

# QUALITY BUILT SUB WOOFER DRIVER FOR CUSTOM INSTALLATIONS



## BOX COMPATIBILITY

	Sealed	Vented
Enclosure Volume, cu.ft. :	2.97	2.97
Enclosure Frequency, Hz:	45	-
Fb Tuning Frequency Of Vented Enclosure,HZ	NA	34
F3 System 3dB Down Point[Sealed],Hz	35	-

## INSTALLATION POINTS

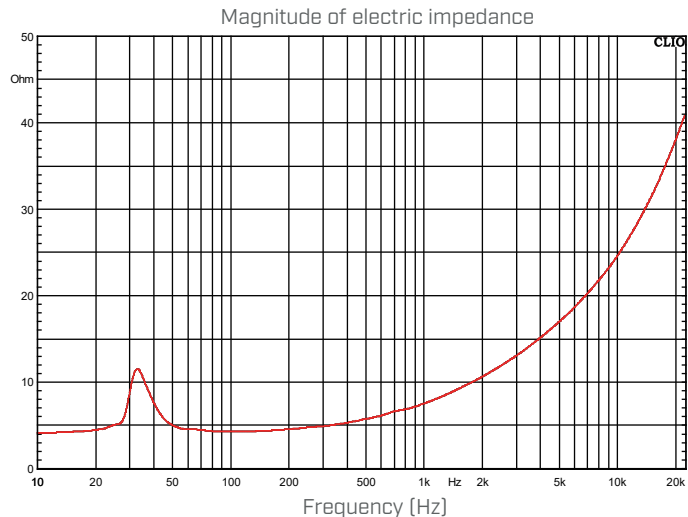
Failure to observe installation points will invalidate your warranty:

- 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.

## TS PARAMETERS

Name	Value	Unit	Note
RE	1.800	OHM	Electrical voice coil resistance at DC
FS	32.859	HZ	Driver resonance frequency
MMS	101.614	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	95.081	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	0.231	MM/N	Mechanical compliance of driver suspension
CMES	2704.16	UF	Electrical capacitance representing moving mass
LCES	11.3107	MH	Electrical inductance representing driver compliance

## IMPEDANCE VS FREQUENCY



## DETAILED TECHNICAL DATA

Power Handling (Per Driver):	200WRMS (@0%Thd)
Nominal Impedance:	4+4 ohm
Sensitivity:	91 dB
Frequency Range:	32Hz-2.5KHz
Voice Coil:	2.0 Inch
Magnet:	140mm*20mm

- 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.



Name	Value	Unit	Note
BL	6.999		Force factor BL product
QMS	3.480		Mechanical Q factor of driver in free air considering RMS only
QES	0.771		Electrical Q factor of driver in free air considering RE only
QTS	0.631		Total Q factor considering RE and RMS only
SD	510	CM2	Diaphragm area
VAS	84.0845	LTR	Equivalent air volume of suspension
RMS	6.02	KG/S	Mechanical resistance of total driver losses

## TECHNICAL DRAWING

Mounting Depth:	125mm
Mounting Diameter:	280mm
Total Diameter:	315mm
Weight Approx. (Per a Driver):	3.5Kg

