COLOSSUS 18B

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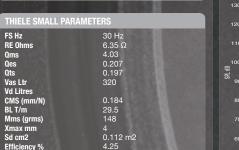


Nominal Chassis Diameter	18"
Impedance	4,8,16 Ω
Power Handling	400 (A.E.S.
Usable Frequency Range -6dB	35 Hz - 1.5
Sensitivity 1 w - 1m	99.3 dB
Moving Mass inc. Air Load	148 grams
Minimum Impedance Zmin	7.8 Ω
Effective Piston Diameter	14.84" / 37
Peak Displacement Volume	0.896 litres
of Cone Vd	
Magnet Weight	120 oz
Magnetic Gap Depth	0.39" / 10m
Flux Density	1.0 Tesla
Coil Winding Height	0.67" / 17 r
Voice Coil Length	100 ft / 30 i
Voice Coil Diameter	4.0" / 101.6

APPLICATION NOTES:

The Colossus 18B has an outstanding reputation as a bass driver that operates in most cabinet applications. It is optimised for 100-250 litre ported enclosures and with its high sensitivity has been a favourite of the bass enthusiast looking to generate high level bass from a lower wattage power amp. Utilising a 4" voice coil and large 120oz magnet this driver offers exceptional performance.

FREQUENCY RESPONSE DATA:



-0.112 m2 4.25

kHz

m nm n

MOUNTING / SHIPPING INFORMATION

Overall Diameter Width Across Flats Flange Height Baffle Hole Diameter F/M Baffle Hole Diameter R/M Casket Sumplied
Gasket Supplied Fixing Holes

Efficiency %

led Enclosure Volume Displaced by Driver Shipping Weight Packing Carton Dimensions

19.1" / 485 mm 18" / 457 mm 0.465" / 11.8 mm 16.53" / 420 mm 16.33" / 414 mm Front & Rear 8 x 7 dia on 468 P Front & Rear 8 x 7 dia on 468 PCD 8 x 7 dia on 468 PCD 8 x 7 dia on 438.15 PCD 7.75"/197 mm 28 lb / 12.7 kg 3.5-8.8 cu ft / 100-250 Litres 0.261 cu ft / 7.4 Litres 32.5 lb / 14.65 kg 485 x 485 x 276 mm

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at Red

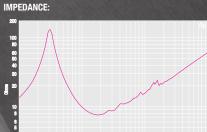
s Forward

ring

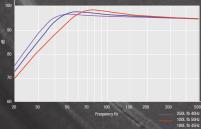
MATERIALS OF CONSTRUCTION Former Material Voice Coil Fibreglass Copper

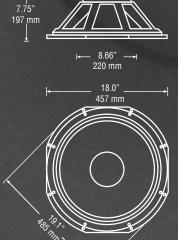
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	Die-cast Alumin
	Paper
Edge Termination	Polyvinyl Damp
	Paper
;	Push-button Sp
	Terminals
	Positive Voltage
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A.E.S power handling test. Pink noise bandpass filtered at 112 dB per octave with cutoff frequencies of 35 Hz and 350 Hz. Driver Please note that the frequency response measurements are supplied for comparison only and are not a measure of the low frequency performance which may be achieved in a fully optimised system.

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Polarity