

# QUALITY BUILT WEATHERPROOF SPEAKER BOX OPTIMISED FOR CUSTOM INSTALLATIONS



## INSTALLATION POINTS

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

- Ensure each speaker phase is correct otherwise bass response will be poor.
- Be realistic about output - two small box speakers have limitations used without subwoofer.
- Bass response is improved with firm mounting of box enclosure.

## TS PARAMETERS

Name	Value	Unit	Note
RE	3.4	OHM	Electrical voice coil resistance at DC
LCES	59.3763	MH	Electrical inductance representing driver compliance
FS	25.8235	HZ	Driver resonance frequency
MMS	102.93	G	Mechanical mass of driver diaphragm assembly including air load and coil
MMD	99.53	G	Mechanical mass of voice coil and diaphragm with out air load
CMS	0.3691	MM/N	Mechanical compliance of driver suspension

## DETAILED TECHNICAL DATA

Power Handling (Per Pair):	100WRMS (@0%Thd)
Nominal Impedance:	4 ohm
Voice Coil Diameter:	19.45 mm
Voice Coil Layers:	2 layers
Magnet:	60*10 mm
Magnet Type:	Y25 Ferrite

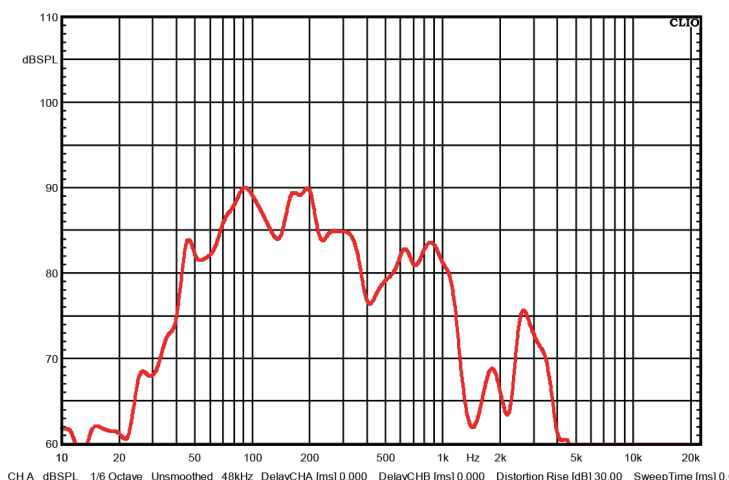
## TEAM TIPS

- Use of a subsonic filter will greatly improve performance. Try 20-40Hz.
- When setting up, listen carefully for sounds of distress and gain back as needed.
- If an 8 ohm impedance is needed this can be achieved by using 2 pairs of BX24 wired in series each side.



Name	Value	Unit	Note
BL	12.6842		Force factor BL product
QMS	5.0987		Mechanical Q factor of driver in free air considering RMS only
QES	0.3529		Electrical Q factor of driver in free air considering RE only
QTS	0.3301		Total Q factor considering RE and RMS only
VAS	56.1416	LTR	Equivalent air volume of suspension
LMOM	86.40	DB	Nominal sensitivity (SPL at 1M for 1W @ ZN)
SD	330.1	CM2	Diaphragm area

## SPL VS FREQUENCY



## TECHNICAL DRAWING

Length :	149mm
Width :	95mm
Height :	96mm
Weight Approx. (Per Set):	0.6Kg

