



## **Horn-Loaded Rectangular 6x9" Speaker**

### **Instruction Manual**

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

### **Manuel d'instructions**

Afin d'assurer la performance et la sécurité maximale, il est conseillé de consulter les instructions fournies et de garder le carnet même après l'installation pour éviter de futurs problèmes.

### **Manuale di Istruzione**

Per assicurare massime e la sicurezza, si prega di seguire questo manuale.  
Si prega di trattenere questi istruzioni dopo l'installazione per il riferimento nel futuro.

### **Bedienungsanleitung**

Um die optimale Leistung und Sicherheit des Gerätes zu erhalten, folgen Sie bitte dieser Bedienungsanleitung! Bitte bewahren Sie die Bedienungsanleitung nach dem Einbau gut auf, um auch in der Zukunft Hinweise nachlesen zu können.

### **Manual de instrucciones**

Para asegurar el buen funcionamiento y la seguridad, por favor, lea las instrucciones. Por favor, guarde el manual para futuras referencias después de la instalación.

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# TABLE OF CONTENTS

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Introduction.....	3
Package Contents.....	3
Standard Features.....	3
Warning.....	3
Installation.....	4
Important Notes.....	4
Specifications.....	5

# INTRODUCTION

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This instruction manual is for your safety and must be adhered to at all times. Please read carefully and ensure that you fully understand the installation and set-up procedures as explained. If you are unsure as to the installation or set-up of your VIBE QB69 speakers, please contact your nearest authorised VIBE dealer.

## PACKAGE CONTENTS

Your VIBE QB69 speakers should come packaged complete with:

- 2×VIBE QB69 Rectangular speakers
- 2 lengths of wire fitted with in-line crossovers
- 2×Mesh Grills
- 8×Screws
- This instruction manual
- VIBE Warranty Card

## STANDARD FEATURES

- Rectangular 6x9" IMPP Woofer Cone
- Rectangular Super Control Surround
- Horn Loaded Dual Step Hybrid Tweeter
- In-Line 12dB Crossover
- Power Bass Design
- New Specially Formed Rubber Gasket
- New Dual Form Mesh Grill
- 20% More Cone Area than a Standard 6x9" Speaker

## WARNING

**KEEP THE VOLUME AT A SAFE LEVEL DURING DRIVING.** 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.

**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.

**ENSURE GOOD AND CORRECT CONNECTIONS** – failure may result in fire or damage to the product.

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

# INSTALLATION

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Ensure the mounting hole and depth is correct for the intended speaker, using the included template check the mounting hole. Be sure to fully investigate the mounting area for electrical wiring, fuel lines, vacuum lines and moving parts. Ensure the speaker is a good fit and that a perfect seal can be formed around the basket.

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**WARNING:** Before you begin installing any electrical equipment, be sure that all source equipment is turned off. Failure to do so may result in damage to your equipment, and to yourself!

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1. Using the template mark the mounting holes on the intended surface, pre-drill these holes if necessary, paying careful attention to the area behind the mounting holes. Position the speaker in place ensuring that there is enough room for the mesh grill to be fitted.
2. Attach the correct wiring to the speaker ensuring the audio source unit is not active, pay careful attention to polarity/phase. Incorrect polarity will cause severe loss of bass response. Observe correct wiring for left and right channels, ignoring this will have drastic effects upon stereo audio. The use of excess length speaker wiring is known to reduce the quality and power of a speaker's performance, be sure to cut wiring to suit the speaker location.
3. Screw the speaker in place using the screws provided and be sure the speaker wiring is not damaged during or after this process. Ensure the speaker is fixed in place tightly and that there is a good seal around the gasket.
4. Finally, fit the mesh grill to the speaker, this is done by positioning the grill over the speaker and applying uniform pressure. The grill will fit over the rubber gasket of the QB69

The quality of the performance achieved by the QB69 speaker is directly linked to how well the speaker is installed, be sure to follow each of the above stages carefully. Please contact your nearest VIBE dealer if unsure about any installation issues.

The use of VIBE FLAT speaker cable will guarantee superior performance and excellent bass response from the QB69 speaker. Please contact your nearest VIBE dealer or visit our website for full details

## IMPORTANT NOTES

- 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 hydraulic lines and electrical wiring.
- Observe the correct polarity when wiring. Loss of bass response may result from out of phase speakers.
- Ensure the speaker is mounted safely away from moving parts – i.e. door and window handles and window glass

# SPECIFICATIONS

	QB69
RMS Power	200
Peak Power	800
Sensitivity	90.0
Frequency Response	25 Hz-25 KHz
Impedance	3.6
Mounting Depth	110mm
Crossover Type	2-Way Passive (12dB Per Octave)
Mechanical Q (Qms)	5.66
Electrical Q (Qes)	0.54
Total Q (Qts)	0.49
Xmax (Linear)	2.50 mm
Effective Piston Area	0.0287 m <sup>2</sup>
Acoustic Compliance	313.11 $\mu$ m/N
Moving Mass (Mms)	41.5 g
Voice Coil Diameter	2"
Voice Coil Type	Kapton
Magnet Weight	40oz
Recommd Enclosure Size	2.3 cu.ft

# ENGLISH

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# ITALIANO

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# DEUTSCH

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