



British Audio



CVEN 2.4" TWEETER

- CVEN1ST-V5

CVEN 3.5" MIDRANGE

- CVEN3SM-V5

CVEN 6.5" MIDWOOFER

- CVEN6SW-V5



SILVER SERIES
Component Speakers

Owners Manual

Congratulations on purchasing your VIBE speakers. Please read this manual in order to fully understand how to get the best results from this product and ensure that all advice on how to look after the product is followed.

Thank you for buying VIBE, we hope you enjoy listening to your product as much as we enjoyed creating it.

WARNING



DO NOT EXPOSE THIS PRODUCT TO DAMP OR MOISTURE - doing so may result in fire, shock or damage to the product.

BEFORE WIRING DISCONNECT THE CABLE FROM THE POSITIVE BATTERY TERMINAL - failure to do so may result in electric shock or injury.

ENSURE GOOD AND CORRECT CONNECTIONS - failure to make the correct connections may result in fire or damage to the product.

DO NOT USE ANY FUNCTIONS OF THIS EQUIPMENT THAT MAY TAKE YOUR CONCENTRATION AWAY FROM DRIVING YOUR VEHICLE - do not set up your amplifier whilst driving, doing so may result in an accident. For prolonged setting up, make sure that your vehicle is stationary and in a safe location.

KEEP THE VOLUME AT A LEVEL SO YOU CAN STILL HEAR OUTSIDE NOISE - failure to do this may result in an accident. VIBE equipment is capable of producing sound levels that can permanently damage your hearing. VIBE recommends caution when listening at high volume. For safe and enjoyable listening the sound should be comfortable and clear without distortion.

CAUTION

Never connect any speaker lead to the car chassis. This can cause severe damage to your speaker / car radio / amplifier.

Before drilling or cutting any holes, investigate the layout of your vehicle thoroughly. Use caution when working near the fuel / hydraulic lines and electrical wiring.

Observe the correct polarity when wiring, improper phasing may cause a loss of bass response.

Ensure that no moving parts catch on the speaker or grill (e.g. window or door handles, or window glass inside the door)

Limited Warranty

All VIBE products carry a full 12 month warranty, valid from the date of the original receipt and proof of purchase (UK only). The online warranty card should be completed within seven days of the original purchase date. The original receipt and packaging should be retained for this twelve month period. If the product develops a problem any stage during the warranty period, it should be returned to the point of purchase in it's original packaging, and complete with no items missing.

A full description of VIBE's warranty information can be found on our website:

www.vibeaudio.co.uk

What Is Not Covered

- Damage to product due to improper installation.
- Subsequent damage to other components.
- Damage caused by exposure to moisture, excessive heat, chemical cleaners and / or UV radiation.
- Damage through negligence, misuse, accident or abuse. Repeated returns for the same fault may be considered abuse.
- Any cost or expense related to the removal and / or re-installation of the product.
- Damage caused by amplifier clipping or distortion.
- Items repaired or modified by any unauthorised repair facility.
- Return shipping on non defective items.
- Products returned without a returns authorisation number.
- Damage to product due to use of sealant.

International Warranty

Contact your international VIBE dealer or distributor concerning specific procedure for your country's warranty policies. www.vibeaudio.co.uk

Warning

VIBE equipment is capable of sound pressure levels that can cause permanent damage to your hearing and those around you. Please use common sense when listening to your audio system and practice safe sound.

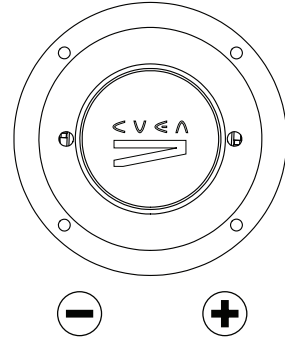
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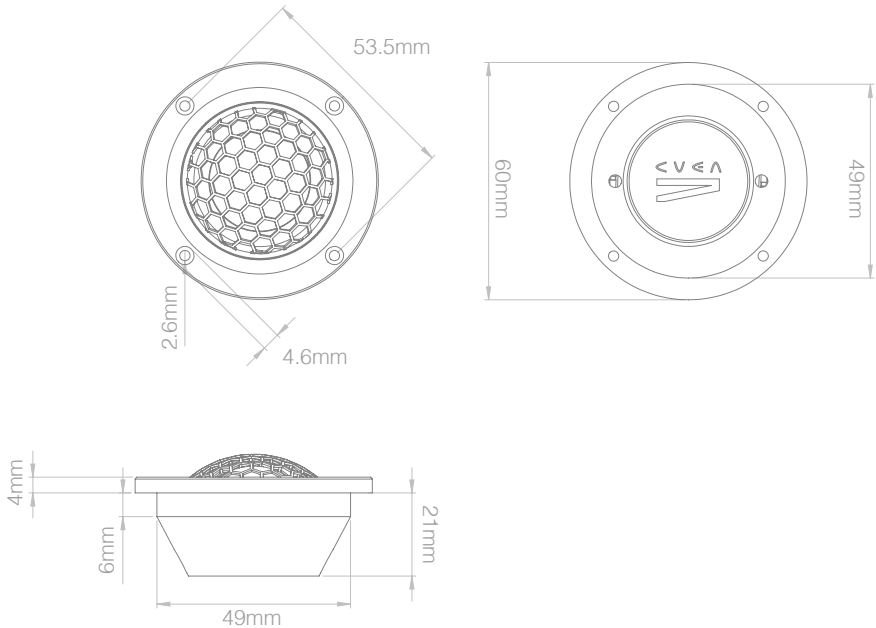
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CVEN1ST

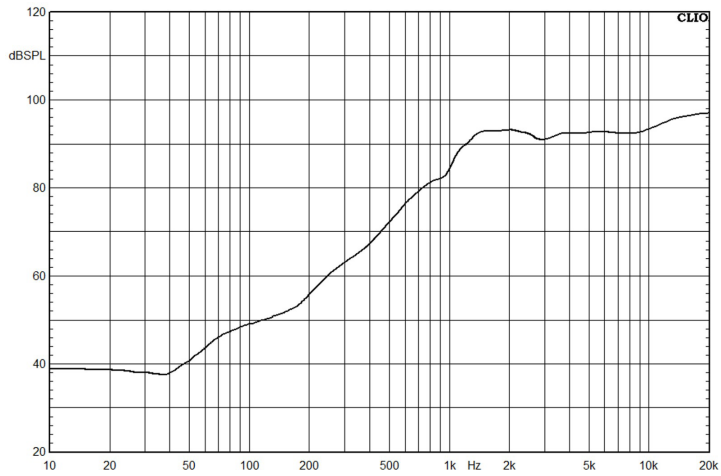
Model	CVEN1ST-V5
Type	Tweeter
Configuration	1-way
Speaker Size	2.4" (60mm)
Peak/RMS Power	160W /80W
Sensitivity	95dB
Freq. Response	1kHz - 25kHz
Impedance	3.2Ω
Mount. Depth	0.8" (21mm)
Mount. Diameter	1.9" (49mm)



Mounting Dimensions

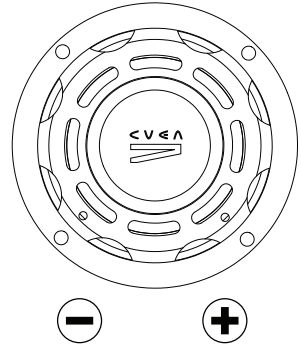


SPL vs Frequency

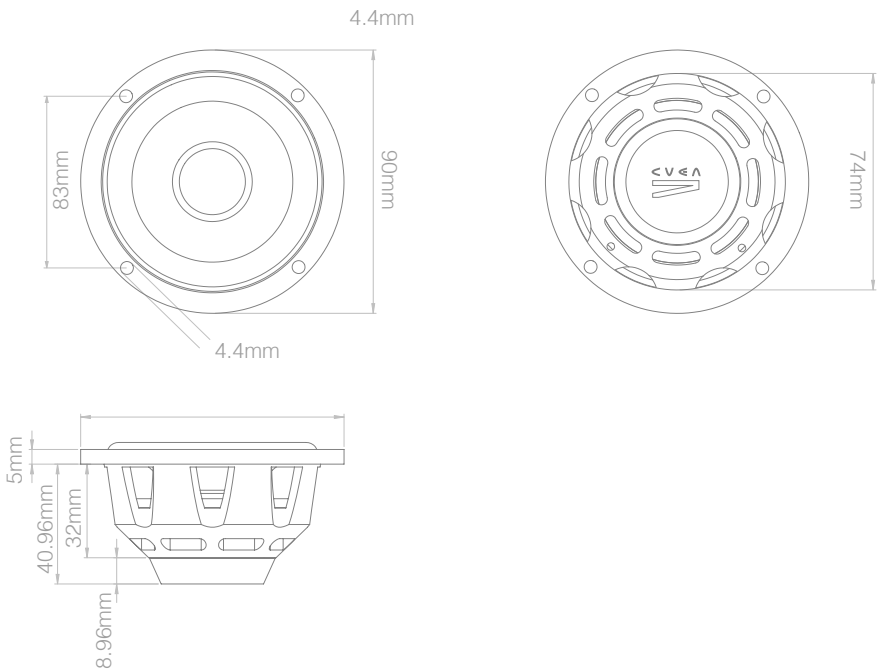


CVEN3SM

Model	CVEN3SM-V5
Type	Midrange
Configuration	1-way
Speaker Size	3.5" (90mm)
Peak/RMS Power	160W / 80W
Sensitivity	83dB
Freq. Response	150Hz - 20kHz
Impedance	3.2Ω
Mount. Depth	1.6" (41mm)
Mount. Diameter	2.9" (74mm)



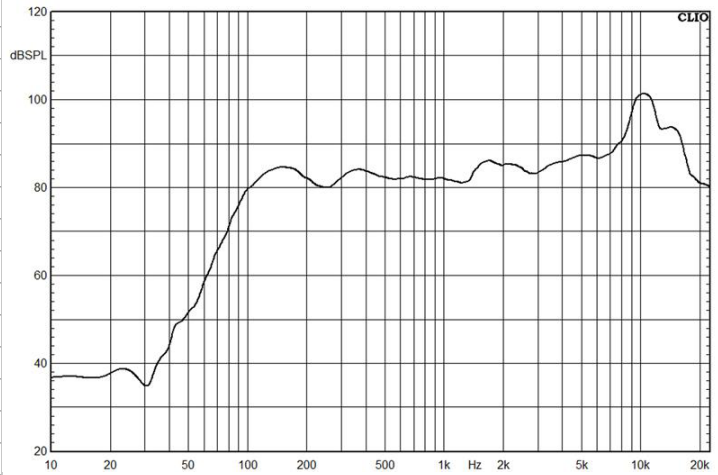
Mounting Dimensions



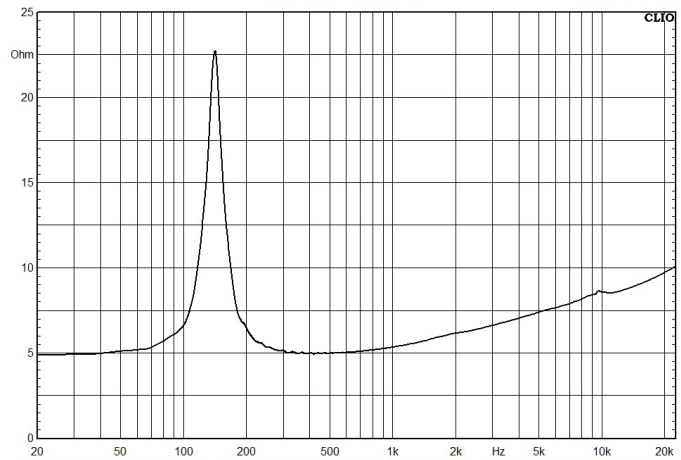
TS Parameters

FS	141.659
ZMax	22.7455
Re	3.2Ω
Rms	0.7163
Qms	6.275
Qes	1.0274
Qts	0.883
Cms	0.2499
Mms	5.050
BL	3.7417
VAS	0.3843
dB SPL	82.2895
L1kHz	0.1324
L10kHz	0.0538
SD	3.32E-03
Mmd	4.942
ZMin	4.935
ZAVG	6.6533

SPL vs Frequency

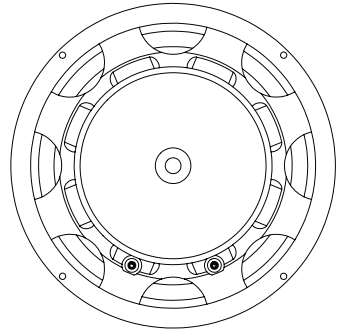


Impedance vs Frequency

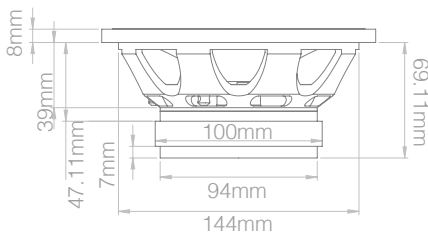
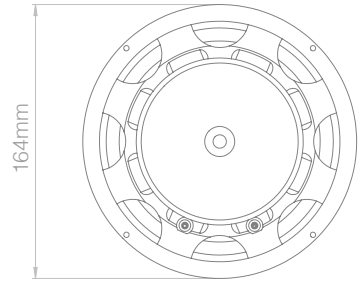
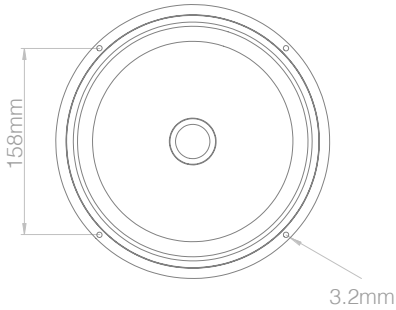


CVEN6SW

Model	CVEN6SW-V5
Type	Midwoofer
Configuration	1-way
Speaker Size	6.5" (164mm)
Peak/RMS Power	300W / 150W
Sensitivity	89dB
Freq. Response	50Hz - 6kHz
Impedance	3.2 Ω
Mount. Depth	2.7" (69mm)
Mount. Diameter	5.7" (144mm)



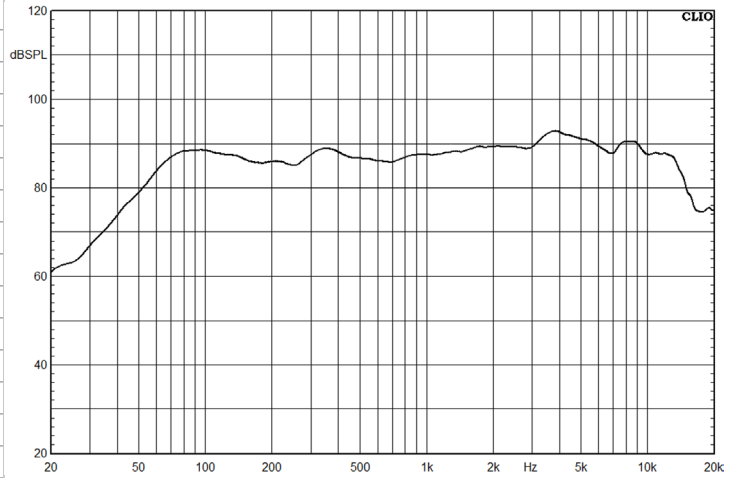
Mounting Dimensions



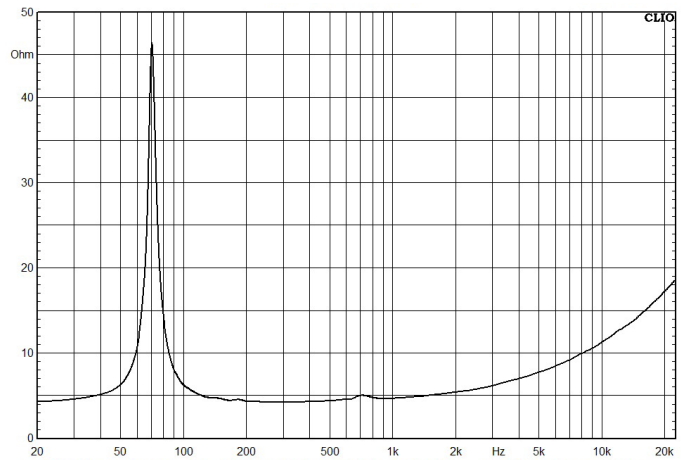
TS Parameters

FS	70.58
ZMax	46.484
Re	3.2Ω
Rms	0.3898
Qms	12.295
Qes	0.909
Qts	0.8464
Cms	0.4705
Mms	10.8051
BL	4.1074
VAS	13.461
dB SPL	89.189
L1kHz	0.1642
L10kHz	0.1364
SD	1.43E-02
Mmd	4.9.8358
ZMin	4.2226
ZAVG	7.2462

SPL vs Frequency



Impedance vs Frequency



UK Technical Enquiries

Call 0121 311 9090 : Option 4

Or email technical@midbass.com

Hours of business 9.00am - 5.30pm GMT Monday - Friday.

All calls are recorded for training purposes.

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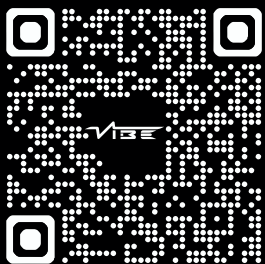
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