

10FL64 8 Ω **Woofer**

- 500 W continuous program power capacity
- 64 mm (2.5 in) copper voice coil
- 65 - 2500 Hz response
- 96 dB sensitivity
- Shorting copper cap for extended HF response

The 10FL64 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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Woofers

SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 Ω
Minimum Impedance	7.3 Ω
Nominal Power Handling	250 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	500 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	96 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	65 Hz - 2500 Hz
Voice Coil Diameter	64 mm (2.52 in)
Winding Material	Copper
Former Material	Kapton
Winding Depth	13 mm (0.51 in)
Magnetic Gap Depth	9 mm (0.35 in)
Flux Density	1.2 T
Woofers Cone Treatment	WP Waterproof Front Side

PARAMETERS

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

Fs	63 Hz
Re	5.6 Ω
Qes	0.34
Qms	5.4
Qts	0.32
Vas	23 dm³ (0.81 ft³)
Sd	320 cm² (50 in²)
η0	1.7 %
Xmax	5 mm
Xvar	6 mm
Mms	38 g
Bl	16 Tm
Le	0.7 mH
EBP	185 Hz

DESIGN

Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Material	Ferrite
Spider	Single
Pole Design	Straight Pole
Woofers Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	25 dm³ (0.88 ft³)
Recommended Tuning	65 Hz

MOUNTING AND SHIPPING INFO

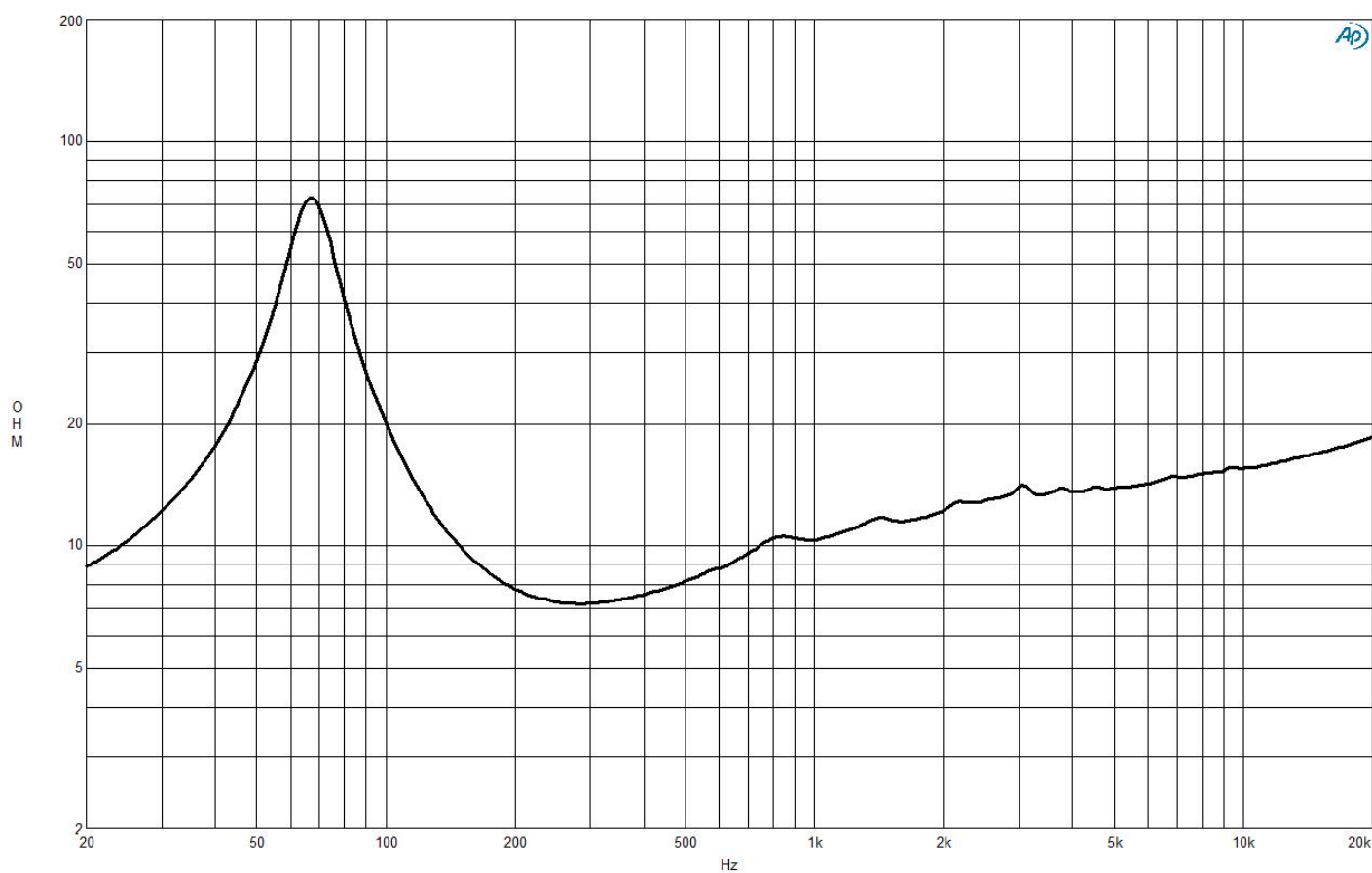
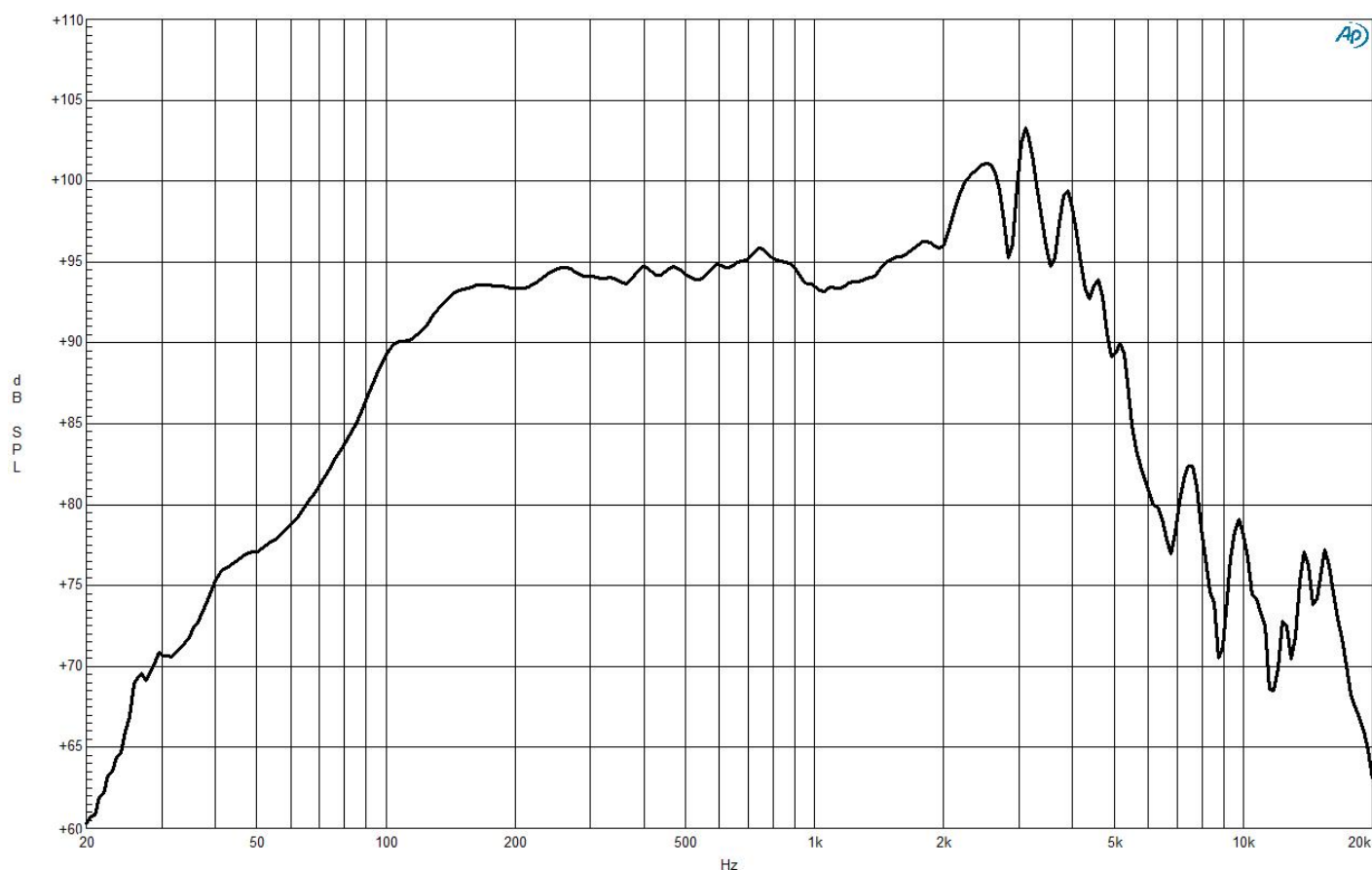
Overall Diameter	261 mm (10.28 in)
Bolt Circle Diameter	245 mm (9.6 in)
Baffle Cutout Diameter	233 mm (9.17 in)
Depth	105 mm (4.13 in)
Flange and Gasket Thickness	12 mm (0.49 in)
Air Volume Occupied by Driver	2 dm³ (0.07 ft³)
Net Weight	4.8 kg (10.58 lb)
Shipping Units	1 pcs
Shipping Weight	5.4 kg (11.9 lb)
Shipping Box	295x314x175 mm (11.61x12.36x6.89 in)

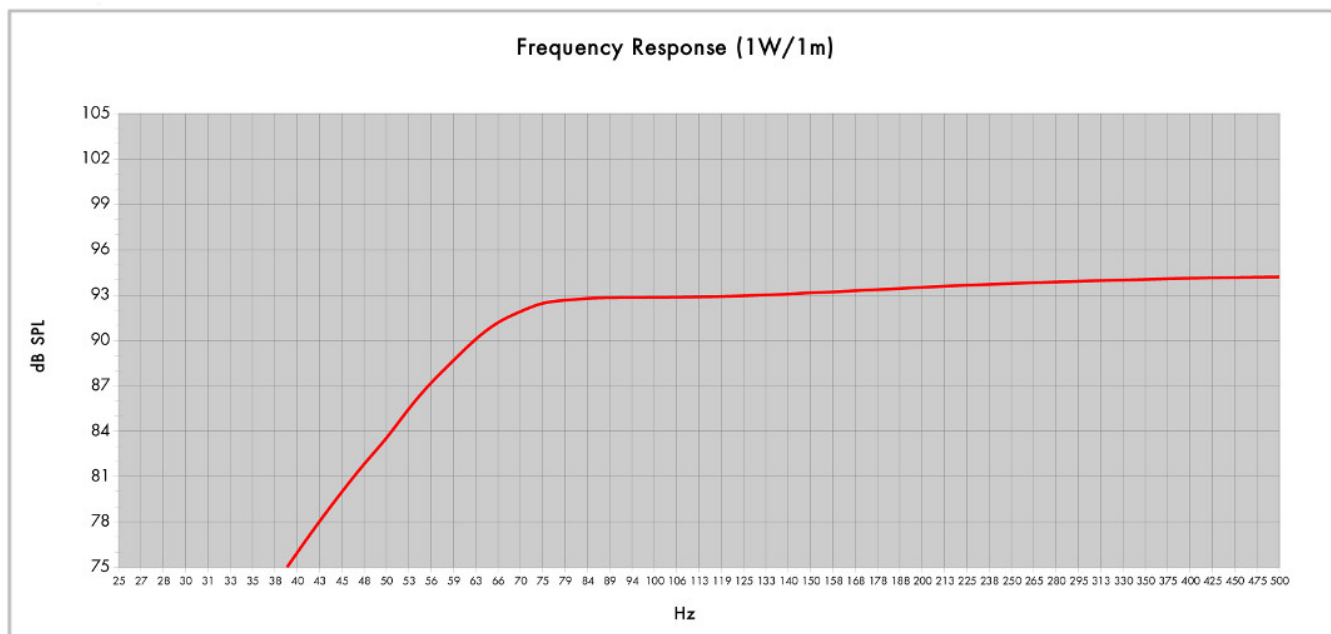
SERVICE KITS

LF recone-kits	RCK10FL648
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Model:	10FL64	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	20	QB:	7
Tuning Frequency (Hz):	65	Port Area (cm²):	55,0
Frequency (-3 dB) (Hz):	67,3	Port Length (cm):	12,3
Frequency (-10 dB) (Hz):	51,3		