

QUALITY BUILT SUB WOOFER DRIVER FOR CUSTOM INSTALLATIONS



BOX COMPATIBILITY

	Sealed	Vented
Enclosure Volume, cu.ft. :	6.88	6.88
Enclosure Frequency, Hz:	42	-
Fb Tuning Frequency Of Vented Enclosure,Hz	NA	32
F3 System 3dB Down Point[Sealed],Hz	33	-

INSTALLATION POINTS

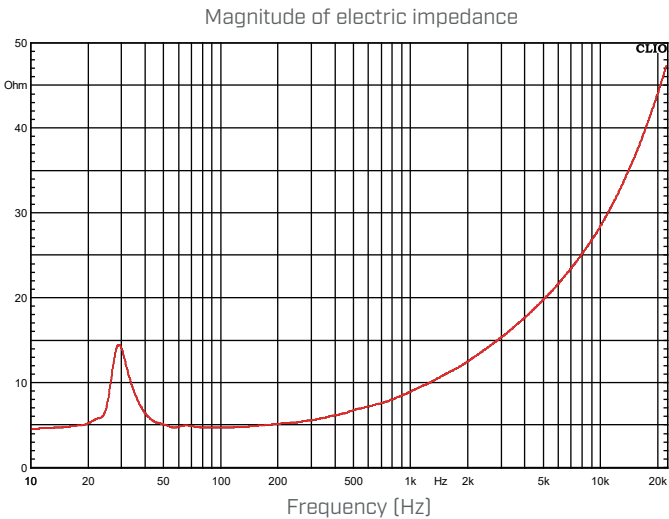
Failure to observe installation points will invalidate your warranty:

- 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	1.700	OHM	Electrical voice coil resistance at DC
FS	29.020	HZ	Driver resonance frequency
MMS	144.105	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	130.829	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	0.208	MM/N	Mechanical compliance of driver suspension
CMES	1932.38	UF	Electrical capacitance representing moving mass
LCES	15.5649	MH	Electrical inductance representing driver compliance

IMPEDANCE VS FREQUENCY



DETAILED TECHNICAL DATA

Power Handling (Per Driver):	300WRMS (@0%Thd)
Nominal Impedance:	4+4 ohm
Sensitivity:	91 dB
Frequency Range:	30Hz-2KHz
Voice Coil:	2.5 Inch
Magnet:	156mm*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	8.635		Force factor BL product
QMS	3.940		Mechanical Q factor of driver in free air considering RMS only
QES	0.599		Electrical Q factor of driver in free air considering RE only
QTS	0.519		Total Q factor considering RE and RMS only
SD	819	CM2	Diaphragm area
VAS	195.681	LTR	Equivalent air volume of suspension
RMS	6.66	KG/S	Mechanical resistance of total driver losses

TECHNICAL DRAWING

Mounting Depth:	155mm
Mounting Diameter:	356mm
Total Diameter:	390mm
Weight Approx. (Per a Driver):	4.5Kg

