

QUALITY BUILT SUB WOOFER DRIVER FOR CUSTOM INSTALLATIONS



DETAILED TECHNICAL DATA

Power Handling (Per Driver):	75 WRMS (@0%Thd)
Nominal Impedance:	4 ohm
Sensitivity:	90 dB
Frequency Range:	70Hz-6KHz
Voice Coil:	1.0 Inch
Magnet:	100mm*18mm

BOX COMPATIBILITY

	Sealed	Vented
Enclosure Volume, cu.ft. :	0.53	0.53
Enclosure Frequency, Hz:	74	-
Fb Tuning Frequency Of Vented Enclosure,Hz	NA	50
F3 System 3dB Down Point(Sealed),Hz	53	-

INSTALLATION POINTS

Failure to observe installation points will invalidate your warranty:

- Ensure you use appropriate crossover points for the intended result.
- Be realistic about output - small woofers have modest output limits. If you need more bass add more woofers.

- Ensure mounting surface is completely flat so as not to distort the speaker chassis.

TEAM TIPS

- Remember that larger enclosures offer a deeper bass, whilst smaller ones offer more instant punch. Also, filling the enclosure with Dacron will give a deeper sound but still with the punch of the current enclosure size.
- 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.
- To get the best results from your installation apply deadening and sound insulation material to the install locations.



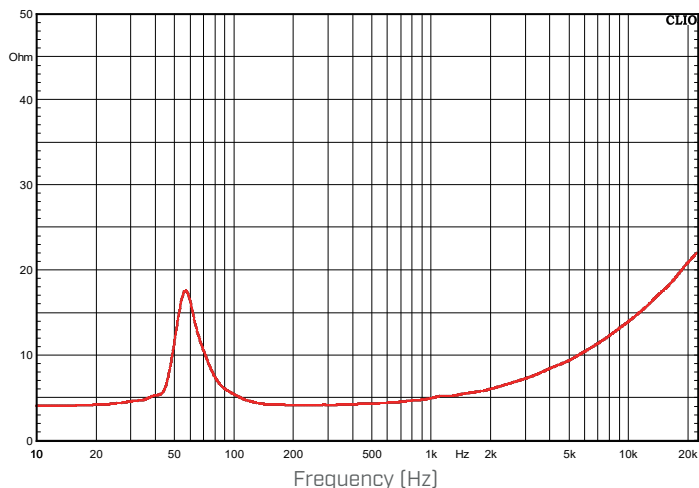
TS PARAMETERS

Name	Value	Unit	Note
RE	1.700	OHM	Electrical voice coil resistance at DC
FS	58.014	HZ	Driver resonance frequency
MMS	17.309	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	16.483	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	0.435	MM/N	Mechanical compliance of driver suspension
CMES	893.099	UF	Electrical capacitance representing moving mass
LCES	8.4269	OHM	Electrical inductance representing driver compliance

Name	Value	Unit	Note
BL	4.402		Force factor BL product
QMS	3.6527		Mechanical Q factor of driver in free air considering RMS only
QES	0.553		Electrical Q factor of driver in free air considering RE only
QTS	0.48		Total Q factor considering RE and RMS only
SD	12.9	CM ²	Diaphragm area
VAS	10.053	LTR	Equivalent air volume of suspension
RMS	10.053	KG/S	Mechanical resistance of total driver losses

FREQUENCY VS IMPEDANCE

Magnitude of electric impedance



TECHNICAL DRAWING

Mounting Depth:	73mm
Mounting Diameter:	158mm
Total Diameter:	166mm
Weight Approx. (Per a Driver):	1.2Kg

