

# QUALITY BUILT COAXIAL SPEAKER OPTIMISED FOR OEM UPGRADES



## DETAILED TECHNICAL DATA

Power Handling (Per Driver):	2x60 WRMS (@0%Thd)
Nominal Impedance:	4 ohm
Sensitivity:	90 dB
Frequency Range:	20Hz-20KHz
Recommend Hi Pass crossover:	100Hz
Speaker Type:	3-Way

## 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

## 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

## 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.

## 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.

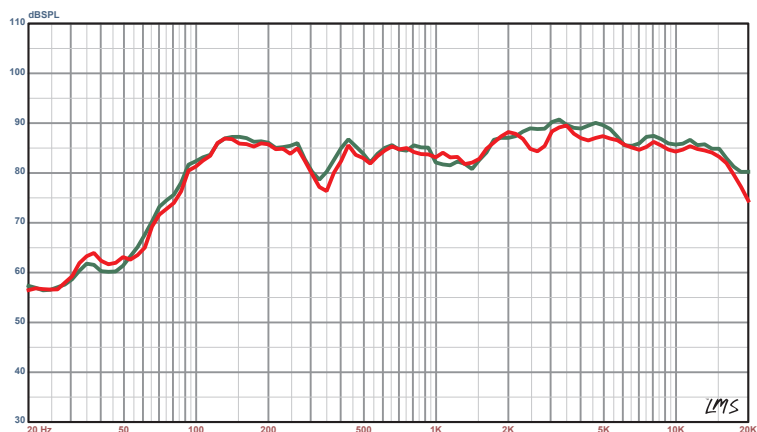
## TS PARAMETERS

Name	Value	Unit	Note
RE	3.6	OHM	Electrical voice coil resistance at DC
FS	97.5359	HZ	Driver resonance frequency
MMS	12.1165	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	11.6985	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	0.2198	MM/N	Mechanical compliance of driver suspension

Name	Value	Unit	Note
BL	3.5130	N/A	Force factor BL product
QMS	4.3008		Mechanical Q factor of driver in free air considering RMS only
QES	2.0479		Electrical Q factor of driver in free air considering RE only
QTS	1.3873		Total Q factor considering RE and RMS only
SD	81.7	CM <sup>2</sup>	Diaphragm area

## SPL VS FREQUENCY

■ SPL ■ Spl @45°



## TECHNICAL DRAWING

Mounting Depth:	46.5mm
Mounting Diameter:	143*92mm
Overall Diameter:	186*124mm
Weight Approx. (Per a Set):	1.42Kg

