

QUALITY BUILT HIGH OUTPUT MID RANGE DRIVER 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	3.0	OHM	Electrical voice coil resistance at DC
LCES	19.781	MH	Electrical inductance representing driver compliance
FS	101.709	HZ	Driver resonance frequency
MMS	12.390	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	10.592	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	19.763	MM/N	Mechanical compliance of driver suspension

DETAILED TECHNICAL DATA

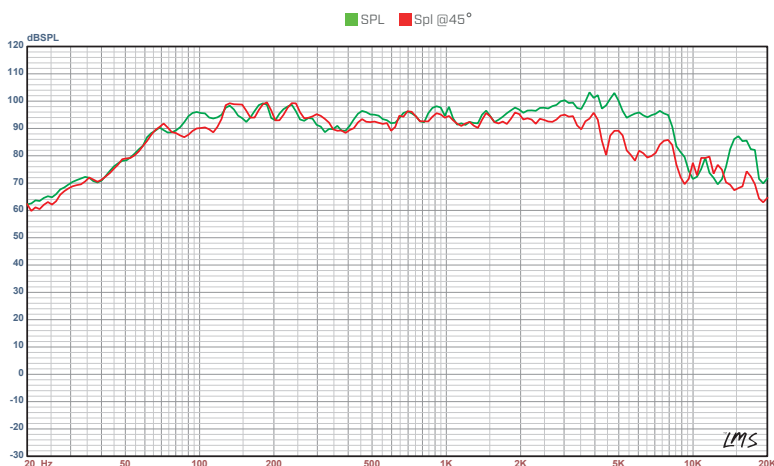
Power Handling (Per Driver):	100WRMS (@0%Thd)
Nominal Impedance:	4 ohm
DC Impedance:	3.2 ohm
Voice Coil Diameter:	38.5 mm
Voice Coil Layers:	2 layers
Magnet:	120*20 mm
Magnet Type:	Y30 Ferrite

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 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	5.034		Force factor BL product
QMS	8.555		Mechanical Q factor of driver in free air considering RMS only
QES	0.938		Electrical Q factor of driver in free air considering RE only
QTS	0.845		Total Q factor considering RE and RMS only
VAS	12.831	LTR	Equivalent air volume of suspension
LMOM	93.5	DB	Nominal sensitivity (SPL at 1M for 1W @ ZN)
SD	213.825	CM2	Diaphragm area

SPL VS FREQUENCY



TECHNICAL DRAWING

Mounting Depth:	81mm
Mounting Diameter:	198mm
Total Diameter:	210mm
Weight Approx. (Per a Driver):	1.95Kg

