

# ULTIMATE GRADE SOUND QUALITY MIDBASS/WOOFER OPTIMIZED FOR CUSTOM INSTALLATIONS



## DETAILED TECHNICAL DATA

Power Handling (Per Driver):	30 WRMS (@0%Thd)
Nominal Impedance:	4 ohm
Sensitivity:	91dB(1m/w)
Frequency Response:	150Hz-12KHz
DC Impedance:	3.4 ohm
Voice Coil Diameter:	25.5 mm
Cone Materials:	Kevlar
Voice coil Type:	PI/CCAR
Magnet:	20*8mm* 8pcs
Magnet Type:	N38 NEO

## INSTALLATION POINTS

Failure to observe any of these installation points will invalidate your warranty:

- Ensure you use the correct crossover points.
- Only use correctly rated non-combustible cables.
- 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 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.

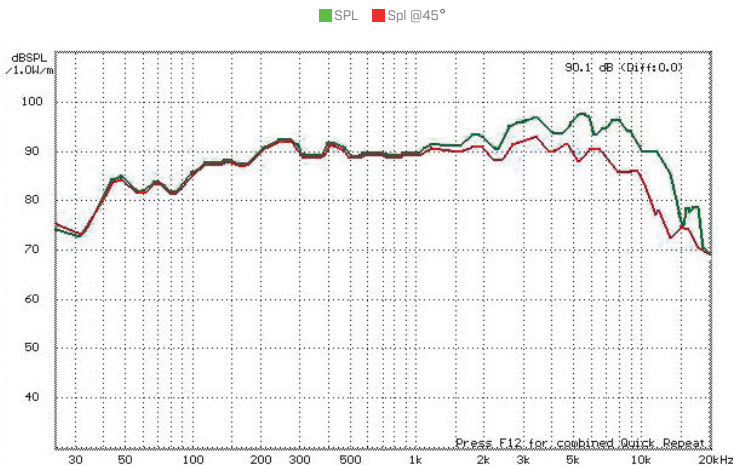
## TS PARAMETERS

Name	Value	Unit	Note
RE	3.4	OHM	Electrical voice coil resistance at DC
LE	0.07	mH	Frequency independent part of voice coil inductance
FS	150	HZ	Driver resonance frequency
MMS	3.9	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	5.4	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	0.31	MM/N	Mechanical compliance of driver suspension

Name	Value	Unit	Note
BL	3.7		Force factor BL product
QMS	5.1		Mechanical Q factor of driver in free air considering RMS only
QES	0.94		Electrical Q factor of driver in free air considering RE only
QTS	0.79		Total Q factor considering RE and RMS only
SD	44.3	CM2	Diaphragm area



## SPL VS FREQUENCY



## TECHNICAL DRAWING

Mounting Depth:	52mm
Mounting Diameter:	88mm
Total Diameter:	105mm
Weight Approx. (Per a Driver):	0.55Kg

