

QUALITY BUILT MARINE SUBWOOFER OPTIMISED FOR CUSTOM INSTALLATIONS



BOX COMPATIBILITY

	Sealed	Vented
Enclosure Volume, cu.ft. :	2.29	2.29
Enclosure Frequency, Hz:	46	-
Fb Tuning Frequency Of Vented Enclosure,Hz	NA	34
F3 System 3dB Down Point(Sealed),Hz	35	-

INSTALLATION POINTS

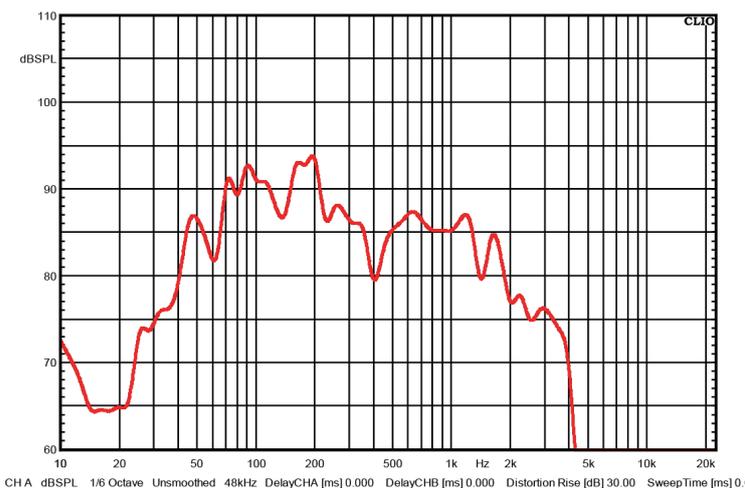
Failure to observe installation points will invalidate your warranty:

- Ensure you use appropriate crossover points for the intended result.
- Be realistic about output - small woofers have modest output limits. If you need more bass add more woofers.

TS PARAMETERS

Name	Value	Unit	Note
RE	3.4	OHM	Electrical voice coil resistance at DC
LCES	27.5496	MH	Electrical inductance representing driver compliance
FS	32.9829	HZ	Driver resonance frequency
MMS	56.6734	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	53.1791	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	0.4108	MM/N	Mechanical compliance of driver suspension

SPL VS FREQUENCY



DETAILED TECHNICAL DATA

Power Handling (Per Driver):	150WRMS (@0%Thd)
Burp Power:	300W
Nominal Impedance:	4 ohm
Voice Coil Diameter:	38.6 mm
Voice Coil Layers:	4 layers
Magnet:	120*20 mm
Magnet Type:	Y25 Ferrite

- Ensure mounting surface is completely flat so as not to distort the speaker chassis.

TEAM TIPS

- Remember that larger enclosures offer a deeper bass, whilst smaller ones offer more instant punch. Also, filling the enclosure with Dacron will give a deeper sound but still with the punch of the current enclosure size.
- Pay close attention to ensure you have the correct phase when installing the new drivers especially with factory wiring.
- To get the best results from your installation apply deadening and sound insulation material to the install locations.



Name	Value	Unit	Note
BL	8.1887		Force factor BL product
QMS	2.6717		Mechanical Q factor of driver in free air considering RMS only
QES	0.5955		Electrical Q factor of driver in free air considering RE only
QTS	0.4870		Total Q factor considering RE and RMS only
VAS	64.9744	LTR	Equivalent air volume of suspension
LMOM	87.95	DB	Nominal sensitivity (SPL at 1M for 1W @ ZN)
SD	336.5	CM2	Diaphragm area

TECHNICAL DRAWING

Mounting Depth:	117mm
Mounting Diameter:	232mm
Total Diameter:	268mm
Weight Approx. (Per a Driver):	1.20Kg

