

QUALITY BUILT WEATHERPROOF SPEAKER 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 fullrange 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 | 3.4 | OHM | Electrical voice coil resistance at DC |
| LCES | 13.3484 | MH | Electrical inductance representing driver compliance |
| FS | 67.9526 | HZ | Driver resonance frequency |
| MMS | 10.336 | G | Mechanical mass of driver diaphragm assembly including air load and coil |
| MMD | 9.6207 | G | Mechanical mass of voice coil and diaphragm with out air load |
| CMS | 0.5307 | MM/N | Mechanical compliance of driver suspension |

DETAILED TECHNICAL DATA

| | |
|----------------------------|------------------|
| Power Handling (Per Pair): | 150WRMS (@0%Thd) |
| Nominal Impedance: | 4 ohm |
| Voice Coil Diameter: | 25.9 mm |
| Voice Coil Layers: | 2 layers |
| Magnet: | 80*12 mm |
| Magnet Type: | Y30 Ferrite |

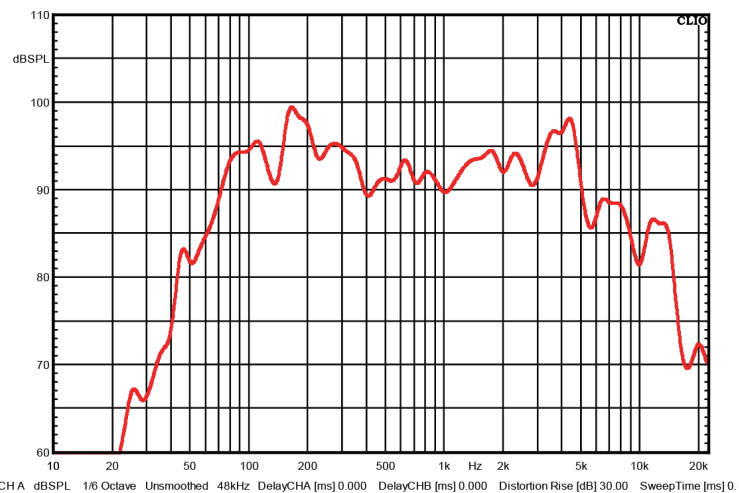
TEAM TIPS

- 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 waterproof stiffening plates.
- Pay close attention to ensure you have the correct phase when installing the new drivers.



| Name | Value | Unit | Note |
|------|---------|------|--|
| BL | 5.0151 | | Force factor BL product |
| QMS | 2.1085 | | Mechanical Q factor of driver in free air considering RMS only |
| QES | 0.5966 | | Electrical Q factor of driver in free air considering RE only |
| QTS | 0.4650 | | Total Q factor considering RE and RMS only |
| VAS | 10.1273 | LTR | Equivalent air volume of suspension |
| LMOM | 89.2872 | DB | Nominal sensitivity (SPL at 1M for 1W @ ZN) |
| SD | 116.9 | CM2 | Diaphragm area |

SPL VS FREQUENCY



TECHNICAL DRAWING

| | |
|--------------------------------|-------|
| Mounting Depth: | 63mm |
| Mounting Diameter: | 135mm |
| Total Diameter: | 180mm |
| Weight Approx. (Per a Driver): | 0.8Kg |

