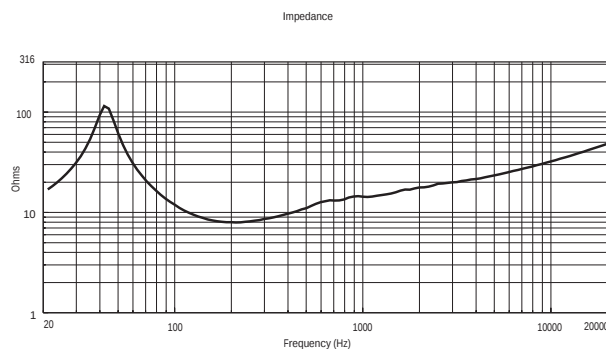


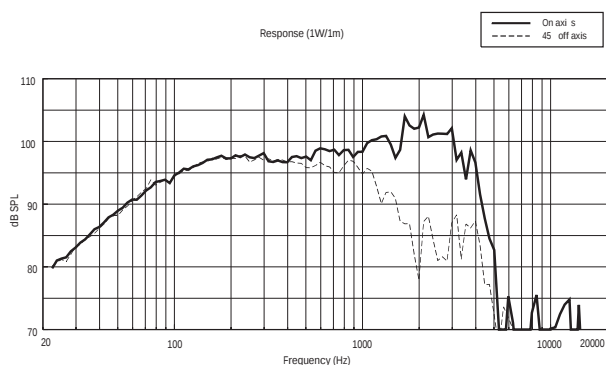


Product Features:

- High efficiency 15" Woofer
- 4 inch voice coil
- Ideal for compact bass reflex enclosures



Frequency response curve of the loudspeaker taken in a hemispherical, free field environment and mounted in a closed box with an internal volume of 600 liters (21.2 cu. ft.) enclosing the rear of the driver. The impedance magnitude curve is measured in free air.



2nd and 3rd harmonic distortion levels have been raised 20dB. Measurements made at 10% of rated power.

MODEL	L15/554K	CODE 111.60.011
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General Specifications

Nominal Diameter	380/15,0	mm/inch
Rated Impedance	8	Ω
Power handling capacity ⁽¹⁾	600	Watts
Program Power ⁽²⁾	1200	Watts
Sensitivity 1W, 1m ⁽³⁾	99	dB
Frequency Range	35 - 2500	Hz
Effective Piston Diameter	325/12,8	mm/inch
Maximum Excursion Before Damage (peak to peak)	40/1,6	mm/inch
Minimum Impedance	7,9	Ω
Voice Coil Diameter	100/4	mm/inch
Voice Coil Material	Copper	
Voice Coil Winding Depth	16/0,6	mm/inch
Number of layers	2	
Kind of layer	Outside	
Thickness Top Plate Depth	9/0,4	mm/inch

Thiele - Small Parameters ⁴

Resonance frequency	F_s	35	Hz
DC resistance	R_e	6,6	Ω
Mechanical factor	Q_{ms}	8,6	
Electrical factor	Q_{es}	0,25	
Total factor	Q_{ts}	0,24	
BL Factor	BL	23	T x m
Effective Moving Mass	M_{ms}	91	gr
Equivalent C_{as} air load	V_{as}	227	liters
Effective piston area	S_d	0,083	m ²
Max. linear excursion	X_{max}	5,8	mm
Voice - coil inductance @ 1KHz	L_{e1k}	1,7	mH
Half-space efficiency	Eff	3,75	%

Mounting Information

Overall Diameter	387/15,2	mm/inch
Bolt Circle Diameter	371	mm
Bolt Hole Diameter	8/0,3	mm/inch

Baffle Cutout Diameter

Front Mount	356/14,0	mm/inch
Rear Mount	350/13,8	mm/inch
Depth	138/5,4	mm/inch
Volume occupied by the Driver	3,80/0,1	liters/ft ³
Net Weight	11,30/24,9	Kg/lbs.
Shipping Weight	11,80/26,0	Kg/lbs.

Notes to Specifications

- AES standard (50 - 500) Hz
- Program power is defined as 3dB greater than the nominal rating.
- Sensitivity measurement is based on a 100-500Hz pink noise signal with input power of 2.83V @ 8 Ohms.
- Thiele-Small parameters are measured after a 2 hour warm up period running the loudspeaker at full power handling capacity.