

# PROFESSIONAL GRADE HIGH SPL MIDRANGE 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	3.2	OHM	Electrical voice coil resistance at DC
LMOM	96.5	DB	Nominal sensitivity (SPL at 1M for 1W @ ZN)
FS	105.407	HZ	Driver resonance frequency
MMS	15.314	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	13.612	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	148.872	MM/N	Mechanical compliance of driver suspension

## DETAILED TECHNICAL DATA

Continuous RMS Power 100Hz HPF 120b/Oct:	190WRMS (@0%Thd)
Nominal RMS Power Handling:	250WRMS
Nominal Impedance:	4 ohm
DC Impedance:	3.2 ohm
Voice Coil Diameter:	50.5 mm
Voice Coil Layers:	2 layers
Magnet:	134*20 mm
Magnet Type:	Y35 Ferrite

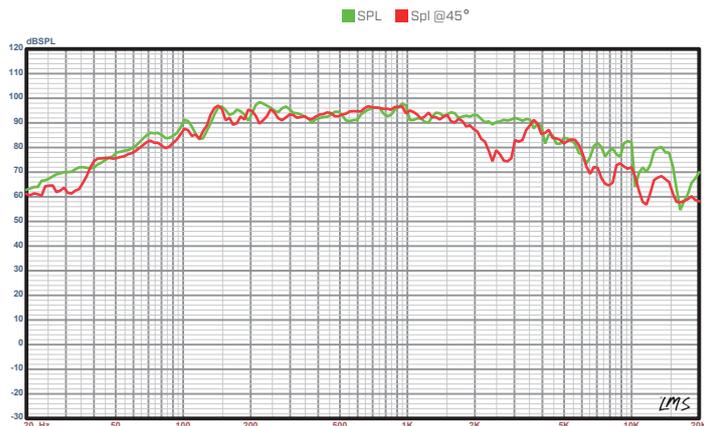
## TEAM TIPS

- 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	9.502		Force factor BL product
QMS	7.893		Mechanical Q factor of driver in free air considering RMS only
QES	0.359		Electrical Q factor of driver in free air considering RE only
QTS	0.344		Total Q factor considering RE and RMS only
VAS	8.981	LTR	Equivalent air volume of suspension
SD	206.120	CM2	Diaphragm area

## SPL VS FREQUENCY



## TECHNICAL DRAWING

Mounting Depth:	91.5mm
Mounting Diameter:	197mm
Total Diameter:	210mm
Weight Approx. (Per a Driver):	2.65Kg

