

QUALITY BUILT HIGH OUTPUT MID RANGE DRIVER OPTIMISED FOR CUSTOM INSTALLATIONS



INSTALLATION POINTS

- Failure to observe any of these installation points will invalidate your warranty:
- Ensure you use appropriate crossover points for the intended result.
 - Be realistic about output - do not try to turn a mid range driver into a subwoofer.
 - Ensure mounting surface is completely flat so as not to distort the speaker chassis.

TS PARAMETERS

| Name | Value | Unit | Note |
|------|---------|------|--|
| RE | 3.0 | OHM | Electrical voice coil resistance at DC |
| LCES | 19.781 | MH | Electrical inductance representing driver compliance |
| FS | 101.709 | HZ | Driver resonance frequency |
| MMS | 12.390 | G | Mechanical mass of driver diaphragm assembly including air load and coil |
| MMD | 10.592 | G | Mechanical mass of voice coil and diaphragm with out air load |
| CMS | 19.763 | MM/N | Mechanical compliance of driver suspension |

DETAILED TECHNICAL DATA

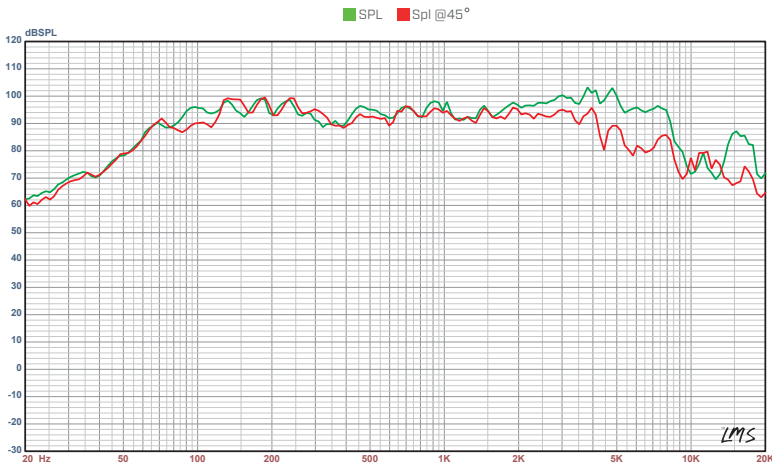
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|------------------------------|------------------|
| Power Handling (Per Driver): | 100WRMS (@0%Thd) |
| Nominal Impedance: | 4 ohm |
| DC Impedance: | 3.2 ohm |
| Voice Coil Diameter: | 38.5 mm |
| Voice Coil Layers: | 2 layers |
| Magnet: | 120*20 mm |
| Magnet Type: | Y30 Ferrite |

TEAM TIPS

- To get the best results from your installation apply deadening and sound insulation material to the install locations.
- To improve the midbass response locate all locate the speakers as close together as possible.
- For improved overall performance ensure the install location is well braced with no flex. If required use MDF speaker rings.
- Pay close attention to ensure you have the correct phase when installing the new drivers especially with factory wiring.

| Name | Value | Unit | Note |
|------|---------|------|--|
| BL | 5.034 | | Force factor BL product |
| QMS | 8.555 | | Mechanical Q factor of driver in free air considering RMS only |
| QES | 0.938 | | Electrical Q factor of driver in free air considering RE only |
| QTS | 0.845 | | Total Q factor considering RE and RMS only |
| VAS | 12.831 | LTR | Equivalent air volume of suspension |
| LMOM | 93.5 | DB | Nominal sensitivity (SPL at 1M for 1W @ ZN) |
| SD | 213.825 | CM2 | Diaphragm area |

SPL VS FREQUENCY



TECHNICAL DRAWING

| | |
|--------------------------------|--------|
| Mounting Depth: | 81mm |
| Mounting Diameter: | 198mm |
| Total Diameter: | 210mm |
| Weight Approx. (Per a Driver): | 1.95Kg |

