

# QUALITY BUILT COAXIAL SPEAKER OPTIMISED FOR OEM UPGRADES



## WOOFER SPECIFICATION

Voice Coil Diameter:	25.5mm
Voice Coil Layers:	2 layers
Winding Material:	ASV
Cone :	Injection PP
Surround:	Rubber
Magnet:	80x12mm
Magnet Type:	Y25 Ferrite

## INSTALLATION POINTS

- Failure to observe installation points will invalidate your warranty:
- Remember that power handling is directly linked to the high pass crossover used. To push more power you must raise crossover frequency at the expense of fidelity. This is particularly true for smaller drivers.
  - Pay close attention to ensure you have the correct phase when installing the new drivers especially with factory wiring.

## TS PARAMETERS

Name	Value	Unit	Note
RE	3.6	OHM	Electrical voice coil resistance at DC
FS	73.4666	HZ	Driver resonance frequency
MMS	7.9411	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	7.0756	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	0.5942	MM/N	Mechanical compliance of driver suspension

## DETAILED TECHNICAL DATA

Power Handling (Per Driver):	2x70 WRMS (@0%Thd)
Nominal Impedance:	4 ohm
Sensitivity:	90 dB
Frequency Range:	20Hz-20KHz
Recommend Hi Pass crossover:	100Hz
Speaker Type:	3-Way

## TWEETER SPECIFICATION

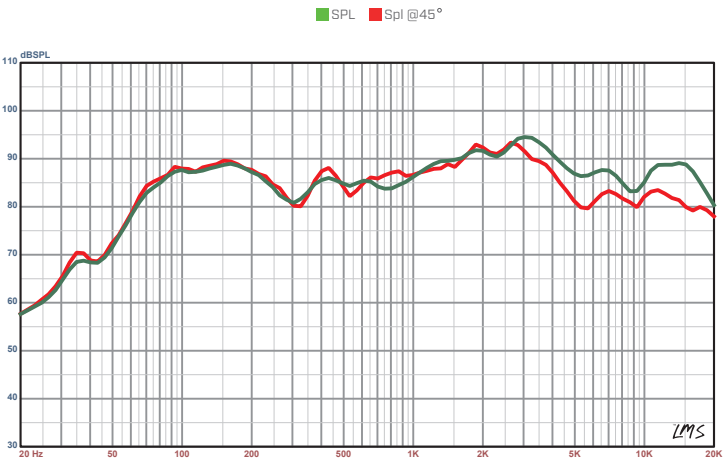
Voice Coil Diameter:	13.28mm
Voice Coil Layers:	2 layers
Winding Material:	ASV
Diaphragm Material	Polymer
Magnet:	12.5x2 mm
Magnet Type:	N35 NEO

## 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 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.

Name	Value	Unit	Note
BL	2.6643	N/A	Force factor BL product
QMS	4.2301		Mechanical Q factor of driver in free air considering RMS only
QES	2.0014		Electrical Q factor of driver in free air considering RE only
QTS	1.3587		Total Q factor considering RE and RMS only
SD	133	CM <sup>2</sup>	Diaphragm area

## SPL VS FREQUENCY



## TECHNICAL DRAWING

Mounting Depth:	47mm
Mounting Diameter:	141mm
Overoll Diameter:	173mm
Weight Approx. (Per a Set):	1.50Kg

