

# PROFESSIONAL GRADE HIGH OUTPUT MIDRANGE OPTIMISED FOR CUSTOM INSTALLATIONS



## DETAILED TECHNICAL DATA

Continuous RMS Power 100Hz HPF 12Db/Oct:	300WRMS (@0%Thd)
Nominal RMS Power Handling:	400WRMS
Nominal Impedance:	4 ohm
DC Impedance:	3.6 ohm
Voice Coil Diameter:	60.5mm
Voice Coil Layers:	2 layers
Magnet:	156*20 mm
Magnet Type:	Y35 Ferrite

## 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.

## 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.

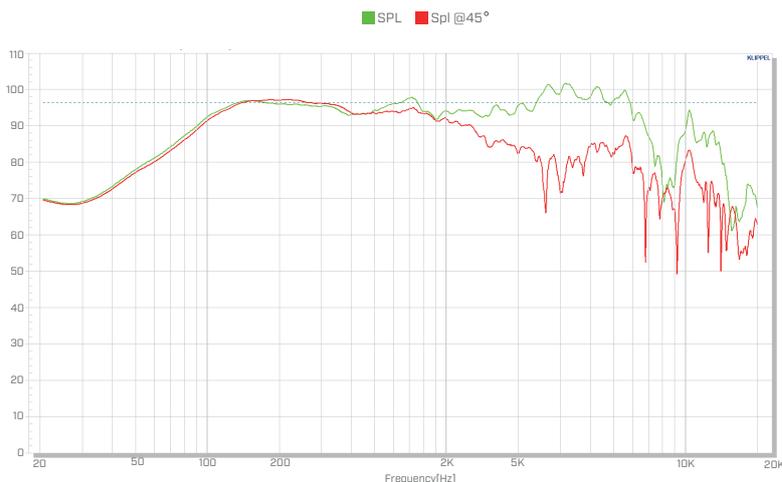
## TS PARAMETERS

Name	Value	Unit	Note
RE	3.6	OHM	Electrical voice coil resistance at DC
LMDM	96.7	DB	Nominal sensitivity (SPL at 1M for 1W @ ZN)
FS	88.976	HZ	Driver resonance frequency
MMS	26.931	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	23.171	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	118.807	MM/N	Mechanical compliance of driver suspension



Name	Value	Unit	Note
BL	10.625		Force factor BL product
QMS	7.556		Mechanical Q factor of driver in free air considering RMS only
QES	0.480		Electrical Q factor of driver in free air considering RE only
QTS	0.451		Total Q factor considering RE and RMS only
VAS	20.628	LTR	Equivalent air volume of suspension
SD	34.976	CM2	Diaphragm area

## SPL VS FREQUENCY



## TECHNICAL DRAWING

Mounting Depth:	107mm
Mounting Diameter:	247mm
Total Diameter:	261mm
Weight Approx. (Per a Driver):	4.35Kg

