DCX462 8 Ω

- Time coherent coaxial ring radiator design (Patents EP3644623B1, US11343608B2)
- 2" horn throat diameter
- 300 - 18000 Hz response
- 111.4 dB sensitivity
- 220 W continuous program power capacity
- Neodymium magnet assembly

More than five years of B&C research and development has culminated in a family of next generation high frequency devices. Compression drivers are the linchpin of a PA system: operating at wavelengths too small to readily couple with other drivers, they alone have to fight distance and atmospheric losses to deliver concert sound pressure levels to ever larger audiences.
Enter the DCX462 coaxial ring radiator, designed from scratch to advance the state of the art. The DCX462's midrange diaphragm covers 300Hz – 5.5kHz with 111.1 dB sensitivity, and its 100mm voice coil handles 220 watts. The 64mm coil high frequency diaphragm covers 3.5 – 18kHz with 111.4 dB sensitivity and handles 160 watts. A patented midrange integrator (US Patents #11683636/11343608) allows both diaphragms to work in harmony over a wide bandwidth, for greater combined output and crossover flexibility. All this energy arrives at a 2" throat, from the most compact package that can be designed today.
Brand new materials and thousands of hours of modelling and testing result in lower distortion at higher SPL than has ever been possible before. Consider the new DCX462 for your next design, and enjoy a new standard in fidelity, with the reliability and consistency you expect from B&C.





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

DCX462 8 Ω

SPECIFICATIONS MF UNIT

Driver mounted on 320 Hz exponential horn

Throat Diameter	**50 mm (2 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.4 Ω**
Nominal Power Handling	**110 W**
Continuous Power Handling	**220 W**
Sensitivity	**111.1 dB**
Frequency Range	**0.3 kHz - 5.5 kHz**
Recommended Crossover	**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**

SPECIFICATIONS HF UNIT

Driver mounted on 320 Hz exponential horn

Throat Diameter	**50 mm (2 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**9 Ω**
Nominal Power Handling	**80 W**
Continuous Power Handling	**160 W**
Sensitivity	**111.4 dB**
Frequency Range	**3.5 kHz - 18 kHz**
Recommended Crossover	**4 kHz**
Voice Coil Diameter	**65 mm (2.5 in)**
Winding Material	**Aluminium**
Inductance	**0.1 mH**
Flux Density	**2.14 T**
Diaphragm Material	**HT Polymer Ring**

MOUNTING AND SHIPPING INFO

Four M6 holes 90° on 102 mm (4") diameter

Overall Diameter	**152 mm (5.98 in)**
Depth	**110 mm (4.33 in)**
Net Weight	**3.26 kg (7.19 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**3.46 kg (7.63 lb)**
Shipping Box	**170x170x140 mm (6.69x6.69x5.51 in)**

CROSSOVER

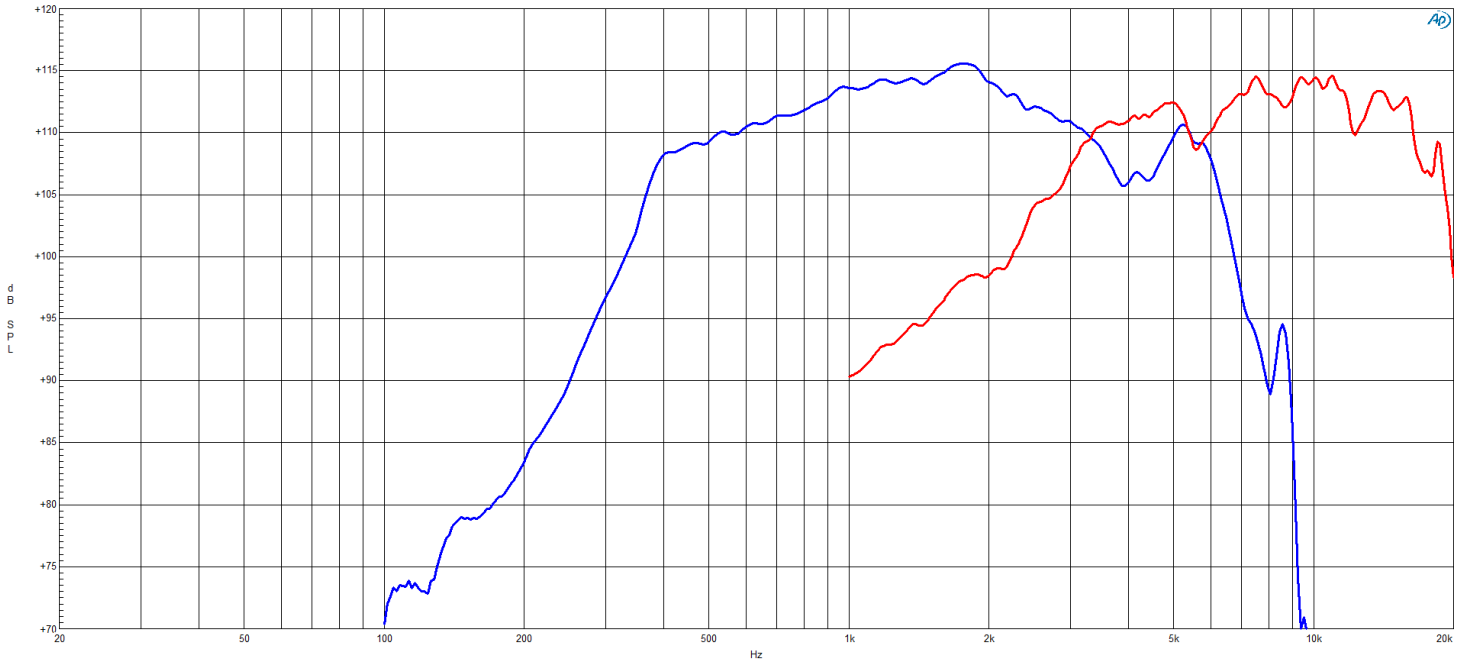
FB464V2	**8Ω**
FB464	**8Ω**

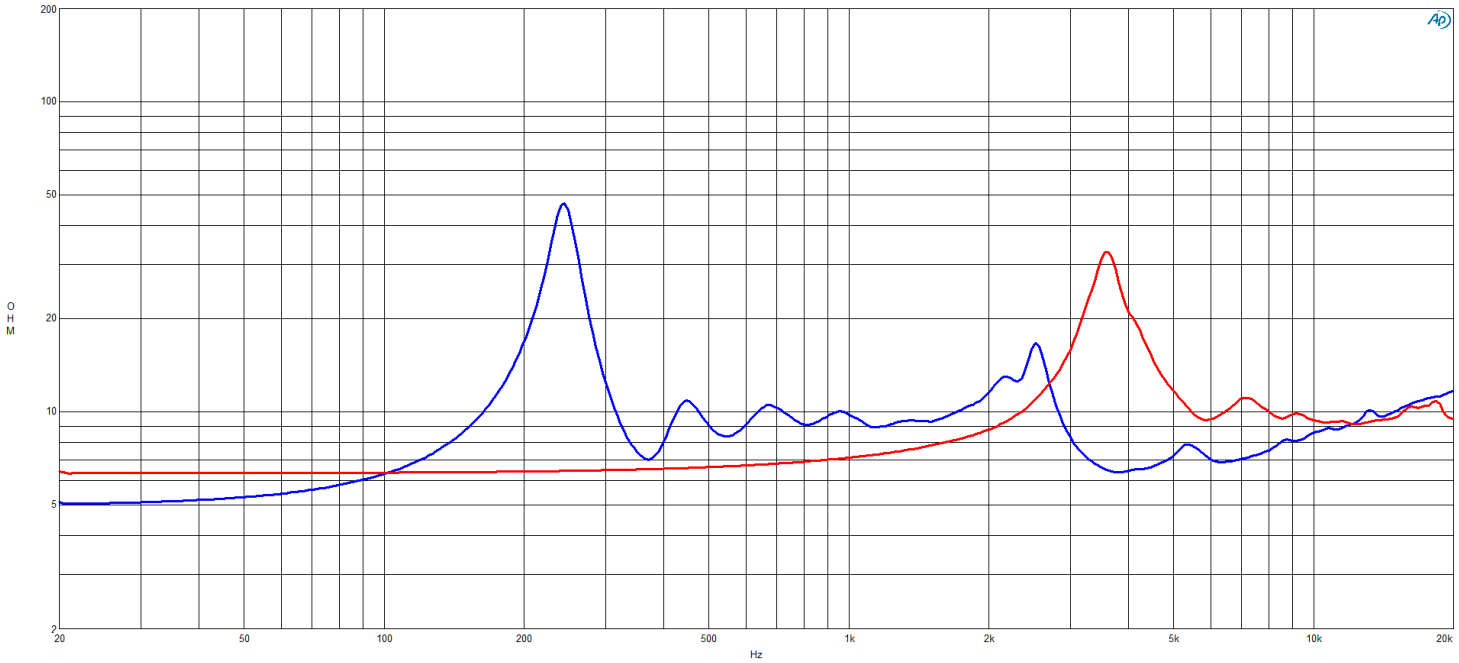
SERVICE KITS

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

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

DCX462 8 Ω


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


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