

# QUALITY BUILT MARINE 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	14.86	MH	Electrical inductance representing driver compliance
FS	49.34	HZ	Driver resonance frequency
MMS	8.18	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	7.4546	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	1.2706	MM/N	Mechanical compliance of driver suspension

## DETAILED TECHNICAL DATA

Power Handling (Per Driver):	100 WRMS (@0%Thd)
Burp Power:	200 W
Nominal Impedance:	4 ohm
Voice Coil Diameter:	25.9 mm
Voice Coil Layers:	2 layers
Magnet:	80*12 mm
Magnet Type:	Y30 Ferrite

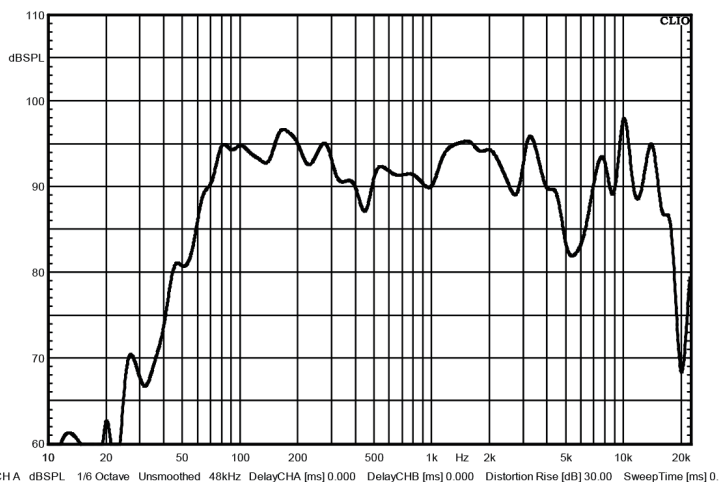
## TEAM TIPS

- To get the best results from your installation apply deadening and sound insulation material to the install locations.
- 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	3.4195		Force factor BL product
QMS	2.5920		Mechanical Q factor of driver in free air considering RMS only
QES	0.7381		Electrical Q factor of driver in free air considering RE only
QTS	0.5745		Total Q factor considering RE and RMS only
VAS	25.0503	LTR	Equivalent air volume of suspension
LMOM	88.1266	DB	Nominal sensitivity (SPL at 1M for 1W @ ZN)
SD	118.8	CM2	Diaphragm area

## SPL VS FREQUENCY



## TECHNICAL DRAWING

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

