

VIBE[®]
Vented Innovative Bass Enclosures



Instruction Manual

To ensure maximum performance and safety, please follow this manual. Please retain the manual for future reference after installation.

Model: BDQB69 -V1

OWNERS MANUAL

Model: BDQB69

Congratulations on purchasing your BlackDeath QB69 speakers. Please read this manual in order to fully understand how to get the best results from your speakers.

Please ensure that all advice on how to look after your speakers is followed.

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

VIBE R&D Division

Introduction

This manual is for your safety and must be adhered to at all times. Please read this manual and ensure that you fully understand the installation and set up procedures explained in this manual before any work on the vehicle is attempted.

If you have any doubts about the installation of the VIBE QB69 speakers please contact your nearest authorised VIBE dealer.

Contents

- 2 x BDQB69 speakers
- 2 x 2 way passive crossover units with speaker cable
- 2 x ABS grills
- 12 x mounting screws
- 1 x mounting template

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 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, door handles or window glass inside the door).

Installation

The quality of the installation will affect the system performance and reliability.

Contact your nearest authorised VIBE dealer if you are unsure on the installation of this product.

Please mount this unit away from any potential hazards.

Minimising the length of wires will provide higher audio output from the system.

The speaker should be securely fastened to the mounting position using the screws provided.

Pre drill your mounting holes using a drill and position with the template provided.

Be sure to investigate your mounting area thoroughly for electrical wires, brake or fuel lines or fuel tank to prevent causing any damage.

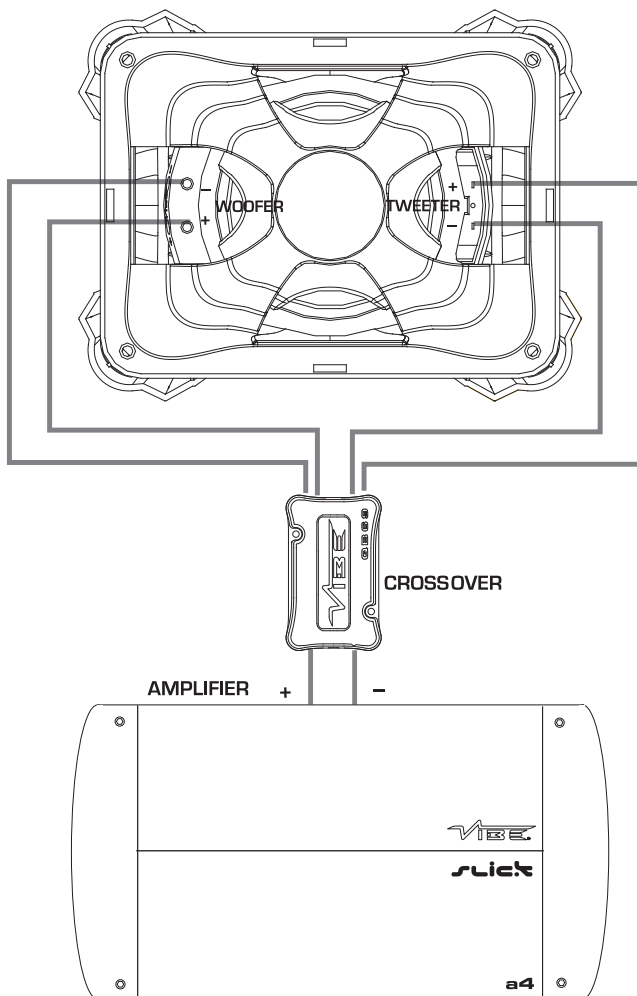
Firstly make sure that the speakers will fit in your chosen location. This may involve the removal of the standard vehicle speakers.

Please use the mounting depth and hole cut dimensions as detailed in this manual for guidance.

Wiring conections

Before you begin please read all instructions that come with your power tools and wear all recommended safety equipment. Also remember the rule - "measure twice cut once" please ensure that the QB69 will actually fit in its intended location as replacing metalwork is a costly business.

- Find a suitable position for the crossover, this should not interfere with any moving parts of the vehicle.
- Please ensure that correct polarity is observed as incorrect wiring will result in poor sound quality and loss of bass.
- The positive and negative lead of the crossover input must be connected to the positive and negative terminal of the amplifier.
- The woofer positive and negative lead of the crossover must be connected to the positive and negative woofer input terminal of the QB69.
- The tweeter positive and negative lead of the crossover must be connected to the positive and negative tweeter input terminal of the QB69.



Mounting instructions

- Using the template provided, mark out with a pen the hole that is to be cut out of the aperture.
- Carefully cut out the mounting hole with an appropriate tool.
- Mark out for the 6 mounting screw holes and pre drill if screwing into metal.
- Secure the 2 side screws first and then fasten the 4 corner screws through the grill and the speaker to secure the speaker in place.

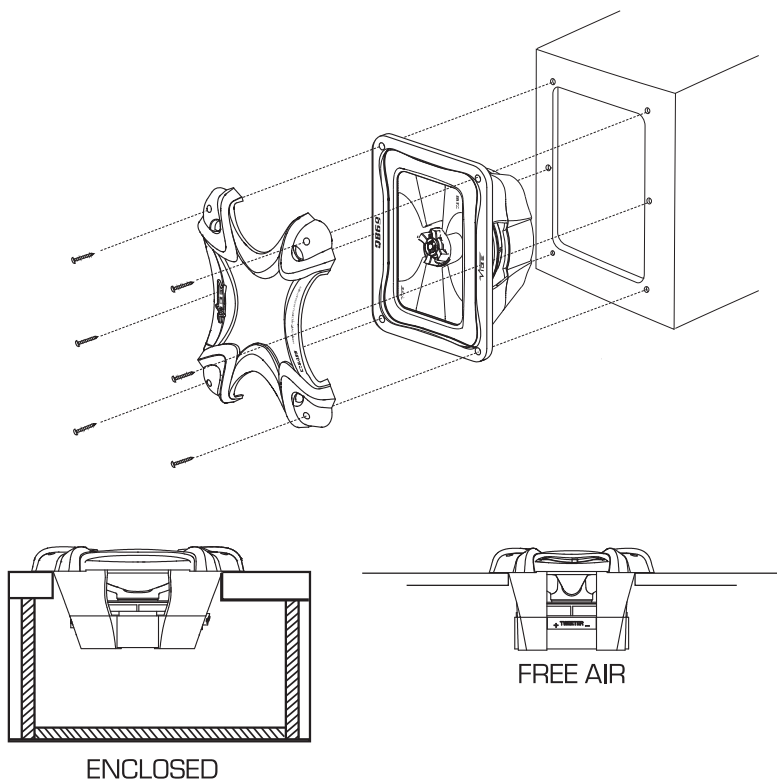
Congratulations. You have completed the installation of the VIBE QB69

Speakers can be enclosed or mounted free air. For best results ensure a rigid mounting surface.

Pivoting tweeter

The QB69 features a pivoting tweeter that can be moved by 5 degrees in any direction. The tweeter must be moved by pressing gently on the plastic housing in the desired direction.

NOTE – please exercise caution when moving the tweeter. Be sure not to touch the tweeter diaphragm with your fingers as this may cause damage to the tweeter that will not be covered under warranty.



Parameters

RMS Power = 200 watts

Peak Power = 600 watts

Minimum recommended amplifier input = 100 Watts RMS

Sensitivity = 91dB

Frequency response = 30Hz - 25KHz

Mounting cutout = 170mm x 220mm

Mounting depth = 100mm

Recv = 3.600 ohms

Fo = 45.272 Hz

Sd = 28.400 mm

Vas = 31.137 ltr

Cms = 271.868 u M/N

Mmd = 37.232 MKg

Mms = 39.984 g

Bl = 8.196 Tm

Qms = 2.444

Qes = 0.630

Qts = 0.48

Levc = 194.048 uH

No = 0.521%

SPLo = 90.8dB



In order to protect your purchase and aid your warranty please fill in the following form and keep it safe for your future reference:

Model Number:

Serial Number:

Purchased From:

Date of Purchase:

KEEP IT SAFE
Staple your receipt here:

Limited Warranty

All VIBE products carry a full twelve months warranty, valid from the date of the original receipt / proof of purchase. In order to validate this warranty, the warranty card should be returned to VIBE within seven days of the original purchase date. The original receipt and packaging should also be retained for this twelve month period.

If at any stage during the warranty period you have a problem with the product then it should be returned to the point of purchase, with proof of purchase in its original packaging, complete with no items missing.

If the store is unable to fix the product it may have to be returned to VIBE.

This process takes around 7 working days.

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

www.vibeaudio.co.uk/warranty

A written version can also be obtained from
VIBE warranty Dept
PO BOX 11000
B75 7WG

Technical enquires
call 09067031420

call cost 50p per minute

call costs correct at date of publication (01/01/07)

Hours of business 9.00am - 5.30pm

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BY USING ANY VIBE EQUIPMENT, YOU AGREE TO TAKE FULL RESPONSIBILITY FOR YOUR OWN SAFETY AND THE SAFETY OF OTHERS WHEN LISTENING TO MUSIC AT HIGH VOLUMES THROUGH EQUIPMENT YOU HAVE PURCHASED. USE OF ANY VIBE EQUIPMENT CONSTITUTES AGREEMENT TO THIS DISCLAIMER.

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