10FCX64 8 Ω

- 500 W continuous program power capacity
- 70° nominal coverage
- 65 - 18000 Hz response
- 95 dB sensitivity
- 33 mm (1.3”) HF unit exit diameter





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GENERAL

Nominal Diameter	**250 mm (10 in)**
Nominal Impedance	**8 Ω**
Frequency Range	**65 Hz - 18000 Hz**
Dispersion Angle Included by –6 dB down points.	**70 °**

PARAMETERS

Fs	**63 Hz**
Re	**5.5 Ω**
Qes	**0.44**
Qms	**7.9**
Qts	**0.42**
Vas	**25 dm³ (0.89 ft³)**
Sd	**320 cm² (49.1 in²)**
η0	**1.4 %**
Xvar	**6 mm**
Mms	**37 g**
Bl	**13.4 Tm**
Le	**1.2 mH**
EBP	**143 Hz**

SPECIFICATIONS HF UNIT

Nominal Diameter	**250 mm (10 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**7 Ω**
Nominal Power Handling 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.	**80 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**160 W**
Sensitivity Applied RMS Voltage is set to 2.83V.	**104 dB**
Recommended Crossover 12 dB/oct. or higher slope high-pass filter.	**1.2 kHz**
Voice Coil Diameter	**65 mm (2.5 in)**
Winding Material	**Aluminium**
Inductance	**0.15 mH**
Flux Density	**1.6 T**
Diaphragm Material	**Titanium**

SPECIFICATIONS LF UNIT

Nominal Diameter	**250 mm (10 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.4 Ω**
Nominal Power Handling 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	**250 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**500 W**
Sensitivity Applied RMS Voltage is set to 2.83V.	**95 dB**
Voice Coil Diameter	**64 mm (2.5 in)**
Winding Material	**Copper**
Former Material	**Kapton**
Winding Depth	**13 mm (0.51 in)**
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	**0.96 T**
Woofer Cone Treatment	**WP Waterproof Front Side**

DESIGN

Magnet Material	**Ferrite**
Woofer Cone Treatment	**WP Waterproof Front Side**

MOUNTING AND SHIPPING INFO

Overall Diameter	**261 mm (10.3 in)**
Bolt Circle Diameter	**245 mm (9.6 in)**
Baffle Cutout Diameter	**233 mm (9.17 in)**
Depth	**140 mm (5.51 in)**
Flange and Gasket Thickness	**11 mm (0.43 in)**
Net Weight	**5.6 kg (12.35 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**6.5 kg (14.33 lb)**
Shipping Box	**360x360x200 mm (14.17x14.17x7.87 in)**

CROSSOVER

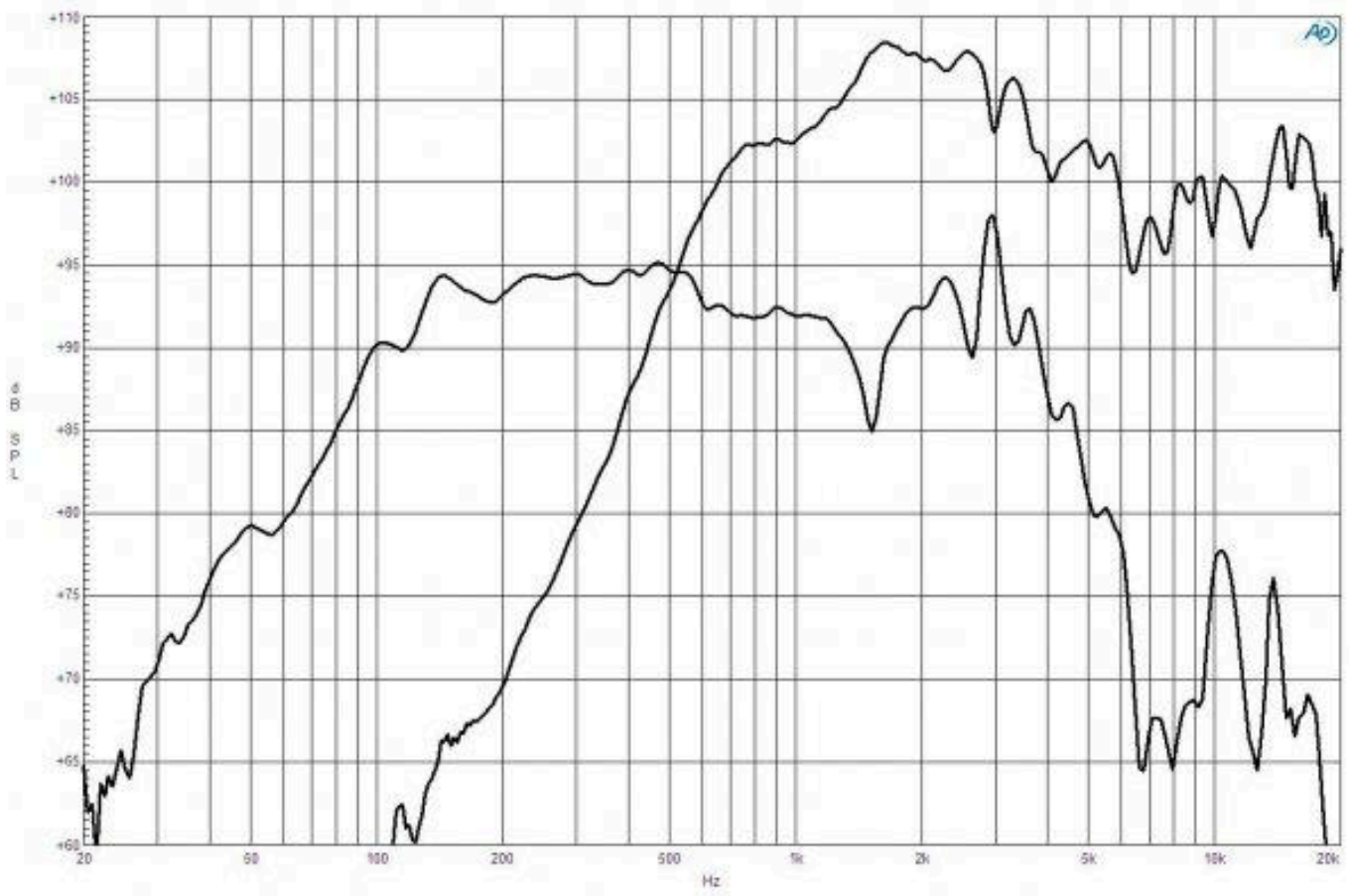
FB10CX64	**8Ω**

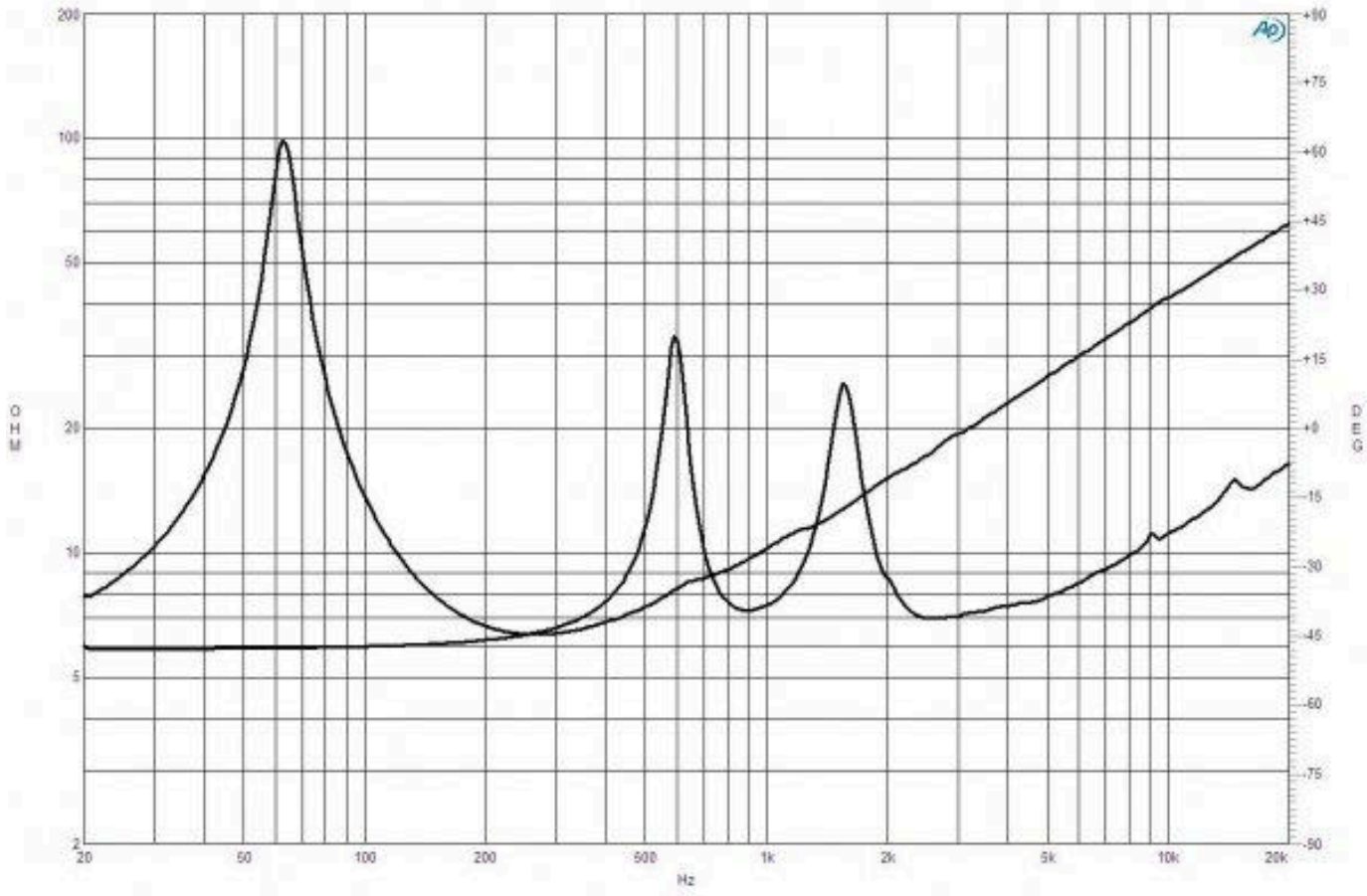
SERVICE KITS

HF replacement-diaphragm	**MMD620TN8M**
LF recone-kits	**RCK10FCX648**

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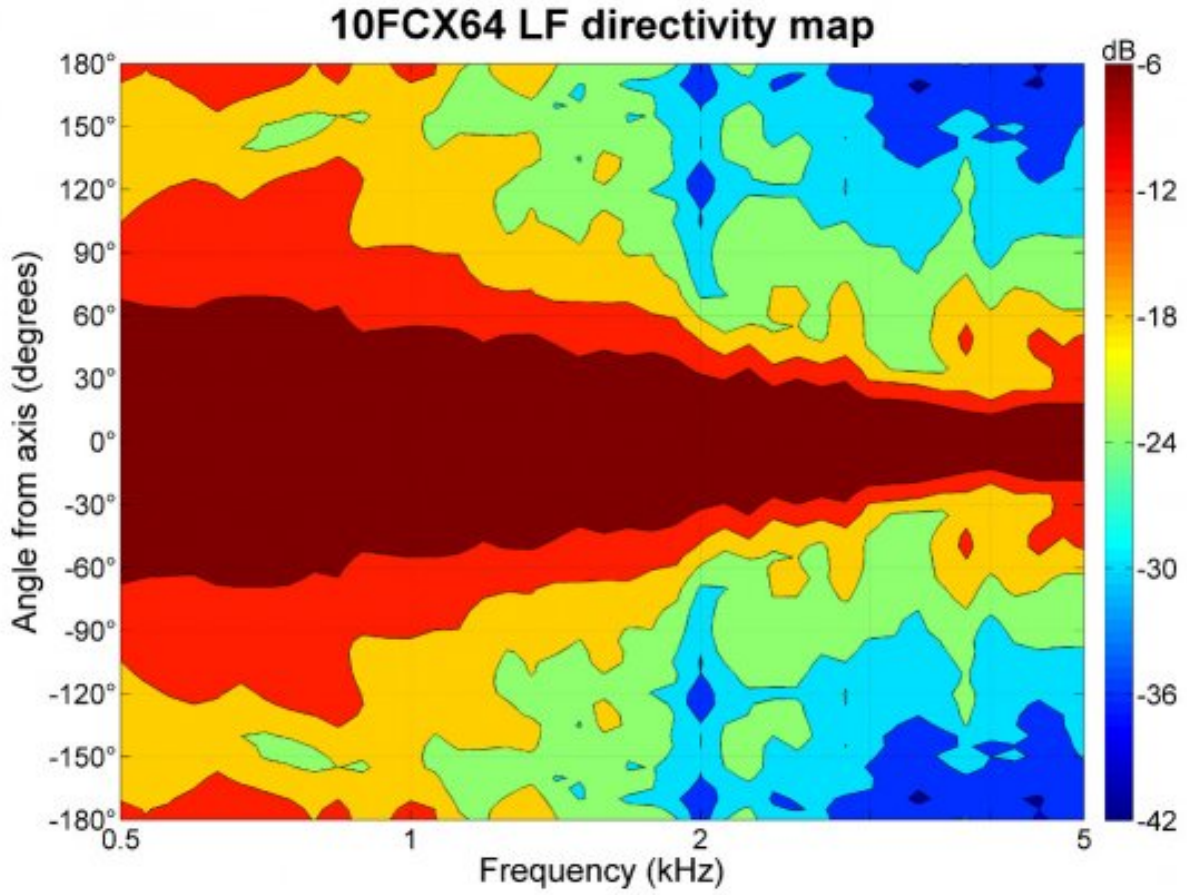
10FCX64 8 Ω

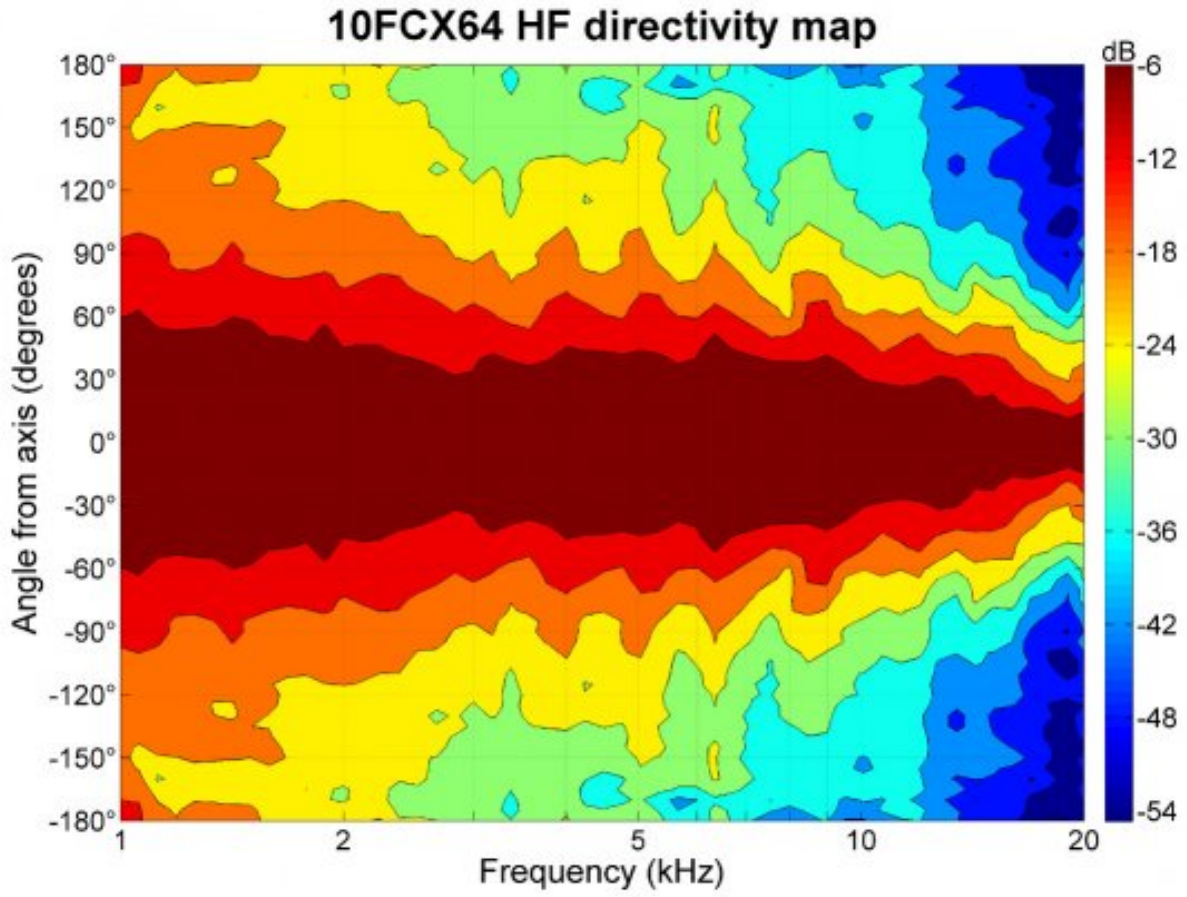




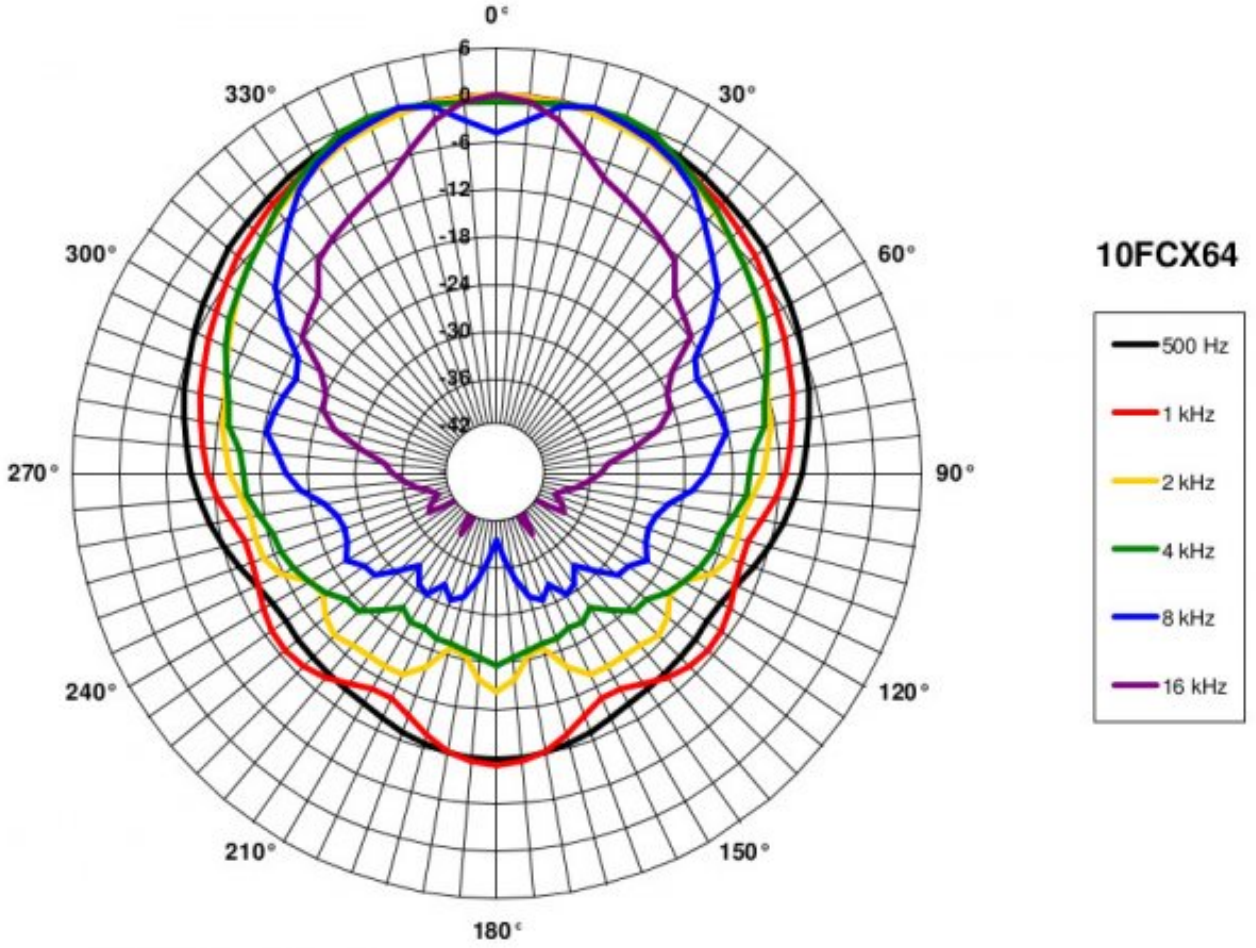
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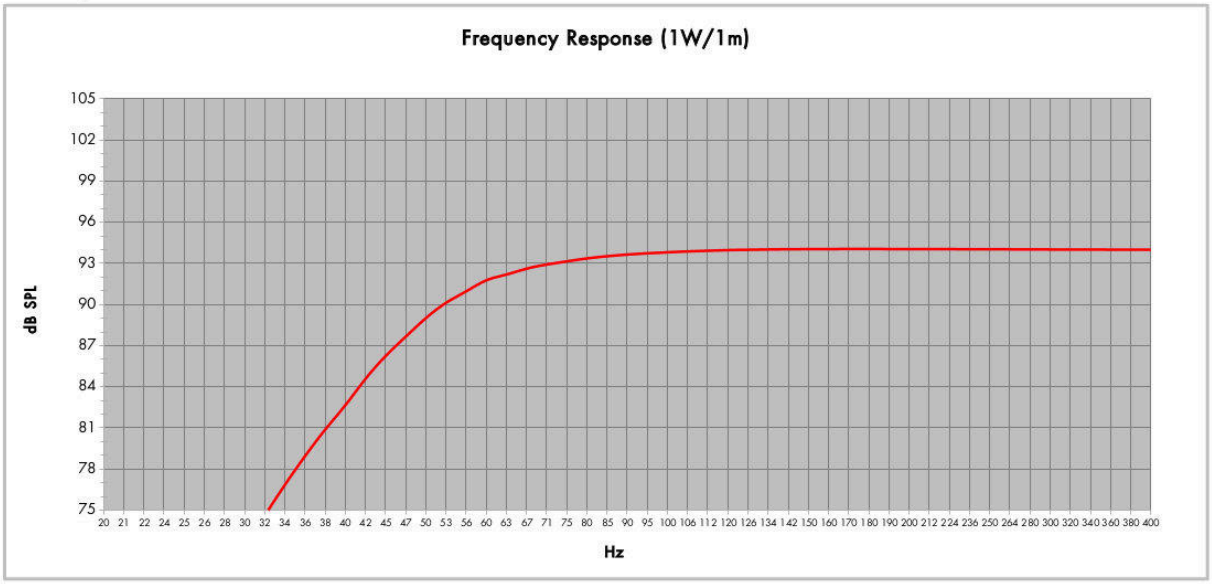
10FCX64 8 Ω


10FCX64 LF directivity map
Angle from axis (degrees)
180°
150°
120°
90°
60°
30°
0°
-30°
-60°
-90°
-120°
-150°
-180°
0.5
1
2
5
Frequency (kHz)
dB
-6
-12
-18
-24
-30
-36
-42


10FCX64 HF directivity map
Angle from axis (degrees)
180°
150°
120°
90°
60°
30°
0°
-30°
-60°
-90°
-120°
-150°
-180°
1
2
5
10
20
Frequency (kHz)
dB
-6
-12
-18
-24
-30
-36
-42
-48
-54

10FCX64 8 Ω

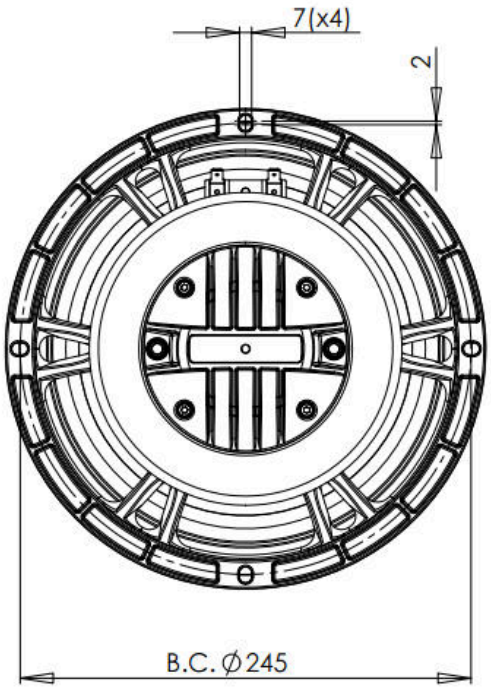


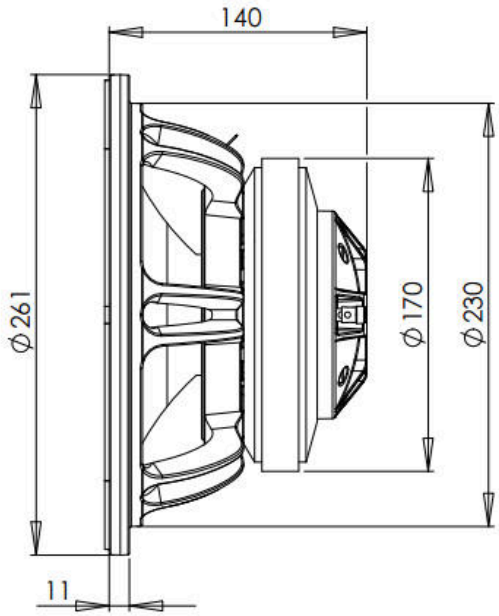


Model:	**10FCX64**		
Enclosure Type:	**Bass Reflex**	Configuration:	**One Driver**
Internal Net Volume (Litres):	**30**	QB:	**7**
Tuning Frequency (Hz):	**55**	Port Area (cm²):	**60,8**
Frequency (-3 dB) (Hz):	**56,0**	Port Length (cm):	**12,5**

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