



**DIAMOND**  
AUDIO

**VSPMB**

SOUNDTUNING FOR MERCEDES-BENZ VEHICLES

**Owners Manual**

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VSP1TSMB/VSP4CPMB/VSP4CXMB/VSP4CTRMB/VSP8MBL

## ABOUT THE DIAMOND AUDIO EXPERIENCE

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Congratulations, you have just purchased the finest mobile audio products on the market to date. At Diamond Audio, our products represent the latest advances in acoustic technology in sound reproduction for your vehicle. Diamond Audio products are designed, developed, and engineered using the latest innovative materials and components to provide the finest sound reproduction possible. Every Diamond Audio product has been Klippel verified and tested to ensure the best sounding and most reliable product on the market, if installed properly, Diamond Audio products will provide many years of the ultimate listening experience.

Please note that prolonged exposure to sound pressure levels in excess of 100dB can cause permanent hearing loss. Using Diamond Audio products can exceed that level so please exercise restraint in its operation in order to preserve your ability to enjoy its high fidelity sound for many years to come.

Diamond Audio recommends our products be professionally installed by an authorized Diamond Audio dealer to achieve the best possible system recommendation and installation. This will ensure a true Diamond Audio listening experience and sound you would expect from Diamond Audio products. In doing this you will extend your warranty from one year to two years.

Go ahead, Hear the Music Diamond

## IMPORTANT NOTICE

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This manual is an installation aid for professional installation of the sound system.

Please observe:

- Please handle all parts of the sound system and the components of your vehicle with care.
- Under all circumstances observe the instructions of the vehicle manufacturer and do not make any changes to the vehicle which could impair driving safety.
- Be sure to pay attention to the correct polarity when connecting.

## CUSTOMER SERVICE

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As a rule, the installation of any sound system should be carried out by a trained technically skilled specialist. However, if you decide to do it yourself contact your dealer or our technical support team

## LEGAL NOTICE

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- Diamond Audio is in no way connected to Daimler AG or one of its subsidiaries or partner companies, or act on their behalf or with their authorization.
- All protected product names and brand names are the property of their respective owners.
- Technical changes and errors are subject to change.

## SCOPE OF DELIVERY

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### VSP1TSMB

Tweeter VSP1TSMB with in-line-crossover, Pair



### VSP4CPMB

Midwoofer VSP4CPMB, pair

Tweeter VSP1TSMB with in-line-crossover, pair



### VSP4CXMB

Coaxial Speaker VSP4CXMB, pair



### VSP4CTRMB

Center Speaker VSP4CTRMB, one piece



### VSP8MBL

Woofer VSP8MBL left, one piece

Vehicle specific connection cables



### VSP8MBR

Woofer VSP8MBR right, one piece

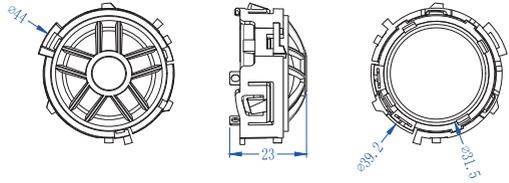
Vehicle specific connection cables



# TECHNICAL SPECIFICATIONS

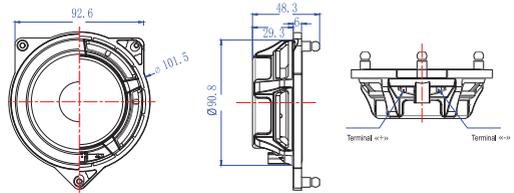
## VSP1TSMB

25 mm (1") tweeter pair, incl. crossover  
 50 Watts/RMS, 100 Watts/MAX  
 Impedance 4 Ohms, SPL 91 dB/1W/m  
 Frequency response 3,5 - 22 kHz  
 25 mm neodymium titanium dome tweeter  
 Mounting depth 15 mm  
 Mounting opening 39 mm



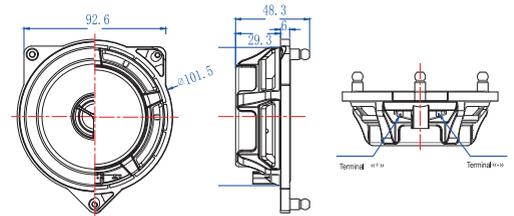
## VSP4CPMB

10 cm (4") 2-Way component system  
 40 Watts/RMS, 80 Watts/MAX  
 Impedance 4 Ohms, SPL 88 dB/1W/m  
 Frequency response 75 - 22K Hz  
 Glass fiber membrane, dual neodymium magnet  
 25 mm neodymium titanium dome tweeter  
 Mounting depth 30 mm  
 Mounting opening 91 mm



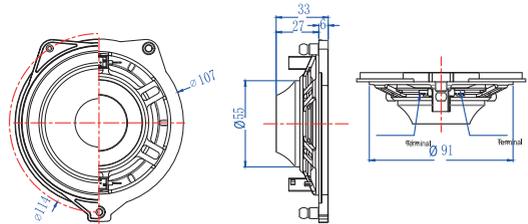
## VSP4CXMB

10 cm (4") 2-Way coaxial speakers  
 40 Watts/RMS, 80 Watts/MAX  
 Impedance 4 Ohms, SPL 88 dB/1W/m  
 Frequency response 75 - 22K Hz  
 Glass fiber membrane, neodymium magnet  
 16 mm neodymium silk dome tweeter  
 Mounting depth 30 mm  
 Mounting opening 91 mm



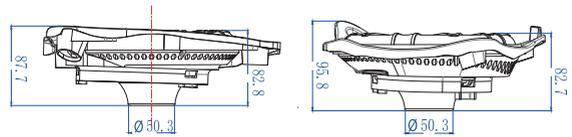
## VSP4CTRMB

10 cm (4") center speaker  
 40 Watts/RMS, 80 Watts/MAX  
 Impedance 4 + 4 Ohms, SPL 88 dB/1W/m  
 Frequency response 75 - 18K Hz  
 Glass fiber membrane  
 neodymium magnet, Dual voice coil  
 Mounting depth 27 mm  
 Mounting opening 91 mm



## VSP8MBL/ VSP8MBR

20 cm (8") subwoofer left/right  
 100Watts/RMS, 200 Watts/MAX  
 Impedance 4 Ohms, SPL 89 dB/1W/m  
 Frequency response 30 - 300 Hz  
 Glass fiber membrane,  
 Dual neodymium magnet  
 38 mm (1,5") Voice Coil, Nomex Spider



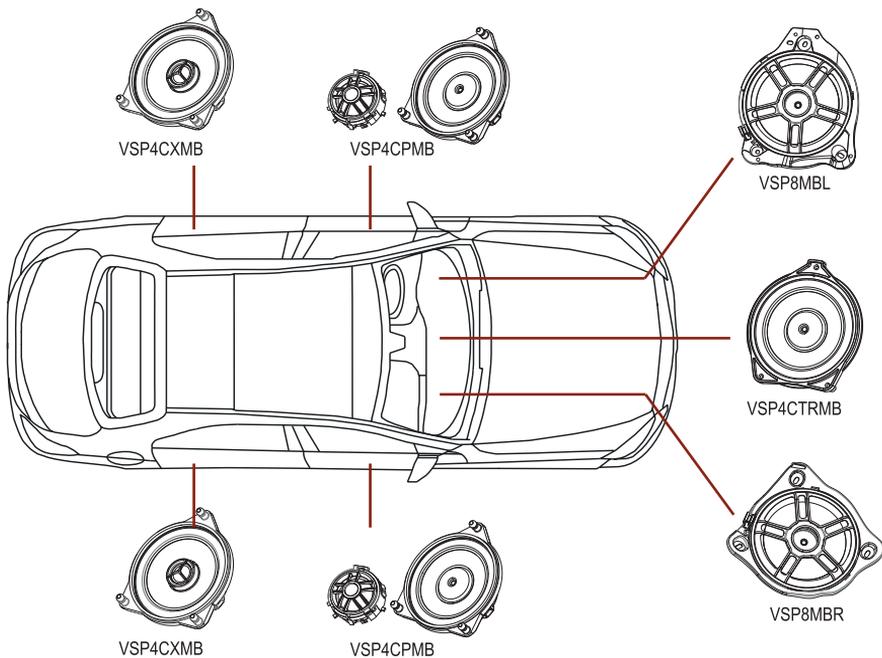
VSP8MBL

VSP8MBR

# COMPATIBILITY

				<i>front door</i>	<i>rear door</i>	<i>center</i>	<i>subwoofer</i>
<b>C</b>	W205	Limousine/Sedan	ab /from 2014	VSP4CPMB / VSP4CXMB	VSP4CXMB / VSP4CPMB*	VSP4CTRMB	VSP8MBR / L
<b>C</b>	S205	Kombi/Estate	ab /from 2014	VSP4CPMB / VSP4CXMB	VSP4CXMB / VSP4CPMB*	VSP4CTRMB	VSP8MBR / L
<b>C</b>	C205	Coupé/Coupe	ab /from 2015	VSP4CPMB* / VSP4CXMB	VSP4CXMB / VSP4CPMB*	VSP4CTRMB	VSP8MBR / L
<b>C</b>	A205	Cabriolet/Convertible	ab /from 2016	VSP4CPMB* / VSP4CXMB	VSP4CXMB / VSP4CPMB*	VSP4CTRMB	VSP8MBR / L
<b>GLC</b>	X253	SUV/SUV	ab /from 2015	VSP4CPMB / VSP4CXMB	VSP4CXMB / VSP4CPMB*	VSP4CTRMB	VSP8MBR / L
<b>GLC</b>	C253	SUV Coupé/SUV Coupe	ab /from 2015	VSP4CPMB/ VSP4CXMB	VSP4CXMB/ VSP4CPMB*	VSP4CTRMB	VSP8MBR / L
<b>E</b>	W213	Limousine/Sedan	ab /from 2016	VSP4CPMB/ VSP4CXMB	VSP4CXMB/ VSP4CPMB*	VSP4CTRMB	VSP8MBR / L
<b>E</b>	S213	Kombi/Estate	ab /from 2016	VSP4CPMB / VSP4CXMB	VSP4CXMB/ VSP4CPMB*	VSP4CTRMB	VSP8MBR / L
<b>E</b>	C238	Coupé/Coupe	ab /from 2017	VSP4CPMB / VSP4CXMB	VSP4CXMB / VSP4CPMB*	VSP4CTRMB	VSP8MBR / L
<b>E</b>	A238	Cabriolet/Convertible	ab /from 2017	VSP4CPMB / VSP4CXMB	VSP4CXMB/ VSP4CPMB*	VSP4CTRMB	VSP8MBR / L
<b>S</b>	W222	Limousine/Sedan	ab /from 2013	VSP4CPMB	VSP4CPMB	VSP4CTRMB	VSP8MBR / L

\*Mercedes-Benz Burmester tweeter holder is required for mounting of VSP4CPMB.

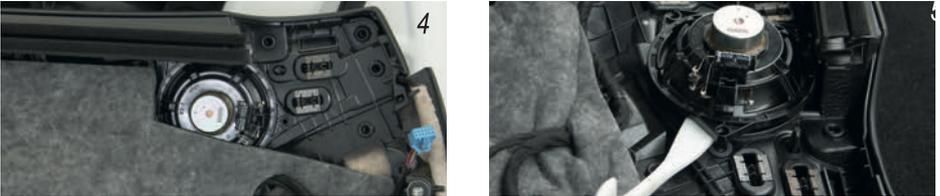


# INSTALLATION

## VSP4CPMB INSTALLATION EXAMPLE IN A MERCEDES-BENZ C-CLASS TYPE W205



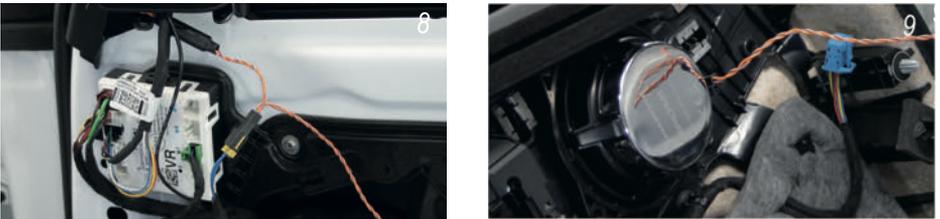
Remove the two screws on the door handle (TX27) and start to remove the clamps on the door panel from the bottom and then pull it out. Now remove all the plugs that are connected to the door trim



Now the speaker is accessible. The speaker is not screwed. Lever out the speaker and remove it.



Now mount the Diamond Audio speaker in the slot by pushing it in. Then remove the old tweeter from the mirror triangle, if available. Afterwards attach the Musway tweeter.



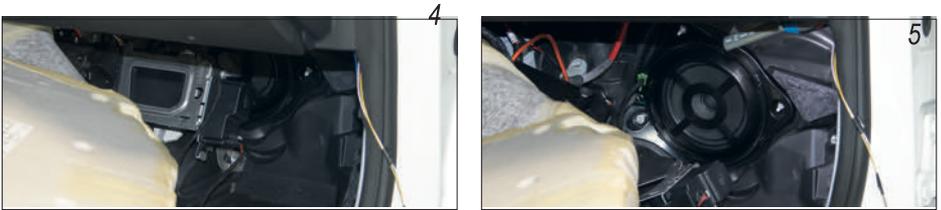
Connect the tweeter cable to the factory cable and the Diamond Audio speaker. Mount the door trim in reverse order.

# INSTALLATION

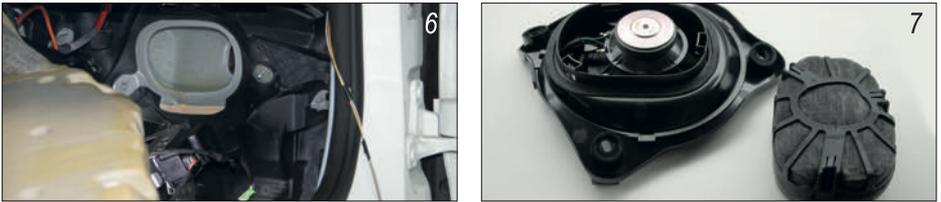
## VSP8MBR INSTALLATION EXAMPLE IN A MERCEDES-BENZ C-CLASS TYPE W205



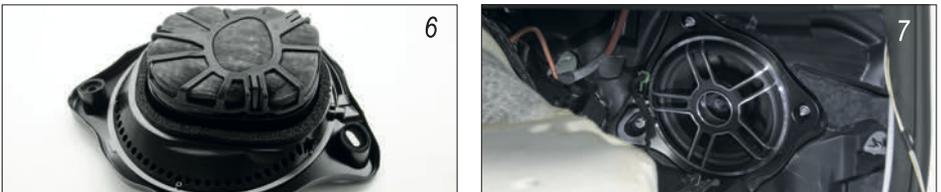
Remove the door strip and the cover under the glove. If present, remove the plug from the cover.



Loosen the three nuts (10) behind the cover of the footwell (inserted and screwed) (Picture 3). Remove the controller and power distribution box in front of the woofer. The woofer is now accessible.



Now disconnect the plug and remove the woofer (3 x screwed). Remove the rear cover from the old woofer.



Attach the cover of the old woofer to the Diamond Audio subwoofer. Then mount the Diamond Audio woofer. Now put everything together again in reverse order.

# INSTALLATION

## VSP4CXMB INSTALLATION EXAMPLE IN A MERCEDES-BENZ C-CLASS TYPE W205



Remove the two screws on the door handle (TX27) and carefully lever the door trim out (from bottom to top). Now remove all the plugs that are connected to the door trim.



The speaker is now accessible. The speaker is not screwed on. Lever out the speaker and remove it.



Now mount the Diamond Audio speaker by pushing it in and connect it to the factory cable of your vehicle. Mount the door trim in reverse order.

# INSTALLATION

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## VSP4CTRMB INSTALLATION EXAMPLE IN A MERCEDES-BENZ C-CLASS TYPE W205



*Lever out the speaker grille. Then loosen the old speaker (lever out, not screwed).*



*Remove existing plugs from the loudspeaker.*

*Remove the old speaker and connect the cable to the Diamond Audio speaker*



*Attach the Diamond Audio speaker and mount the grille.*



## LIMITED SPEAKER WARRANTY STATEMENT

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Diamond Audio Technologies, (CV & DA HOLDINGS INC.) warrants this product to be free from defects in material and workmanship for a period of one (1) year from the original date of purchase provided it was purchased from an authorized DAT retailer within the United States. Product warranty period starts at date of purchase or one year past manufacture date whichever is first. However, upon purchase, completion of the online registration and installation by an authorized DAT dealer your warranty period will be extended to two (2) years. This warranty extension offer will only be recognized upon completion of the online registration of your product within 30 days of the date of purchase.

THIS WARRANTY IS NOT TRANSFERABLE AND APPLIES ONLY TO THE ORIGINAL PURCHASER OF THIS PRODUCT IN ITS ORIGINAL INSTALLATION. Original purchaser must reside in the United States and be able to provide proof of purchase and installation with the sales receipt and completion of online registration from the authorized DAT retailer that sold and installed the product.

Should a manufacturing defect occur during above said warranty period, DAT will replace or repair the defective product with a product of the same or equivalent value and performance.

Damage or failure caused by any of the following is not covered under this warranty policy: negligence, improper use, abuse, product modification, unauthorized repair attempts, accident, acts of God, misrepresentations by DAT retailers, and improper/inadequate packaging during return shipping.

**Warranty is void if serial numbers have been removed, altered or defaced.**

## HOW TO OBTAIN WARRANTY SERVICE

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In the event a DAT product should require service, you should visit the authorized DAT retailer you purchased the product from and they can expedite your claim. All claims must fall into the guidelines listed above and be accompanied by a copy of the original sales and installation receipt from that authorized DAT retailer.

Product returned for warranty service must be freight-prepaid, properly packaged and clearly marked with the Return Authorization (RA) number issued by DAT. Any product returned to DAT that is improperly packaged, does not have a RA number clearly marked on the package, or never received a RA number may be refused upon delivery. DAT does not assume responsibility for lost or misdirected product.

Repair or replacement under this warranty is the exclusive remedy of the consumer. DAT shall not be liable for any incidental or consequential damages for breach of any expressed or implied warranty on this product. Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights that may vary from state to state.

Customers outside the United States should contact their local sales office to obtain information on pricing, exchange unit availability, instructions, service and warranty/non-warranty replacement or repair.

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