

# PROFESSIONAL GRADE HIGH OUTPUT MIDRANGE OPTIMISED FOR CUSTOM INSTALLATIONS



## DETAILED TECHNICAL DATA

Continuous RMS Power 100Hz HPF 12Db/Oct:	150WRMS (@0%Thd)
Nominal RMS Power Handling:	200WRMS
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:	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.

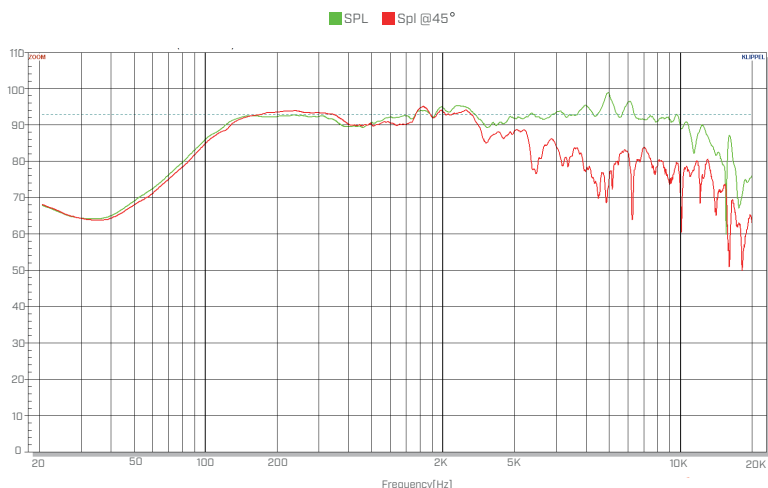
## TS PARAMETERS

Name	Value	Unit	Note
RE	3.2	OHM	Electrical voice coil resistance at DC
LMDM	93.5	DB	Nominal sensitivity (SPL at 1M for 1W @ ZN)
FS	155.9000	HZ	Driver resonance frequency
MMS	11.194	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	10.252	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	93.077	MM/N	Mechanical compliance of driver suspension



Name	Value	Unit	Note
BL	7.238		Force factor BL product
QMS	9.444		Mechanical Q factor of driver in free air considering RMS only
QES	0.670		Electrical Q factor of driver in free air considering RE only
QTS	0.625		Total Q factor considering RE and RMS only
VAS	2.551	LTR	Equivalent air volume of suspension
SD	13.893	CM2	Diaphragm area

## SPL VS FREQUENCY



## TECHNICAL DRAWING

Mounting Depth:	81 mm
Mounting Diameter:	161mm
Total Diameter:	174mm
Weight Approx. (Per a Driver):	2.40Kg

