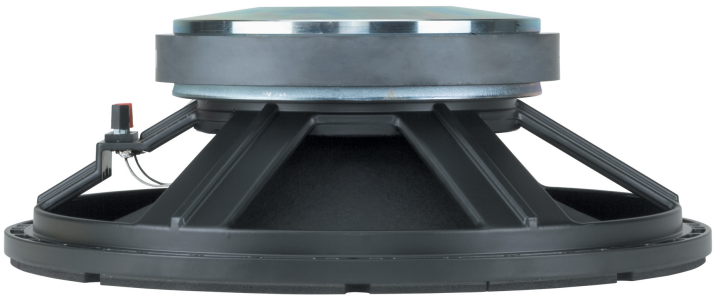
L15-554K

MID-BASS

DESCRIPTION

Very high efficiency and good linearity are distinctive features of this mid-bass woofer. Kapton forme voice coil, polycotton suspensions and treated cone guarantee the very high power handling of this transducer.



FEATURES

- 4-inch, fiberglass inside/outside copper voice coil
- 1200W continuous program power handling
- 99 dB Sensitivity
- 40 Hz – 2 kHz Frequency range
- M-roll damped surround
- Exponential damped cone
- Copper ring

TECHNICAL SPECIFICATIONS

General specifications	Nominal Diameter:	15 inch / 381 mm
	Rated Impedance:	8 ohm
	Program Power (watt):	1200 W
	Power handling capacity:	600 W
	Sensitivity:	99.0 dB
	Frequency range:	40 - 2000 Hz
	Effective piston diameter:	325 mm / 12.8 inch
	Max. Excursion Before Damage:	44 mm / 1.73 inch
	Minimum Impedance (ohm):	7.9 ohm
	Voice Coil Diameter:	4.0 inch / 102 mm
	Voice Coil Winding Material:	Copper
	Voice Coil Length:	16 mm / 0.63 inch
	Number of layers:	2
	Kind of layers:	inside/outside
	Top Plate Thickness:	9 mm / 0.35 inch
	Cone Design:	Curved
	Surround Material:	Polycotton
	Surround Design:	M-roll
	Magnets:	Ceramic
	Spider:	Single
Thiele - small parameters	Resonance frequency (Fs):	35 Hz
	DC resistance (Re) (ohm):	6.60 ohm
	Mechanical factor:	8.60 Qms
	Electrical factor:	0.25 Qes
	Total factor:	0.24 Qts
	Bl factor (Bl) (T x m):	23.00 T x m
	Effective moving mass (Mms):	91.0 g
	Equivalent Cas air loaded (Vas):	227.0 liters
	Effettive piston area (Sd):	0.080 m2
	Max. linear excursion (Xmax):	6.0 mm
	Voice coil inductance @ 1kHz (Le1k):	1.00 mH
	Half-space efficency (Eff):	3.75%
Mounting informations	Overall diameter:	387 mm / 15.24 inches
	Bolt circle diameter:	371 mm / 14.61 inch
	Bolt hole diameter:	7 mm / 0.28 inch
	Front mount baffle cut-out:	358 mm / 14.09 inch
	Rear mount baffle cut-out:	362 mm / 14.25 inch
	Volume occupied by the driver:	3.8 liters / 0.15 ft3
Standard compliance	CE marking:	Yes
Size	Height:	133 mm / 5.24 inches
	Diameter:	387 mm / 15.24 inches
	Weight:	11 kg / 24.25 lbs

RCF products are continually improved. All specifications are therefore subject to change without notice.

Shipping informations	Package Height:	205 mm / 8.07 inches
	Package Width:	435 mm / 17.13 inches
	Package Depth:	435 mm / 17.13 inches
	Package Weight:	12.5 kg / 27.56 lbs

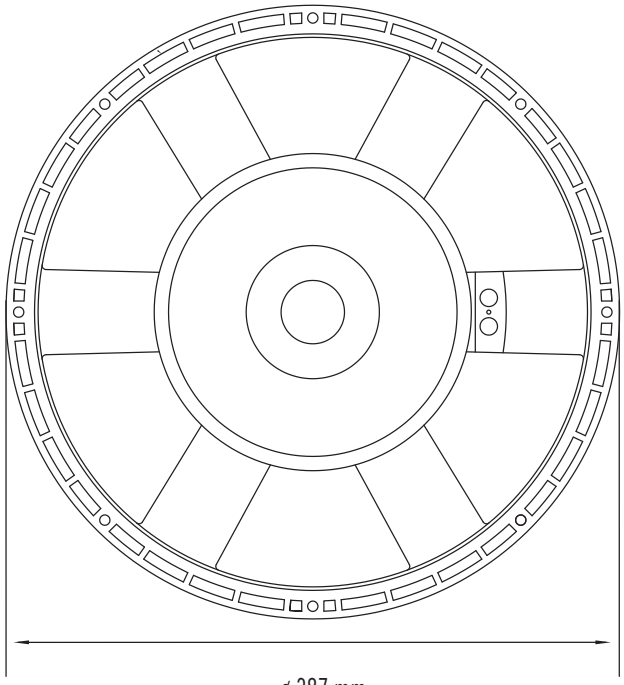
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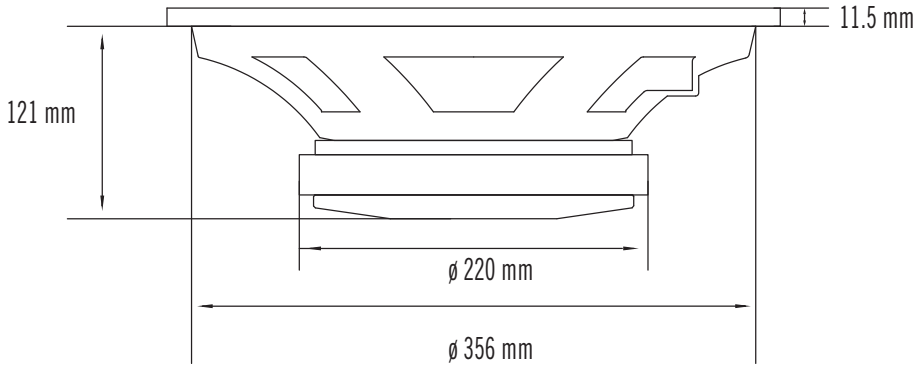
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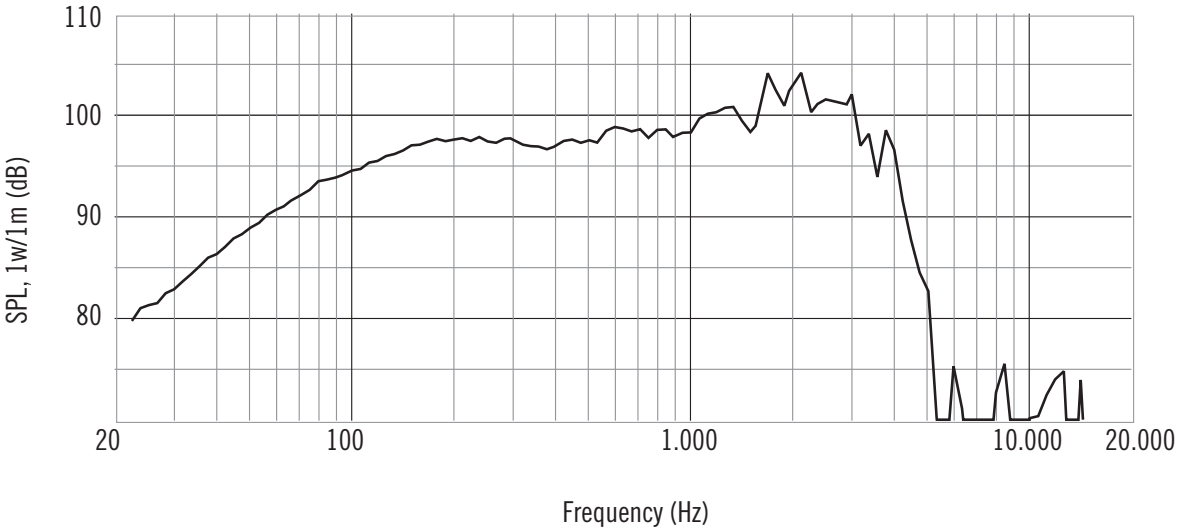
  L15-554K

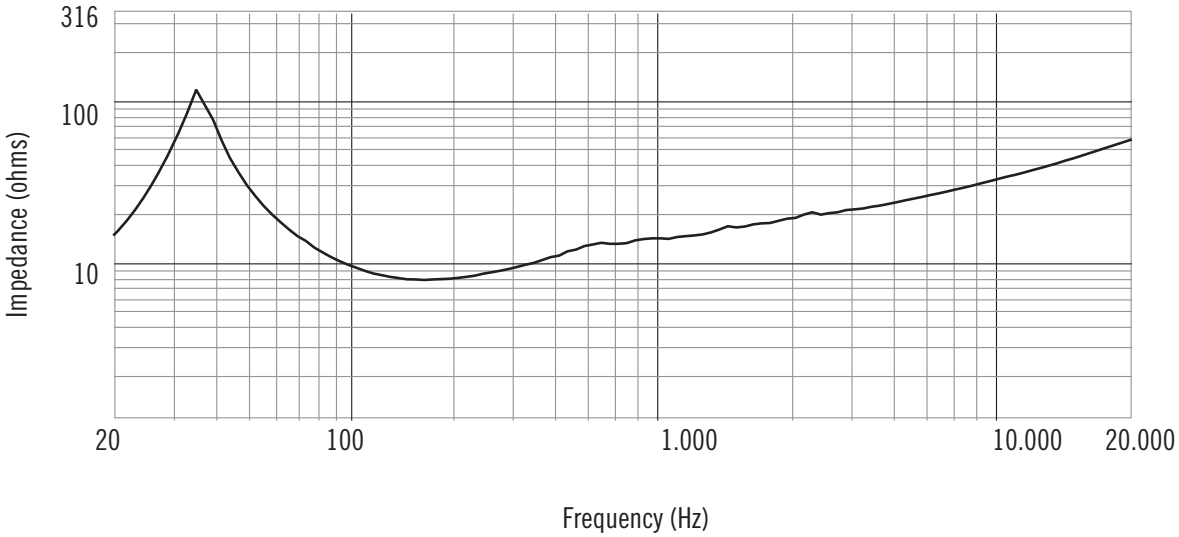
  8ohm

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ø 387 mm


11.5 mm
121 mm
ø 220 mm
ø 356 mm


110
100
90
80
SPL, 1w/1m (dB)
20
100
1.000
10.000
20.000
Frequency (Hz)


316
100
10
Impedance (ohms)
20
100
1.000
10.000
20.000
Frequency (Hz)