

# BIANCO-44CD-PK

1" - 50W - 106dB - 8Ohm - VC 44mm

AUDIENCE



- PEEK diaphragm
- Excellent frequency response
- Smooth yet detailed and dynamic character
- Extended upper frequency response
- Advanced voice coil with Flat Copper Clad Aluminium Wire
- Push Terminal for easy installation

## Dimensions & Weight

Throat Diameter	25.4 mm (1 in)
Overall Diameter	120 mm (4.7 in)
90° Mounting Holes Diameter (4xM6)	76 mm (3.0 in)
Depth	61.4 mm (2.41 in)
Net Weight	2.22 kg (4.89 lb)
Shipping Box	139 x 121 x 73 mm (5.47 x 4.76 x 2.87 in)
Gross Weight	2.29 Kg (5.04 lb)

## Replacement Diaphragm

N/A
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## NOTES :

Driver mounted on Horn H250

- (1) 2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20kHz.
- (2) Maximum power is defined as 3dB greater than nominal power.
- (3) Averaged within the frequency range
- (4)  $X_{max} = [(Winding\ depth - magnetic\ gap\ depth)/2] + (Magnetic\ gap\ depth/3)$

## Specs :

Nominal Impedance	8 Ohm
RDC	6.2 Ohm
AES Power Handling (1)	50 W
Maximum Power Handling (2)	100 W
Sensitivity (1W/1m)(3)	106 dB
Frequency Range	700 - 20000 Hz
Recommended Crossover Frequency	1.8 kHz
Voice Coil Diameter	44 mm (1.73 in)
Winding Material	Flat copper clad aluminium
Former Material	Kapton
Winding Depth	2.25 mm (0.089 in)
Xmax (4)	0.71 mm (0.028 in)
Magnetic Gap Depth	2.5 mm (0.10 in)
Diaphragm Material	Polyether ether ketone (PEEK)
Flux Density	1.6 T
Magnet	Ferrite
Demodulation	-
Phase Plug Design	Annular
Exit Angle	10.86° conical
NET Air Volume filled by HF Driver	0.59 liters

