ME148+464 8 Ω

- Line Array optimized Waveguide with DCX464 driver and ME148 horn
- Time coherent coaxial ring radiator design (Patents EP3644623B1, US11343608B2)
- 120° max horizontal coverage
- 109.1 dB sensitivity
- 220 W continuous program power capacity
- Neodymium magnet assembly
- Recommended hardware for horn mounting: four M6x12 screws





B&C Speakers S.p.A. Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) | ITALY
Tel. +39 055 65721 | Fax +39 055 6572312 | mail@bcspeakers.com

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SPECIFICATIONS HORN UNIT

Waveguide mounted on 90°x10° bell horn

Nominal Impedance	**8 Ω**
Active Radiating Factor	**93.3 %**
Horizontal Coverage	**120 ° Max**

SPECIFICATIONS HF UNIT

Minimum Impedance	**9.1 Ω**
Nominal Power Handling 2 hour test made with continuous pink noise signal (6 dB crest factor) within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance.	**80 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater then the Nominal rating.	**160 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms impedance	**107.6 dB**
Frequency Range	**3.5 kHz - 18 kHz**
Recommended Crossover 12 dB/oct. Or higher slope high-pass filter.	**4 kHz**
Voice Coil Diameter	**65 mm (2.56 in)**
Winding Material	**Aluminium**
Inductance	**0.1 mH**
Flux Density	**2.14 T**
Diaphragm Material	**HT Polymer Ring**

SPECIFICATIONS MF UNIT

Minimum Impedance	**6.5 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.	**110 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater then the Nominal rating.	**220 W**
Sensitivity Applied RMS Voltage is set to 2.83 V with FB4648 crossover filter	**109.1 dB**
Frequency Range	**0.3 kHz - 5.5 kHz**
Recommended Crossover 12 dB/oct. Or higher slope high-pass filter.	**0.3 kHz**
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	**Aluminium**
Inductance	**0.21 mH**
Flux Density	**1.9 T**
Diaphragm Material	**HT Polymer Ring**

MOUNTING AND SHIPPING INFO

Recommended hardware for horn mounting: four M6x12 screws

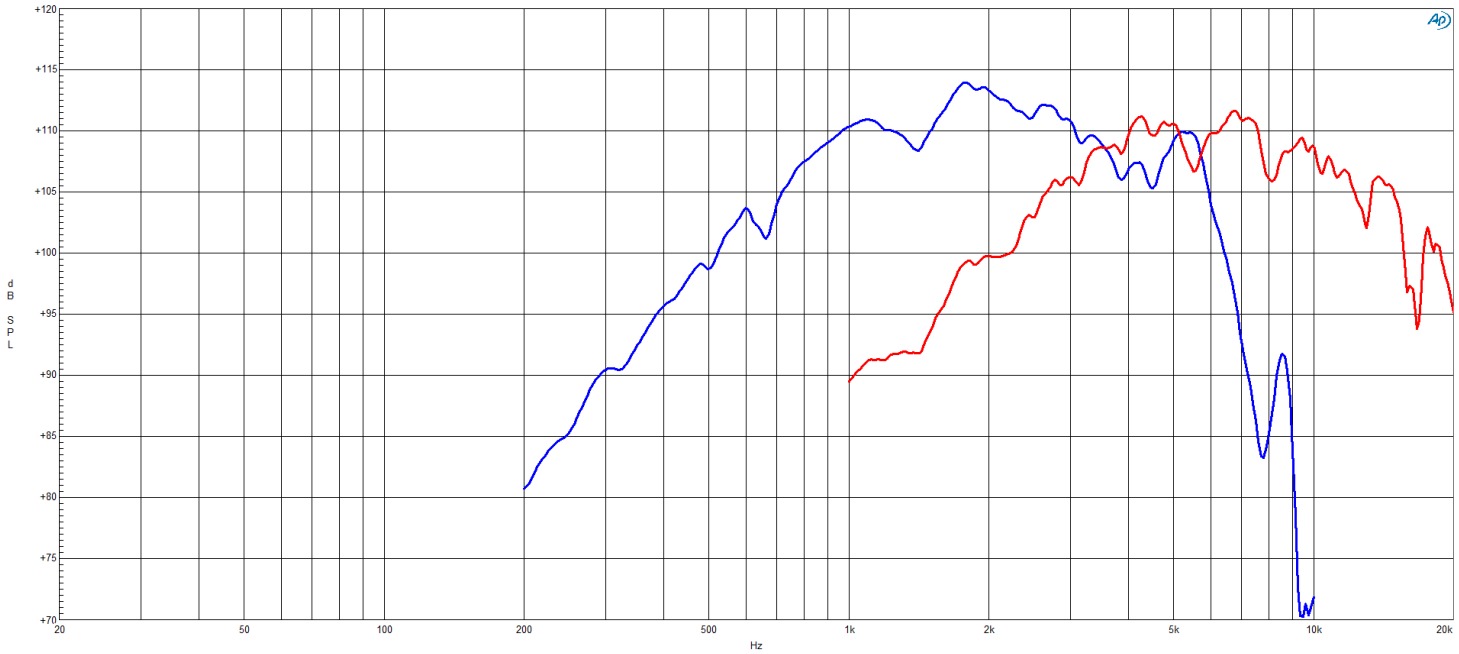
Exit Size	**225x25.6 mm (8.9x1 in)**
Net Weight	**4.48 kg (9.88 lb)**
Driver Diameter	**152 mm (5.98 in)**
Dimensions	**251.9x240x120.1 mm (9.92x9.45x4.73 in)**

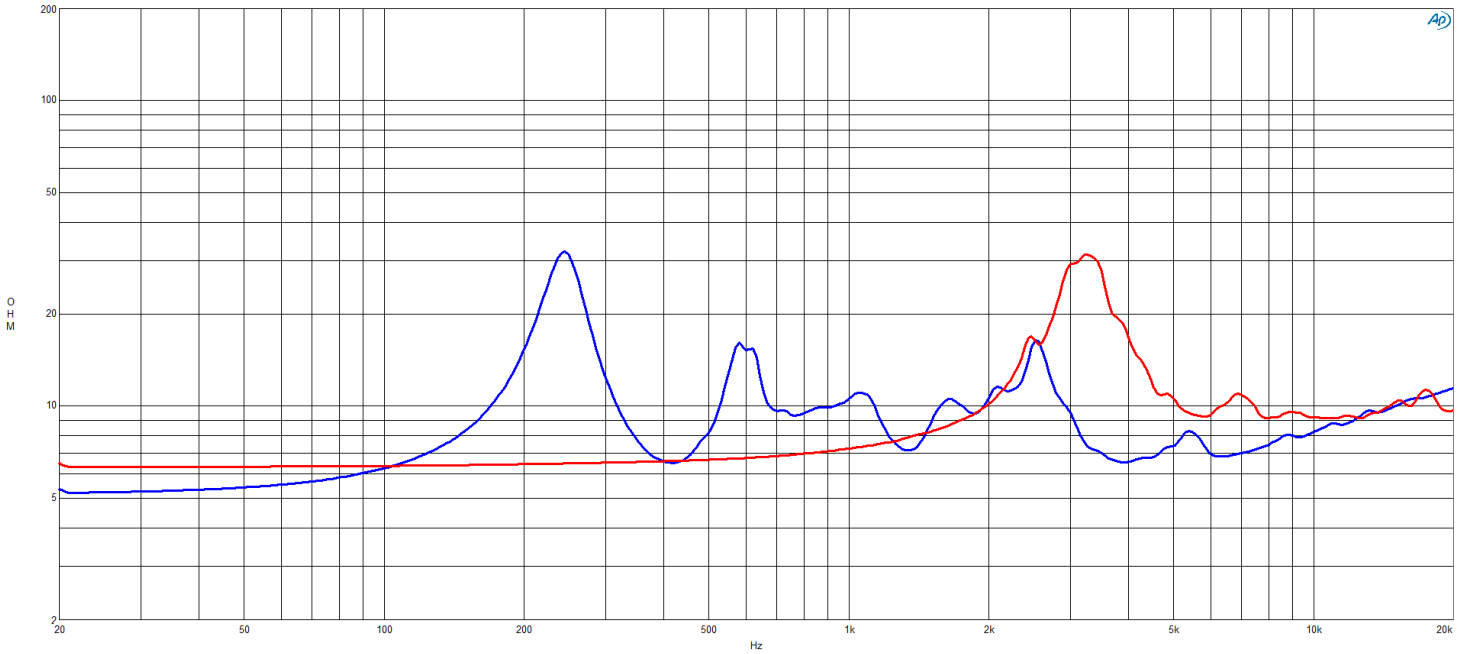
SERVICE KITS

HF replacement-diaphragm	**MMDDCX464HF8**
MF replacement-diaphragm	**MMDDCX464MF8**

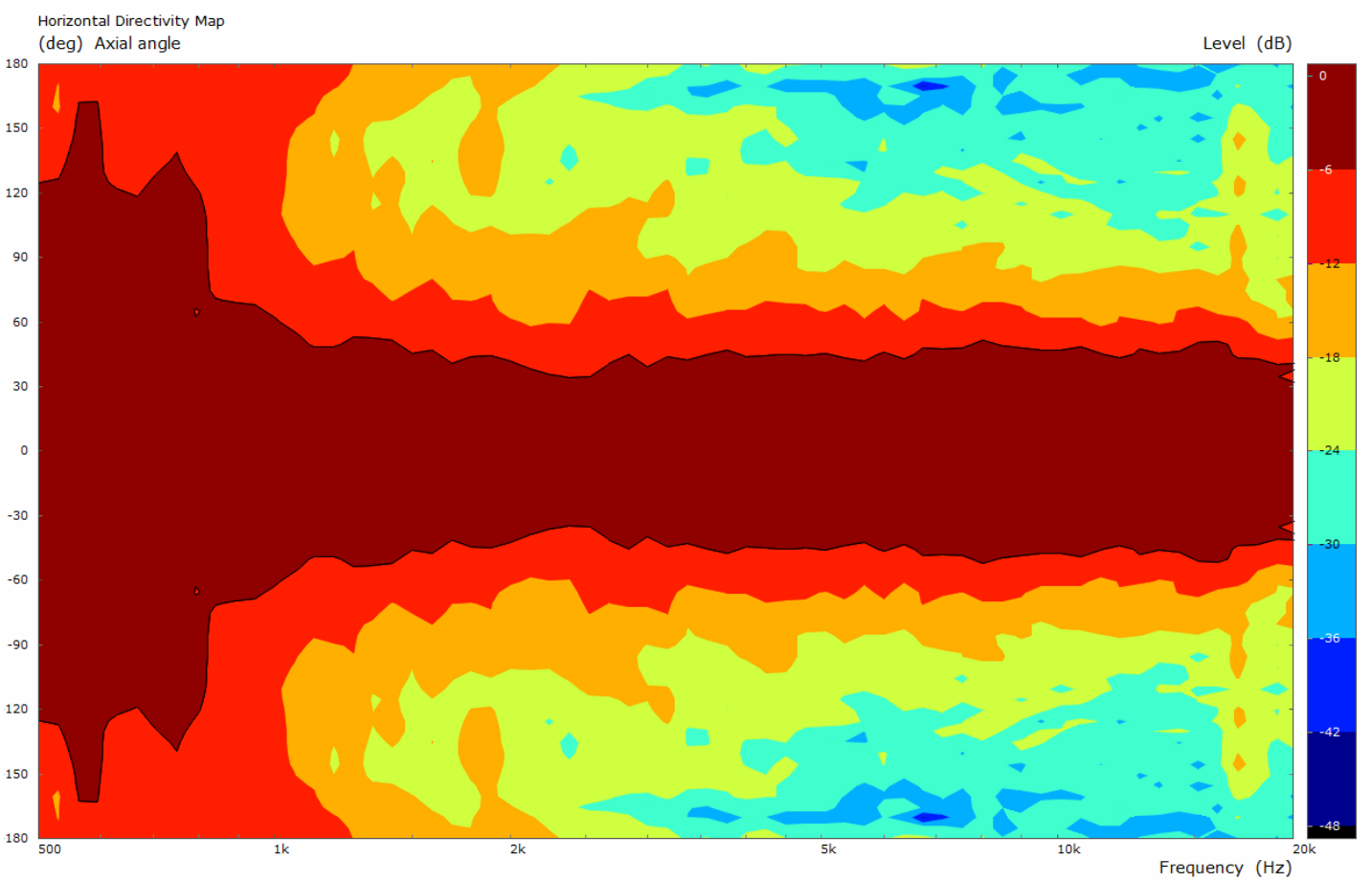
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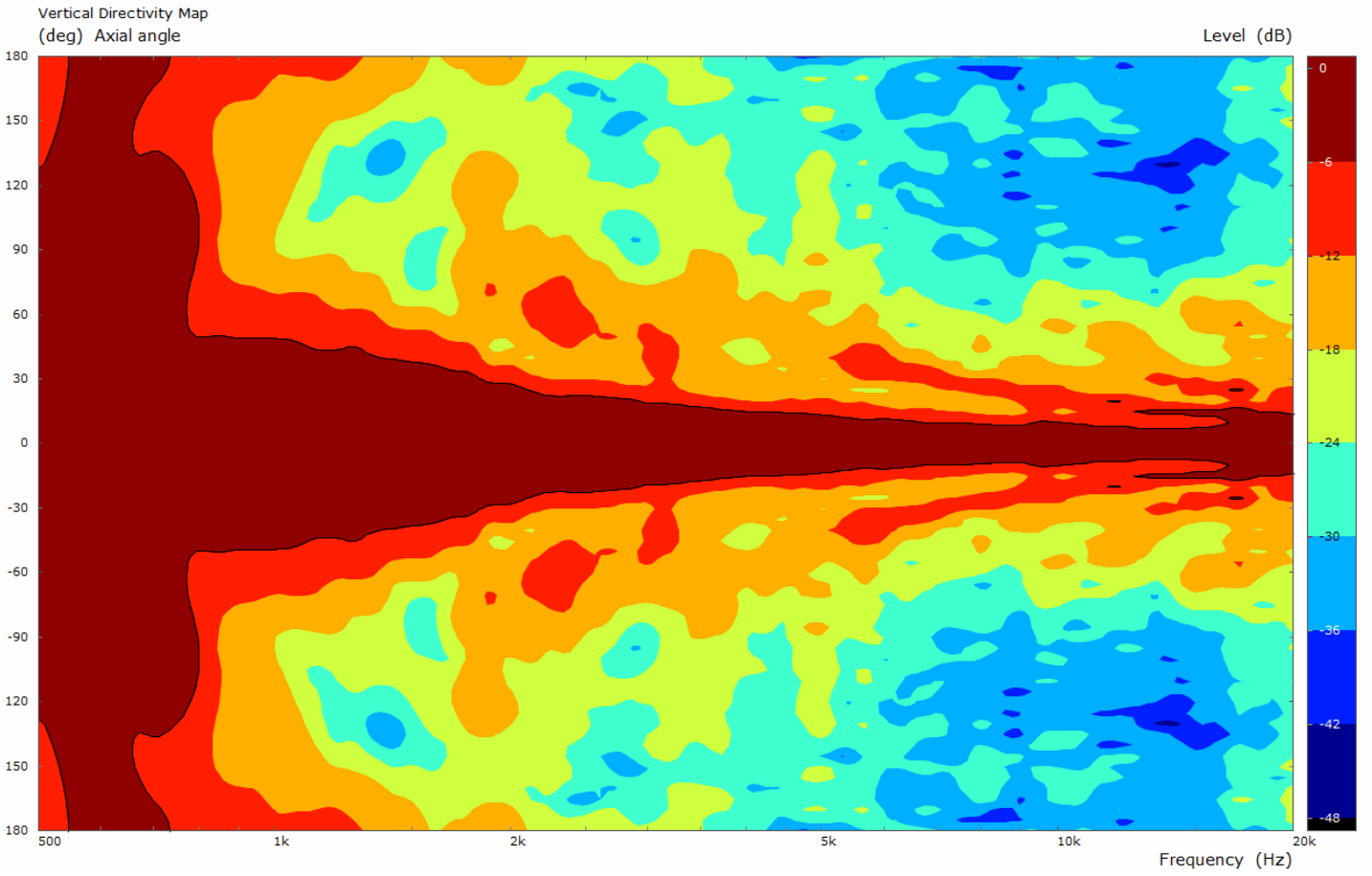
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dB SPL
+120
+115
+110
+105
+100
+95
+90
+85
+80
+75
+70
20
50
100
200
500
1k
2k
5k
10k
20k
Hz


OHM
200
100
50
20
10
5
2
20
50
100
200
500
1k
2k
5k
10k
20k
Hz

ME148+464 8 Ω


Horizontal Directivity Map
(deg) Axial angle
Level (dB)
180
150
120
90
60
30
0
-30
-60
-90
120
150
180
0
-6
-12
-18
-24
-30
-36
-42
-48
500
1k
2k
5k
10k
20k
Frequency (Hz)


Vertical Directivity Map
(deg) Axial angle
Level (dB)
180
150
120
90
60
30
0
-30
-60
-90
120
150
180
0
-6
-12
-18
-24
-30
-36
-42
-48
500
1k
2k
5k
10k
20k
Frequency (Hz)

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