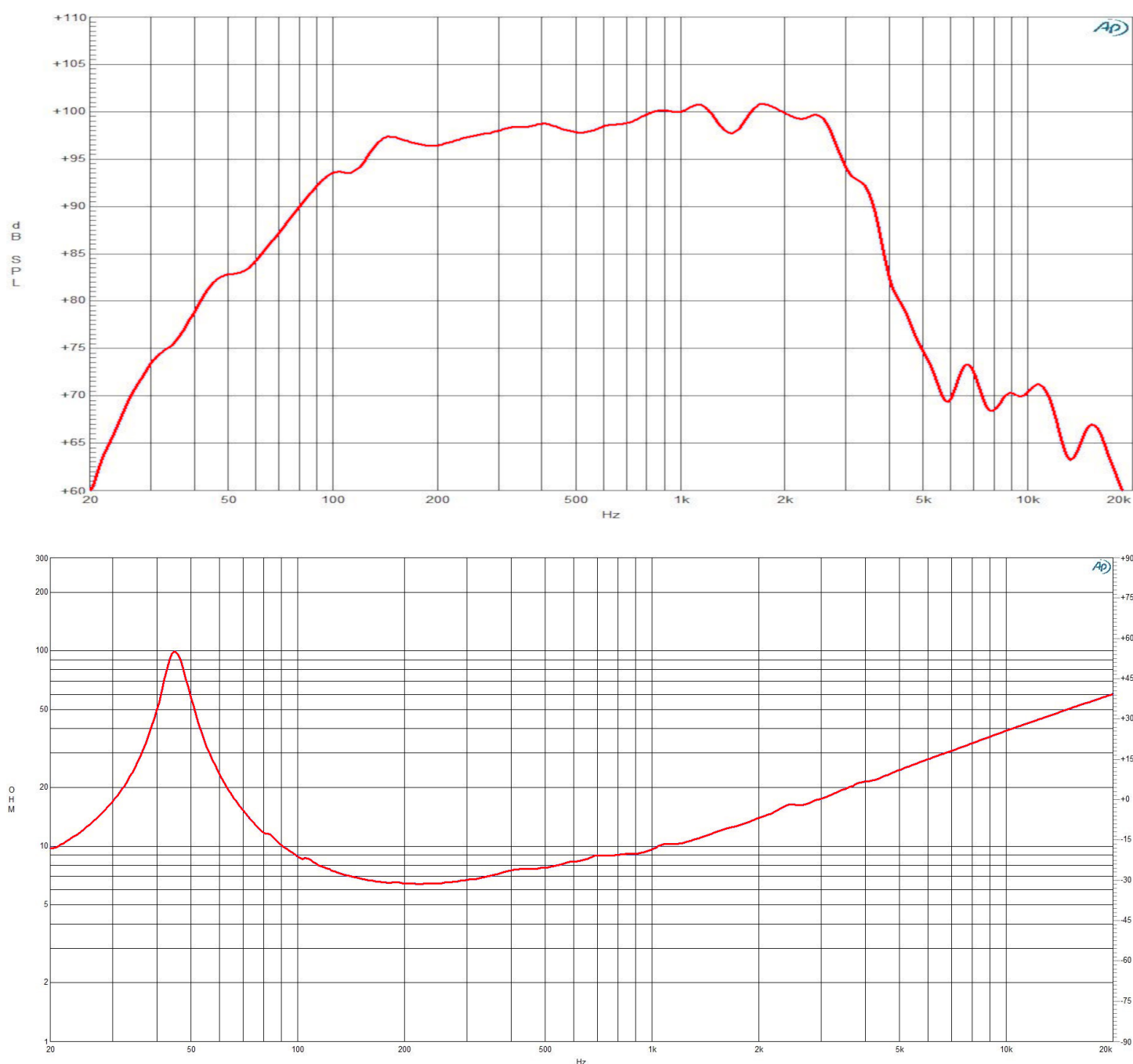
Overall Diameter	393 mm (15.47 in)
Bolt Circle Diameter	371 mm (14.61 in)
Baffle Cutout Diameter	357 mm (14.06 in)
Depth	174 mm (6.85 in)
Flange and Gasket Thickness	14 mm (0.55 in)
Air Volume Occupied by Driver	3.5 dm³ (0.12 ft³)
Net Weight	9 kg (19.84 lb)
Shipping Units	1 pcs
Shipping Weight	10.3 kg (22.71 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)

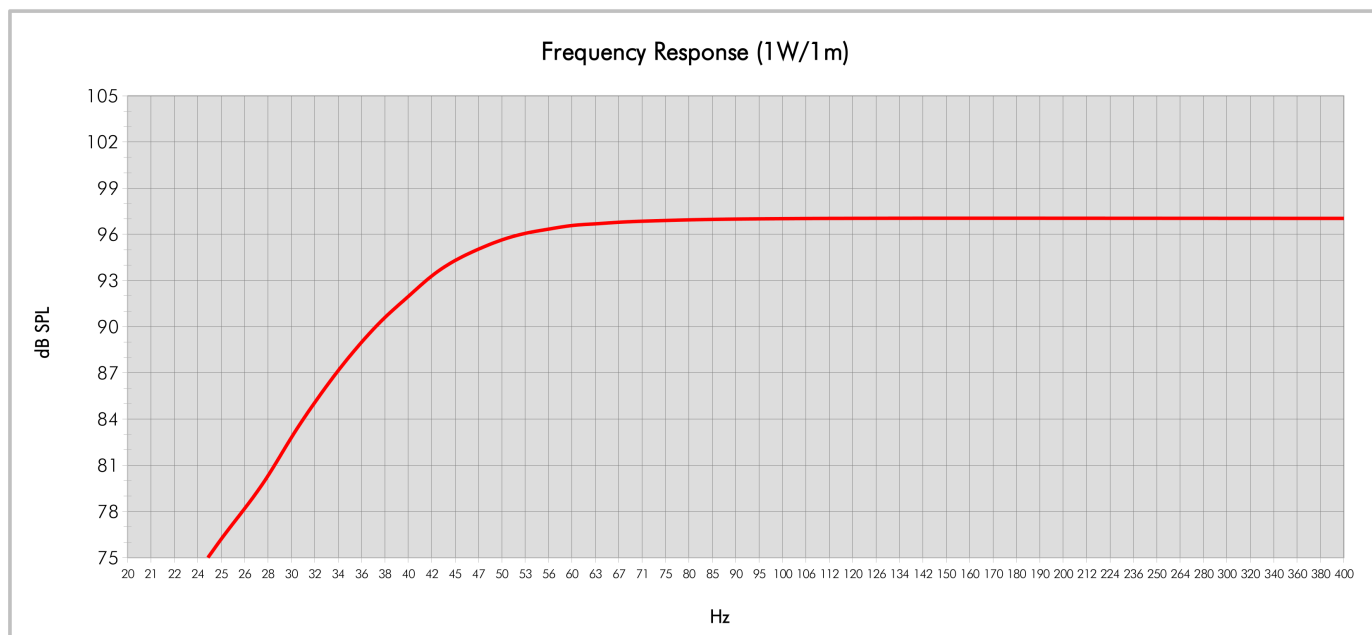
SERVICE KITS

LF recone-kits	RCK15FW888
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Model:	15FW88	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	130	QB:	6
Tuning Frequency (Hz):	45	Port Area (cm ²):	360
Frequency (-3 dB) (Hz):	44,2	Port Length (cm):	24,5
Frequency (-10 dB) (Hz):	33,9		

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