COLOSSUS 18B

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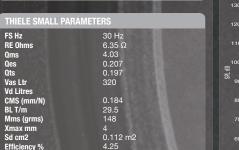


| Nominal Chassis Diameter | 18" |
|------------------------------------|---------------|
| Impedance | 4,8,16 Ω |
| Power Handling | 400 (A.E.S. |
| Usable Frequency Range -6dB | 35 Hz - 1.5 |
| Sensitivity 1 w - 1m | 99.3 dB |
| Moving Mass inc. Air Load | 148 grams |
| Minimum Impedance Zmin | 7.8 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

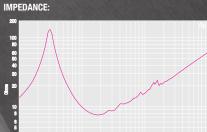
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ring

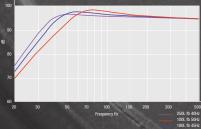
MATERIALS OF CONSTRUCTION Former Material Voice Coil Fibreglass Copper

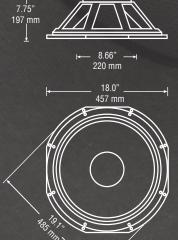
| iterial | Ferrite |
|------------------|------------------|
| | Die-cast Alumin |
| | Paper |
| Edge Termination | Polyvinyl Damp |
| | Paper |
| ; | Push-button Sp |
| | Terminals |
| | Positive Voltage |
| | Terminal Cause |
| | Mation of Cono |











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