

BIANCO-18SW500

AUDIENCE

18" - Subwoofer - 500W - 98dB



- Proprietary cone paper material with silk cotton tree
- Minimum damping fiber glass voice coil former
- Cast aluminium chassis
- 4" voice coil with APC (Advanced Polymer Coating)
- Vented pole piece for reduced compression
- Weather-proof coated cone paper

Dimensions & Weight

Overall Diameter	465 mm (18.30 in)
Bolt Circle Diameter	445 mm (17.52 in)
Baffle Cutout Diameter	422 mm (16.61 in)
Mounting Depth	174 mm (6.85 in)
Flange and Gasket Thickness	18.2 mm (0.72 in)
Net Weight	10.28 Kg (22.66 lb)
Shipping Box	504 x 504 x 248 mm (19.84 x 19.84 x 9.76 in)
Gross Weight	12 Kg (26.45 lb)

Recone Kit

1P000OPSB021

NOTES :

- (1) AES standard, test mode with continuous pink noise signal (6 dB crest factor; 2 hours) within the F_0 to $10F_0$ power calculated on rated nominal impedance. Loudspeaker in free air
- (2) Maximum power is defined as 3dB greater than nominal power.
- (3) $X_{max} = ((\text{Winding depth} - \text{magnetic gap depth})/2) + (\text{magnetic gap depth}/3)$
- (4) Maximum excursion (p-p) before permanent damage
- (5) T/S parameters measured on drive units that are broken in using Klippel LPM Measurement System.

Specs :

Nominal Impedance	8 Ohm
Minimum Impedance	5.6 Ohm
AES Power Handling (1)	500 W
Maximum Power Handling (2)	1000 W
Sensitivity (1W/1m)	98 dB
Frequency Range	30 - 3100 Hz
Voice Coil Diameter	99.2 mm (4 in)
Winding Material	Copper
Former Material	Till
Winding Depth	21.75 mm
Magnetic Gap Depth	10 mm (0.39 in)
Flux Density	1.0 T
Magnet	Ferrite
Basket Material	Aluminium die cast
Demodulation	-
Cone Surround	Double half roll
NET Air Volume filled by driver	7.62 liters
Spider Profile	Single constant height waves
Weather Resistant	Yes

Thiele Small Parameters

Fs	30 Hz
Re	5.7 Ohm
Qes	0.53
Qms	19.04
Qts	0.52
Vas	334.8 liters
Sd	1269.2 cm ²
Xmax (3)	9.21 mm
Xdamage (4)	24 mm
Mms	195.2 g
Bl	19.8 Tm
Le	1.64 mH
Cms	0.15 mm/N
Rms	1.92 Kg/s
Eta Zero	1.6 %
EBP	57

