

Electro Mechanical Specifications

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|--|-------------------|
| Nominal Chassis Diameter | 5 inch/127mm |
| Impedance | 4, 8, 16Ω |
| Power Rating (watts) | 35 (USA 70) |
| Resonance | 50Hz |
| Usable Frequency Range (-6dB) | 50Hz 15kHz |
| Average Sensitivity (in above range) 1 W/1 m | 93dB |
| Flux Density / Total Flux (Gauss/Maxwells) | 14,000 / 56,000 |
| Magnetic Gap Depth | 0.250 inch/6.35mm |
| Coil Winding Length | 0.315 inch/8.0mm |
| Magnet Weight | 18 oz |
| Voice Coil Diameter | 1.0 inch/25mm |
| Max Usable Excursion | 0.250 inch/6mm |

Thiele & Small Parameters

| | |
|------------------------------|------------------|
| Resonant Frequency fs | 43 Hz |
| Impedance Re | 6.2 |
| Coil Inductance (mH) | 0.39 |
| Qes | 0.28 |
| Qms (Litres) | 5.80 |
| Qts | 0.27 |
| Vas | 2.4 Litres |
| Reference Efficiency (%) | 1.1 |
| Displacement Volume (Litres) | 0.05 Vd |
| Cms | 22.0 |
| BL Product | 5.0 Tesla metres |
| Mms | 6 gms |

Mounting Information

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|-----------------------------------|--------------------------------------|
| Overall Diameter | 6"/1524 mm |
| Width Across Flats | 5.25"/133.35 mm |
| Flange Thickness | 0.270"/6.9 mm |
| Baffle Hole Diameter, Front Mount | 4.63"/117.5 mm |
| Baffle Hole Diameter, Rear Mount | 4.50"/114.3 mm |
| Gasket Supplied | Front & Rear |
| Fixing Holes (2mm)/(",mm) | 4 x 0.218"/5.5 dia x 5.468/138.8 PCD |
| Depth | 2.63"/67 mm |
| Weight | 3.1 lb/1.37 kg |
| Recommended Enclosure Volume | 0.7 - 3.0 cu ft/2-10 litres |
| Shipping Weight | 3.1 lb/1.37 kg |
| Packing Carton Dimensions | 156 x 102 x 143 mm |

Studio 5FR

Exceptional efficiency, power handling and frequency coverage from compact dimensions. Primarily for full-range sound reinforcement and because of extended frequency response is also suited to multi-unit PA systems.



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Materials of Construction

| | |
|--------------------------------|------------------------------------|
| Coil Former or Bobbin Material | Resin Bonded Glass Fibre |
| Voice Coil Material | Polyamid-Imide Coated Copper |
| Magnet | APS Ferrite |
| Chassis | Die Cast Aluminium |
| Cone / Cone Edge Termination | Paper / Rubber Roll |
| Dust Dome | Linen |
| Connectors | 0.125" Tab / Solder |
| Performance Optimised for: | Full Range Singular / Multiple Use |