

QUALITY BUILT WEATHERPROOF SPEAKER OPTIMISED FOR CUSTOM INSTALLATIONS



INSTALLATION POINTS

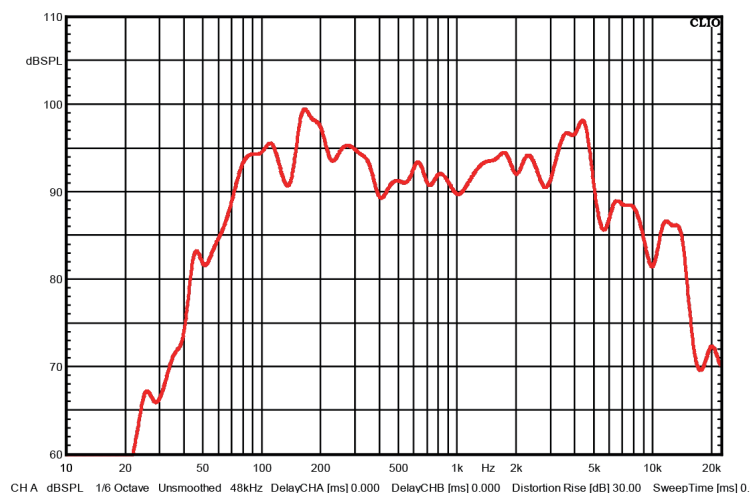
Failure to observe any of these installation points will invalidate your warranty:

- 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

SPL VS FREQUENCY



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

TECHNICAL DRAWING

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

