10NCX

Coaxials - 10.0 Inches

- 400 W continuous program power capacity
- 70° nominal coverage
- 60 - 18000 Hz response
- 94 dB sensitivity
- Neodymium magnet assembly
- 45.8 mm (1.8”) HF unit exit diameter
- XO-5 dedicated crossover network

B&C Speakers s.p.a.

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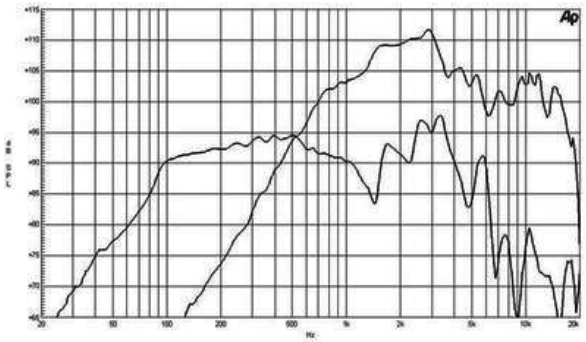

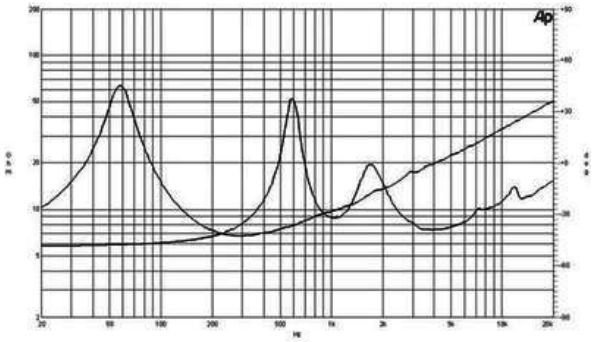

SPECIFICATIONS

Nominal diameter	225 mm (10.0 in)
Nominal impedance	8 Ω
Minimum impedance lf	6.8 Ω
Minimum impedance hf	7.3 Ω
Frequency range	60 - 18000 Hz
Dispersion angle[1]	70 °
Magnet material	Neodymium Ring

SPECIFICATIONS LF UNIT

LF Sensitivity[2]	94.0 dB
LF Nominal Power Handling[3]	200 W
LF Continuous Power Handling[4]	400 W
LF Voice Coil Diameter	65 mm (2.5 in)
LF Winding Material	Aluminium

SPECIFICATIONS HF UNIT

HF Sensitivity[5]	106.0 dB
HF Nominal Power Handling[6]	50 W
HF Continuous Power Handling[7]	100 W
HF Voice Coil Diameter	65 mm (2.5 in)
HF Winding Material	Aluminium
Diaphragm material	Titanium
Recommended crossover[8]	1.2 kHz

PARAMETERS

Fs	57 Hz
Re	5.6 Ω
Qes	0.35
Qms	3.7
Qts	0.32
Vas	40.0 dm^3 (1.4 ft^3)
Sd	320.0 cm^2 (49.1 in^2)
η_0	2.0 %
Xmax	3.0 mm
Xvar	6.0 mm
Mms	28 g
Bl	12.7 Txm
Le	1.2 mH
EBP	162 Hz

MOUNTING AND SHIPPING INFO

Overall diameter	262 mm (10.3 in)
Bolt circle diameter	245 mm (9.6 in)
Baffle cutout diameter	230 mm (8.8 in)
Depth	144 mm (5.7 in)
Flange and gasket thickness	14 mm (0.55 in)
Net weight	3.9 kg (8.6 lb)
Shipping weight	4.6 kg (10.1 lb)
Shipping box	320x320x160 mm (12x12x6.3 in)

CROSSOVER

Model	XO-5
Filter Type	Two way
Nominal Impedance	8.0 Ω
Low-pass slope	12.0 dB/oct
High-pass slope	12.0 dB/oct
Overall Dimensions	117x105 mm (4.6x4.1 in)
Weight	0.6 kg (1.3 lb)

SERVICE KIT

Service kit lf	RCK010NCX8
Replacement diaphragm	MMD6108M

1. Included by –6 dB down points.
2. Applied RMS Voltage is set to 2.83V.
3. 2 hours test made with continuous pink noise signal (6 dB crest factor) within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
4. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
5. Applied RMS Voltage is set to 2.83V.
6. 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. Loudspeaker in free air.
7. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
8. 12 dB/oct. or higher slope high-pass filter.

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