



# 2/3-WAY CO-AXIAL SPEAKERS

## SR40/50/60/69

### 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 SR Sonic Response Series speakers, please contact your nearest authorised VIBE dealer.

## PACKAGE CONTENTS

Your VIBE SR Sonic Response Series speakers should come packaged complete with:

- 2 × VIBE SR Sonic Response Series speakers
- 2 × VIBE Grill Badges
- 2 lengths of wire
- 2 × Mesh Grills
- 2 × Plastic Grill Surrounds
- 8 × Black Adhesive Pads
- 8 × Screws
- This instruction manual
- VIBE Warranty Card

## STANDARD FEATURES

- Superior Diamond Diffusion Woofer
- Solid Reactor Basket
- High Performance Inverted Dome Tweeter
- New specially formed concaved open mesh grill and specially formed rubber gasket
- T-Yoke Mounted Tweeter Terminals
- In-Line Crossover

## 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.
2. If using the mesh grill ensure the plastic surround is mounted under the SR speaker before the speaker is fixed into place.
3. 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.
4. 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 basket.
5. Finally, fit the mesh grill to the plastic surround using the black adhesive pads if necessary. Pay careful attention to the fitment of the grill, particularly around the tweeter and midrange assembly.

The quality of the performance achieved by the SR 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 SR 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

	SR40	SR50	SR60	SR69
RMS Power	50	75	100	150
Peak Power	100	150	200	300
Sensitivity	85.8	86.5	87	90.6
Frequency Response	52Hz-25K	45Hz-25K	40Hz-25K	35Hz-25K
Impedance	3.6	3.6	3.6	3.6
Mounting Depth	40.5	57	69	93
Resonant Frequency	60 ± 5Hz	50 ± 5Hz	45 ± 5Hz	40 ± 5Hz
Mechanical Q (Qms)	2.61	2.59	3.97	2.77
Electrical Q (Qes)	0.587	0.600	0.611	0.496
Total Q (Qts)	0.51	0.50	0.56	0.46
Xmax (Linear)	2mm	2mm	2mm	5.25mm
Effective Piston Area	0.00567	0.0084	0.0132	0.0204
Acoustic Compliance	4.57	10.69	15.01	26.30
Moving Mass (Mms)	5.94g	8.97g	14.125g	27.71g
Suspension Compliance	1.001	1.045	600.357	445.16
Voice Coil Diameter	0.8"	1"	1"	1.5"
Voice Coil Type	Aluminium	Aluminium	Aluminium	Aluminium
Magnet Weight	10oz	12oz	15oz	20oz
Recommnd Enclosure Size	0.3 cu.ft	0.37 cu.ft	0.75 cu.ft	1.02 cu.ft

## ENGLISH

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