

## 5FCX44 8 Ω

- 200 W continuous program power capacity
- 70° nominal coverage
- 60 - 18000 Hz response
- 91 dB sensitivity
- 19 mm (3/4") HF unit exit diameter



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## GENERAL

Nominal Diameter	<b>127 mm (5 in)</b>
Nominal Impedance	<b>8 Ω</b>
Frequency Range	<b>60 Hz - 18000 Hz</b>
Dispersion Angle	<b>70 °</b>
Included by -6 dB down points.	

## PARAMETERS

Fs	<b>61 Hz</b>
Re	<b>5.6 Ω</b>
Qes	<b>0.25</b>
Qms	<b>7.8</b>
Qts	<b>0.25</b>
Vas	<b>7 dm<sup>3</sup> (0.25 ft<sup>3</sup>)</b>
Sd	<b>95 cm<sup>2</sup> (14.7 in<sup>2</sup>)</b>
η0	<b>0.6 %</b>
Xvar	<b>5 mm</b>
Mms	<b>12 g</b>
Bl	<b>10.5 Tm</b>
Le	<b>0.8 mH</b>
EBP	<b>244 Hz</b>

## SPECIFICATIONS HF UNIT

Nominal Diameter	<b>127 mm (5 in)</b>
Nominal Impedance	<b>8 Ω</b>
Minimum Impedance	<b>6.5 Ω</b>
Nominal Power Handling	<b>10 W</b>
2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance. Loudspeaker in free air.	
Continuous Power Handling	<b>20 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>107.5 dB</b>
Applied RMS Voltage is set to 2.83V.	
Recommended Crossover	<b>2.5 kHz</b>
12 dB/oct. or higher slope high-pass filter.	
Voice Coil Diameter	<b>25 mm (1 in)</b>
Winding Material	<b>Aluminium</b>
Inductance	<b>0.1 mH</b>
Flux Density	<b>1.65 T</b>
Diaphragm Material	<b>Polyester</b>

## SPECIFICATIONS LF UNIT

Nominal Diameter	<b>127 mm (5 in)</b>
Nominal Impedance	<b>8 Ω</b>
Minimum Impedance	<b>6.5 Ω</b>
Nominal Power Handling	<b>100 W</b>
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	<b>200 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>91 dB</b>
Applied RMS Voltage is set to 2.83V.	
Voice Coil Diameter	<b>44 mm (1.7 in)</b>
Winding Material	<b>Copper</b>
Former Material	<b>Kapton</b>
Winding Depth	<b>9 mm (0.35 in)</b>
Magnetic Gap Depth	<b>6 mm (0.24 in)</b>
Flux Density	<b>1.07 T</b>
Woofer Cone Treatment	<b>WP Waterproof Front Side</b>

## DESIGN

Magnet Material	<b>Ferrite (LF) - Neodym. Ring (HF)</b>
Woofer Cone Treatment	<b>WP Waterproof Front Side</b>

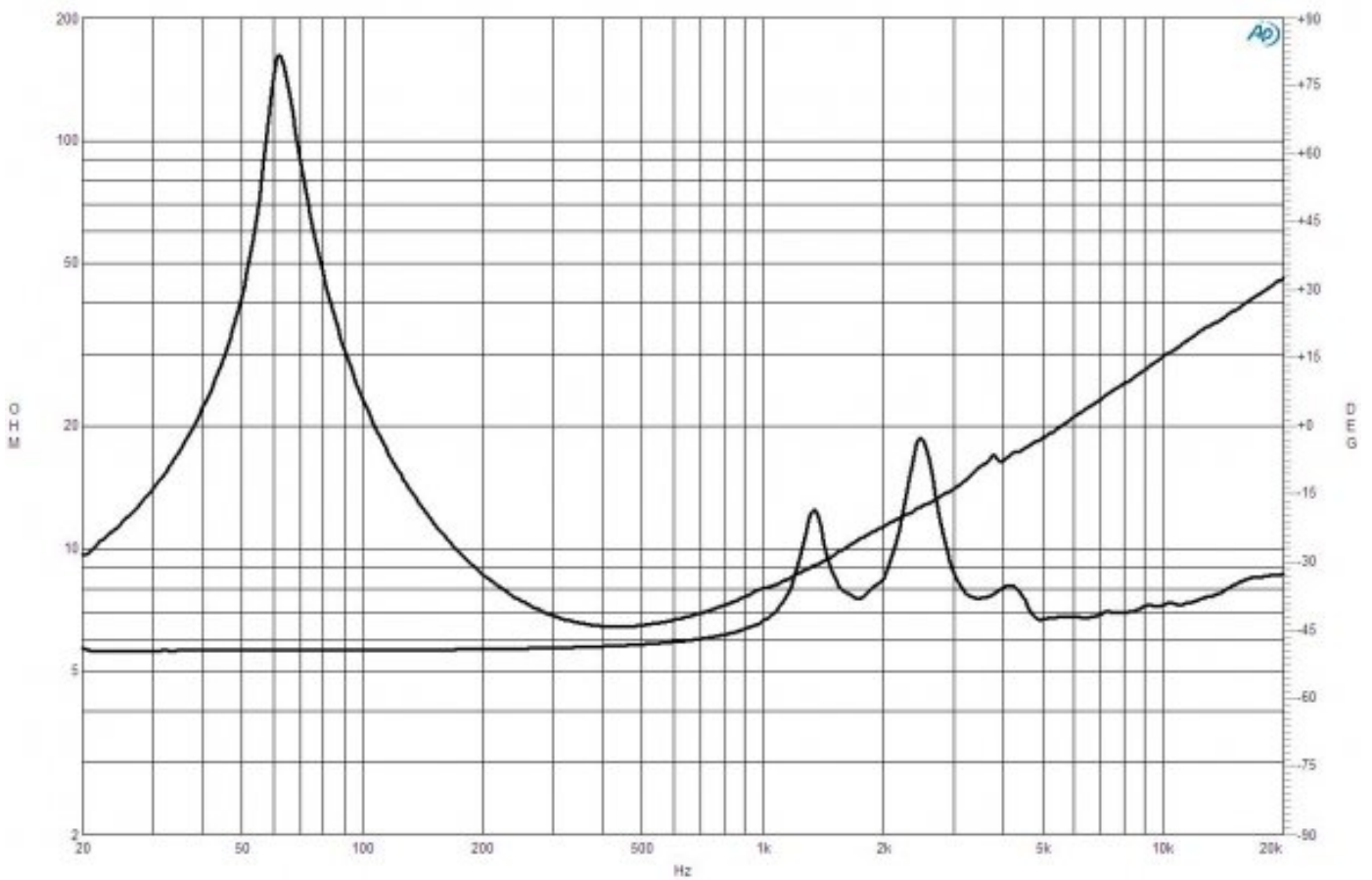
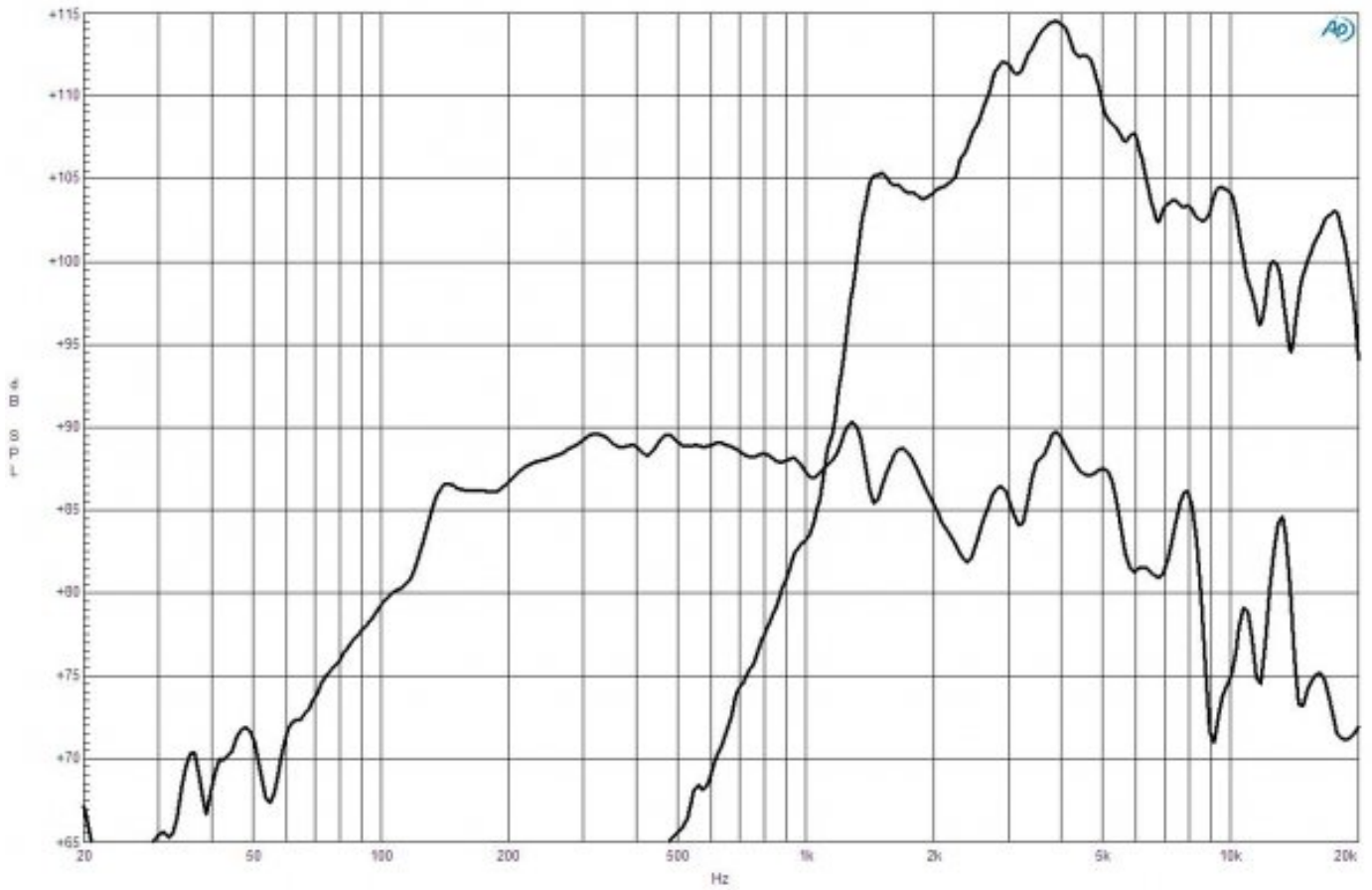
## MOUNTING AND SHIPPING INFO

Overall Diameter	<b>136 mm (5.35 in)</b>
Bolt Circle Diameter	<b>142 mm (5.6 in)</b>
Baffle Cutout Diameter	<b>122 mm (4.8 in)</b>
Depth	<b>110 mm (4.33 in)</b>
Flange and Gasket Thickness	<b>8 mm (0.31 in)</b>
Net Weight	<b>1.85 kg (4.1 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>2.3 kg (5.07 lb)</b>
Shipping Box	<b>255x255x150 mm (10.04x10.04x5.91 in)</b>

## SERVICE KITS

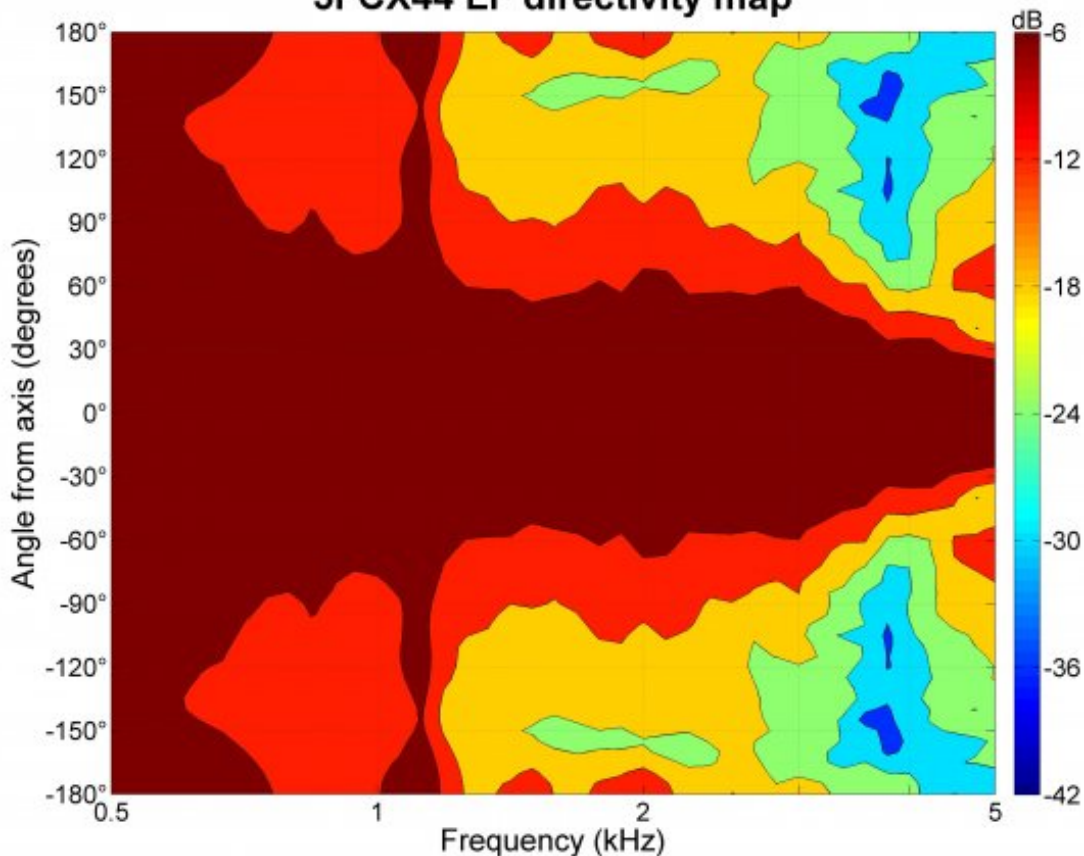
HF replacement-diaphragm	<b>MMDE58</b>
LF recone-kits	<b>RCK005FCX448</b>

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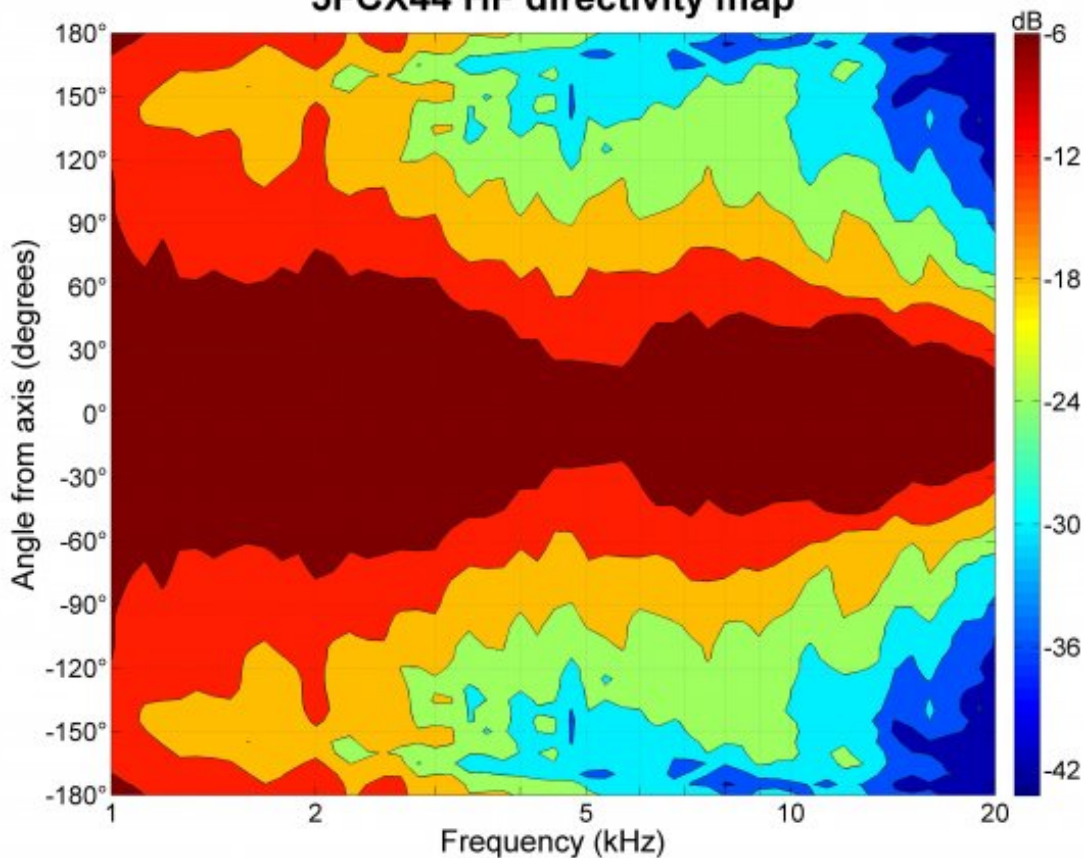


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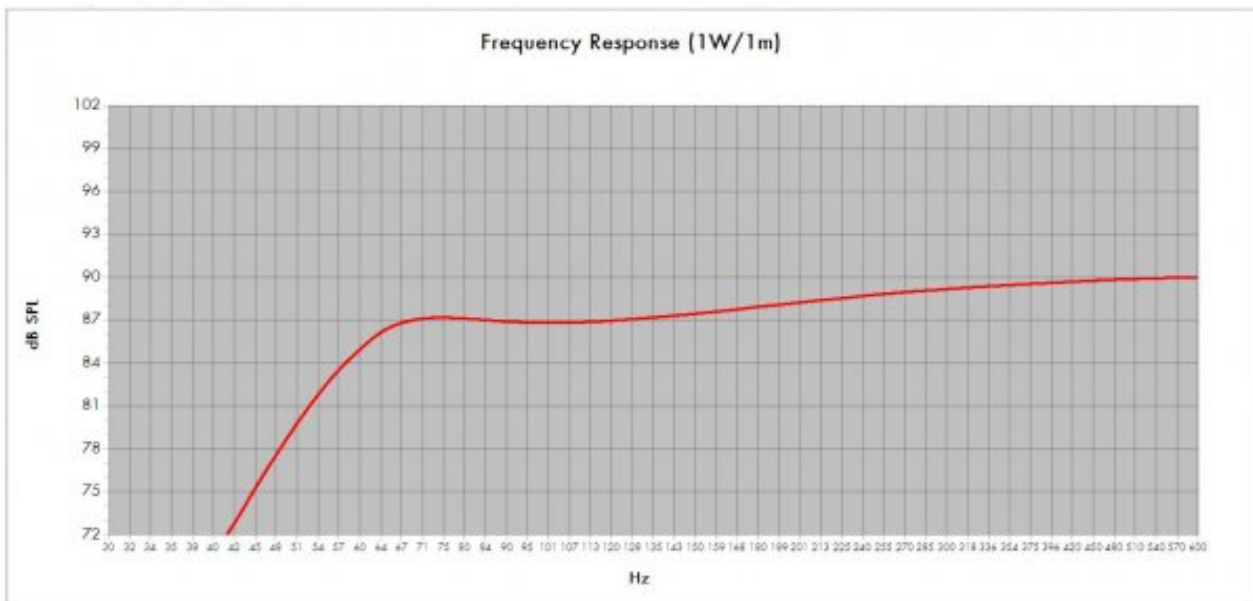
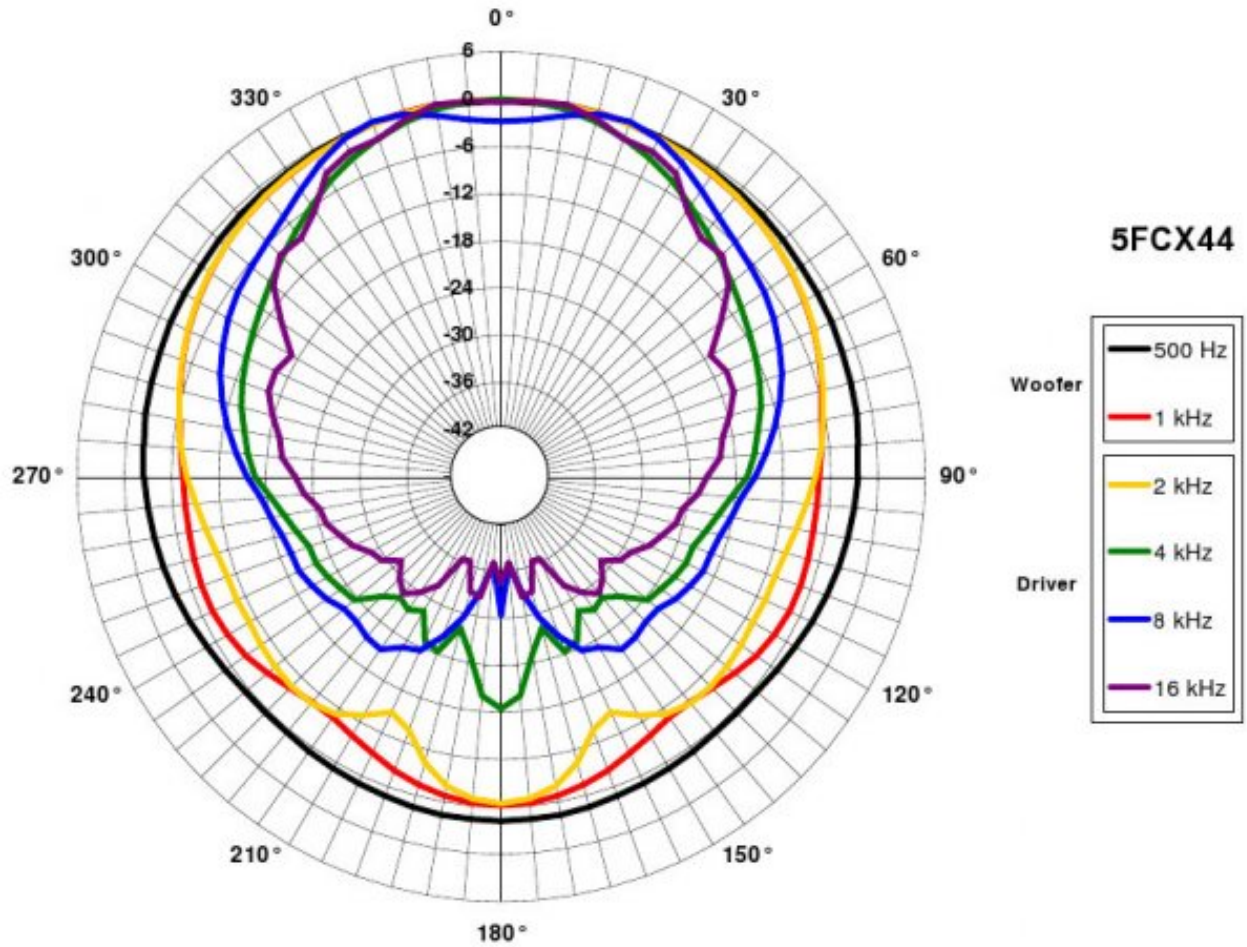
5FCX44 LF directivity map



5FCX44 HF directivity map



## 5FCX44 8 Ω



Model:	<b>5FCX44</b>	Configuration:	<b>One Driver</b>
Enclosure Type:	<b>Bass Reflex</b>	QB:	<b>5</b>
Internal Net Volume [Litres]:	<b>7</b>	Port Area [cm²]:	<b>15,2</b>
Tuning Frequency [Hz]:	<b>63</b>	Port Length [cm]:	<b>12,6</b>
Frequency [-3 dB] [Hz]:	<b>145,4</b>		
Excursion Limited Maximum SPL at 1 meter [dB]:	<b>110,3</b>	equal to	<b>100,0</b> Watts [Bass Band Power Rating]
Thermal Limited Maximum SPL at 1 meter [dB]:	<b>110,3</b>	equal to	<b>100,0</b> Watts [Mid Band Power Rating]



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