

QUALITY BUILT WEATHERPROOF CEILING SPEAKERS



INSTALLATION POINTS

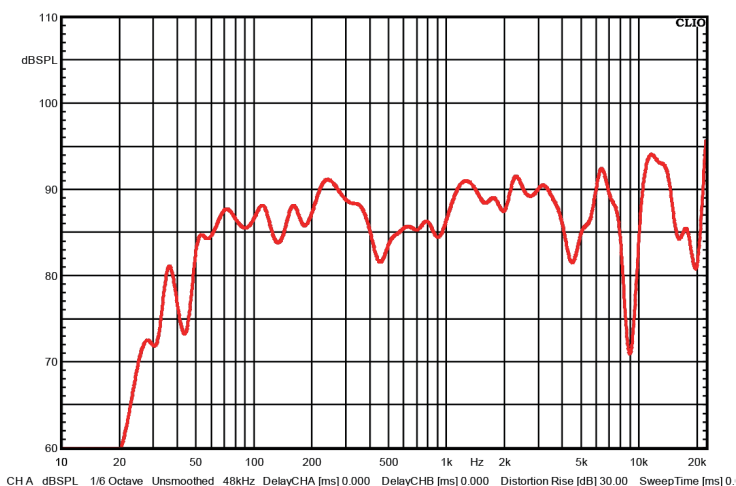
Failure to observe any of these installation points will invalidate your warranty:

- Ensure you use appropriate crossover points for the intended result.
- Be realistic about output - do not try to turn a full range driver into a subwoofer.
- Ensure mounting surface is completely flat so as not to distort the speaker chassis.

TS PARAMETERS

Name	Value	Unit	Note
RE	6.3	OHM	Electrical voice coil resistance at DC
LCES	22.4418	MH	Electrical inductance representing driver compliance
FS	52.8034	HZ	Driver resonance frequency
MMS	11.1548	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	10.2280	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	0.8144	MM/N	Mechanical compliance of driver suspension

SPL VS FREQUENCY



DETAILED TECHNICAL DATA

Power Handling (Per Pair):	150WRMS (@0%Thd)
Nominal Impedance:	8ohm
Voice Coil Diameter:	25.9 mm
Voice Coil Layers:	2 layers
Magnet:	80*15 mm
Magnet Type:	Y25 Ferrite

TEAM TIPS

- Installing speakers closely together and in the same air space improves bass response.
- Ensure to connect all speakers with the correct phase. Incorrect connection will destroy bass response.
- Make sure to have adequate ventilation to prevent moisture not clearing long term which can cause non-warranty damage.



Name	Value	Unit	Note
BL	5.2493		Force factor BL product
QMS	2.6291		Mechanical Q factor of driver in free air considering RMS only
QES	0.8461		Electrical Q factor of driver in free air considering RE only
QTS	0.6401		Total Q factor considering RE and RMS only
VAS	21.9502	LTR	Equivalent air volume of suspension
LMOM	87.84	DB	Nominal sensitivity (SPL at 1M for 1W @ ZN)
SD	138.9	CM2	Diaphragm area

TECHNICAL DRAWING

Mounting Depth:	74mm
Mounting Diameter:	193mm
Total Diameter:	229mm
Weight Approx. (Per a Driver):	1.15Kg

