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Owner's Manual

CVEN is the result of the VIBE R&D team's passion and creativity. We created the car audio we wanted, with no limits on budget, no market constraints and unhindered access to all materials and engineering knowledge.

CVEN wasn't made for you. It was made by us, for us, and shared with you.

CVEN is the abbreviated name of our founder, creator and owner of VIBE. He asked the question: "What could we achieve if we removed the limits that constrained the VIBE products? What if we didn't have to hit a retail price? What if we could use exotic materials and the best engineering?"

"What if we made the products how we wanted them to sound and look in our own systems?"

VIBE CVEN was born. Standing for the ultimate in audio excellence, built without limits.



WARNING

DO NOT EXPOSE THIS PRODUCT TO DAMP OR MOISTURE — prolonged exposure may damage the cone, surround, or voice coil.

BEFORE INSTALLATION, DISCONNECT THE NEGATIVE TERMINAL OF THE VEHICLE BATTERY — failure to do so may result in short-circuit, electric shock, or damage to the vehicle's electrical system.

ENSURE GOOD AND CORRECT CONNECTIONS — failure to make correct connections may result in damage to the product or the connected amplifier.

DO NOT ADJUST OR INSTALL THIS EQUIPMENT WHILST DRIVING — doing so may result in an accident. For any prolonged setup, ensure that your vehicle is stationary and in a safe location.

KEEP THE VOLUME AT A LEVEL WHERE 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. For safe and enjoyable listening, the sound should be comfortable and clear without distortion.

Caution

Never connect any speaker lead to the vehicle chassis. This can cause severe damage to your speakers, head unit, or amplifier.

Before drilling or cutting any holes, investigate the layout of your vehicle thoroughly.

Use caution when working near fuel lines, 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 grille (e.g., window winders, door handles, or the window glass inside the door).

For disposal and compliance information, refer to the Compliance section of this manual.

Limited Warranty

All VIBE products are covered by a full 12-month warranty, valid from the date of original purchase as shown on the receipt. The online warranty card should be completed within seven days of the original purchase date, and the original receipt and packaging should be retained for the duration of the 12-month period.

If the product develops a fault at any stage during the warranty period, it should be returned to the original point of purchase in its original packaging, complete and with no items missing. If the retailer is unable to repair the product, it may be returned to VIBE for assessment.

A full description of VIBE's warranty terms and conditions can be found on our website at **www.vibeaudio.co.uk**.

This warranty does not affect your statutory rights under the Consumer Rights Act 2015 (UK) or equivalent consumer protection legislation in your country of purchase.

What Is Not Covered

- Damage to the product caused by improper or unprofessional installation.
- Damage to other components arising from the failure or installation of this product.
- Damage caused by the use of sealants, adhesives, or any non-approved fixing methods.
- Damage caused by exposure to moisture, excessive heat, chemical cleaners, or UV radiation.
- Damage caused by amplifier clipping, distortion, or operation outside the published specifications.
- Damage caused by negligence, misuse, accident, or abuse. Repeated returns for the same fault may, at VIBE's discretion, be considered as misuse.
- Products that have been repaired, modified, or tampered with by any unauthorised repair facility or third party.
- Any cost or expense relating to the removal, refitting, or re-installation of the product.
- Return shipping costs on items found to be non-defective on inspection.
- Cosmetic wear and tear arising from normal use.
- Damage caused during transit where the product was not packaged in its original packaging or equivalent protective packaging.

International Warranty

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

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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Speaker Installation Guidelines

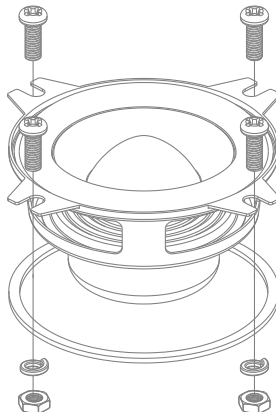
First, make sure that the speakers will fit in your chosen location. This may involve the removal of the standard vehicle speakers. Please use the mounting depth and hole cut dimensions as detailed in this manual for guidance.

- Find a suitable mounting location for the speaker.
- Mark the mounting holes and pre-drill the fixing hole with a 2 mm drill bit.
- If necessary, cut any material away to allow the speaker to sit correctly.
- Cut out the mounting hole and pre-drill any other fixing holes.

Direct Mount Installation

The speaker can be mounted using either self tapping screws or the bolts and nuts provided.

It is recommended that the supplied EVA rear gasket is used to ensure a good seal between the speaker and the mounting surface.

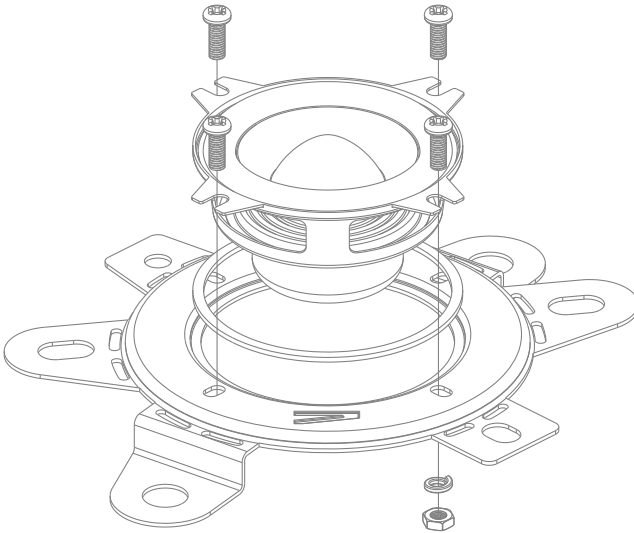


Speaker With Bracket Installation

The CVEN2MN-V6 is supplied with a universal mounting bracket that allows OEM fitment into many vehicles, including Mercedes Benz, Toyota and General Motors.

Mounting tabs can simply be snapped off as required to maximise installation compatibility.

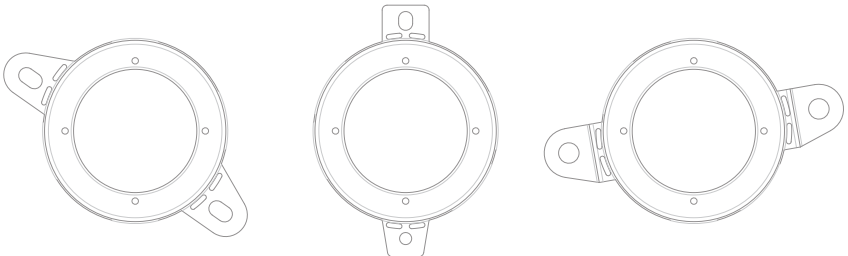
Please follow the below bracket configurations for popular applications.



- Mercedes Benz
- Toyota

- General Motors

- Toyota



Specification

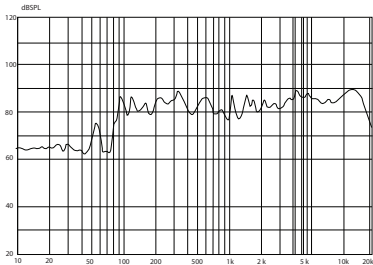
Model	CVEN2MN-V6
Type	Midrange
Configuration	1-way
Speaker Size	2" (51mm)
Peak/RMS Power	50W/25W
Sensitivity	86dB
Frequency Response	150Hz - 15kHz
Impedance	4Ω
Mounting Depth	0.94" (24mm)
Mounting Diameter	1.8" (46mm)

TS Parameters

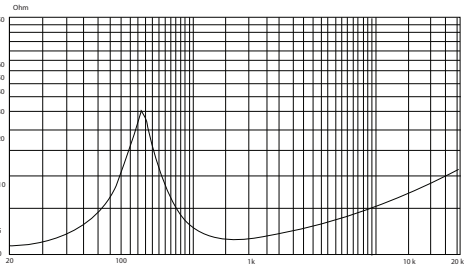
Parameter	CVEN2MN-V6
Fs	153.194 Hz
Re	3.8Ω
Qms	4.248
Qes	0.605
Qts	0.530
Cms	953.457 μm/N
Mms	1.132 g
Bl	2.615 T·m
SPL	82.9 dB
Vas	0.21 L
Sd	12.57 cm ²

Response Graphs

SPL vs Freq



Impedance vs Freq



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.

Midbass Distribution Ltd,
Reddicap Trading Estate,
Sutton Coldfield,
B75 7BU,
England



International Technical Enquiries

For international technical support please contact the distribution agent for your country.

Please visit www.vibeaudio.co.uk for more details.

Compliance

This product complies with the following directives, regulations and standards as applicable to its placing on the market in the United Kingdom and the European Union:

- EMC Directive 2014/30/EU and The Electromagnetic Compatibility Regulations 2016 (UK)
- RoHS Directive 2011/65/EU (as amended by 2015/863) and The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK)
- EU Regulation (EU) 2023/988, also known as the General Product Safety Regulation (GPSR)

A full Declaration of Conformity for this product is available on request from the manufacturer.



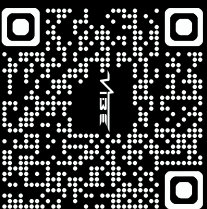


Designed and engineered in England

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