

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	98.1	DB	Nominal sensitivity (SPL at 1M for 1W @ ZN)
FS	81.796	HZ	Driver resonance frequency
MMS	26.379	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	22.565	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	143.524	MM/N	Mechanical compliance of driver suspension

DETAILED TECHNICAL DATA

Continuous RMS Power 100Hz HPF 120b/Oct:	300WRMS (@0%Thd)
Nominal RMS Power Handling:	400WRMS
Nominal Impedance:	4 ohm
DC Impedance:	3.2 ohm
Voice Coil Diameter:	60.1 mm
Voice Coil Layers:	2 layers
Magnet:	156*20 mm
Magnet Type:	Y35 Ferrite

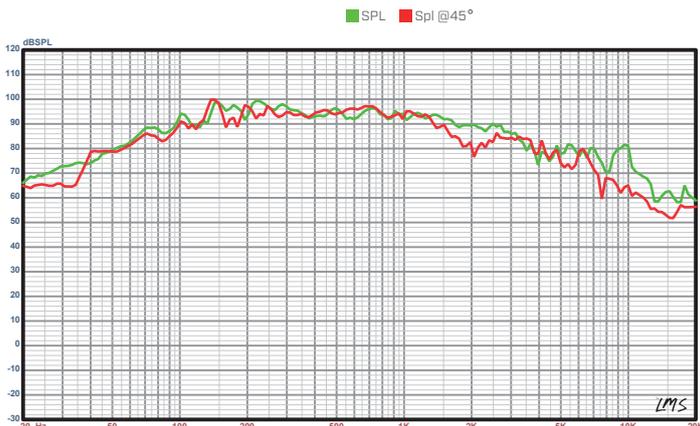
TEAM TIPS

- 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	11.744		Force factor BL product
QMS	6.595		Mechanical Q factor of driver in free air considering RMS only
QES	0.334		Electrical Q factor of driver in free air considering RE only
QTS	0.318		Total Q factor considering RE and RMS only
VAS	25.394	LTR	Equivalent air volume of suspension
SD	352.989	CM2	Diaphragm area

SPL VS FREQUENCY



TECHNICAL DRAWING

Mounting Depth:	104mm
Mounting Diameter:	247mm
Total Diameter:	260mm
Weight Approx. (Per a Driver):	4.15Kg

