

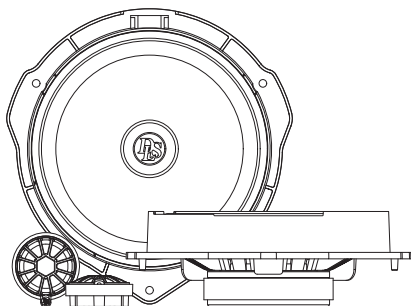
# CRPP-MB2.6

User Manual

Mercedes Vito



CRUISE



### Welcome to DLS!

Thank you for purchasing the DLS Cruise CRPP-MB2.6 component kit. For us, it's all about the sound experience. We care deeply about sound and construction quality. In order for your experience to be as optimal as possible, it is important that you fully read this manual, preferably before you start your installation. Keep the manual in a safe and accessible place for future reference.

Your speakers must be installed correctly in order to work as intended. Make sure you have all necessary tools nearby before starting and that you are completely confident in how to proceed. If you feel the slightest uncertainty; feel free to take the help of an experienced installer or a car audio dealer.

### Warranty

This component kit is covered by warranty, depending on the conditions in the country where it is sold. If the speaker is returned for service, please include the original dated receipt with the product.

### DECLARATION OF CONFORMITY

DLS plug and play speakers for vehicles are manufactured in accordance with the EU directive EEC 95/54 (72/245/EEC) and are marked with the approval number. They are also marked in accordance with the WEEE-directive 2012/19/EC. The products are also produced in accordance with the EU RoHS directive 2015/863/EU.

# DLS CRUISE

## CRPP-MB2.6

### Content

Welcome	1
Parts Included	2
Pre-installation	2
General Info	2
Installation	2
Tools needed	2
Remove door panel	2-3
Remove OEM speaker	4
Mount DLS speaker	4
Remount door panel	5
Remove OEM tweeter	6
Crossover settings	7
Mount DLS tweeter	8
Running-in Time	9
DLS Support	9
Specifications	10-11
Compatible Car Models	12
Disclaimer	12
Product Markings	13

DLS speakers are engineered by DLS Sweden,  
a part of:

**Winn Scandinavia AB**

Idrottsvägen 37 - SE-702 32 Örebro - Sweden

Tel: +46 19 20 67 65 - E-mail: [info@dls.se](mailto:info@dls.se)

[www.dls.se](http://www.dls.se)

**Designed & Sound tuned in Sweden.**



# Parts Included

## Included products:

2pcs Woofers  
2pcs Tweeters  
2pcs Crossovers

## Included in box:

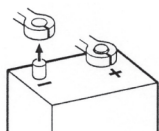
2pcs Stainless steel logo badges  
2pcs Cable connector for woofer  
2pcs Cable connector for tweeter  
8pcs Terminal crimp connectors  
4pcs Adhesive foam for wrapping  
1pc Pry tool  
1pc Manual

# Pre-installation

## Disconnect Battery

Before you start the process of replacing speakers, disconnect and secure the negative terminal from your battery/power source. This will prevent the risk of damaging yourself or the products.

Place the disconnected terminal in a secure and isolated location away from any possible connection belonging to the battery/power source system.



# General Info

Some sound systems may vary in size of the door speaker. Before you start the assembly, make sure that your vehicle has the same size as this kit.

The installation process may vary depending on the car model, factory options and other factors. The approach is similar to all of the described car models. Some screws and clips may be placed differently and depending on if the tweeter is placed in the A-pillar or side mirror, the course of action may vary.

Take care when removing panels, so there will be no marks. Use plastic pry tools to avoid marks on the panels and damaging the plastic clips.

# Installation

## Tools needed

Bit screwdriver

T20/T25/T30 Torx bit  
PH1/PH2 Phillips bit  
Small flat head screwdriver  
Plastic pry tool (included)

## Remove door panel

Start by removing the door handle cover. Use the Pry tool or a small flat head screwdriver to remove the plastic cover.



Use a Torx bit to loosen and remove the three screws.

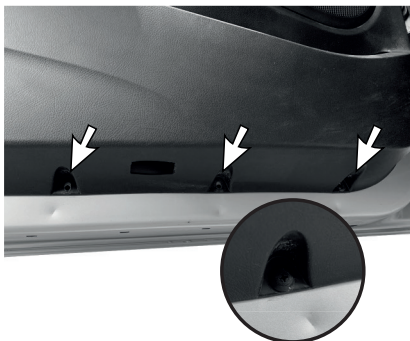


Remove the round plastic cover by using a small flat head screwdriver. Use a Torx to loosen and remove the screw.





The lowest part of the door is locked by three Philips screws (PH1 or PH2) and expansion plugs. If the expansion plugs are broken. Replace them.

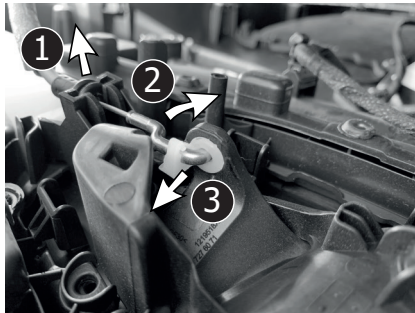


To remove the door panel, all clips need to be released. Use the Pry tool to release all the clips marked with the white circles.

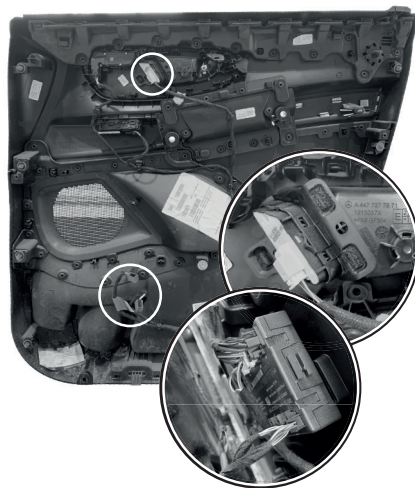


When all clips are released and the door panel is loose, start with softly lifting it straight up, to remove the panel.

Remove the door panel. Unclip the release cable from the door handle. First lever out the white clip (1). The door release cable is now loose and can be removed from the front turning the cable and unhooking it.



Unplug all electrical connections.

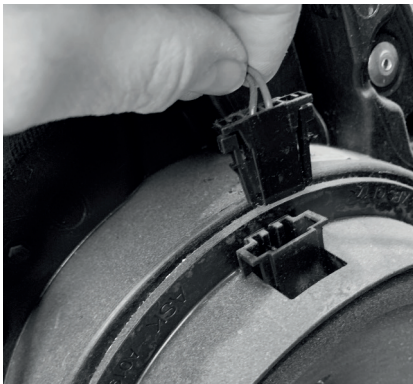


Follow the same steps on the passenger side to remove the second door panel.

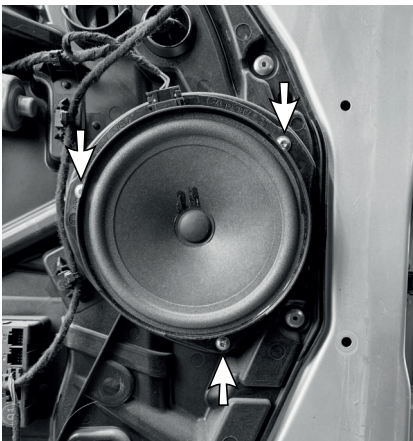


## Remove OEM Speaker

Remove the speaker connector at the top of the speaker.



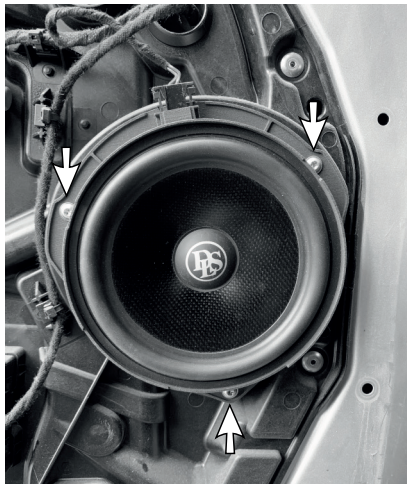
Remove the speaker by unscrewing the three Torx screws.



Follow the same steps on the passenger side to remove the second OEM speaker.

## Mount DLS Speaker

Mount the new DLS speakers, using the OEM screws. Make sure the speaker is properly mounted and fits nicely.



Finally, reconnect the speaker connector to the DLS woofer.

Follow the same steps on the passenger side to install the second DLS woofer.



## Remount Door Panel

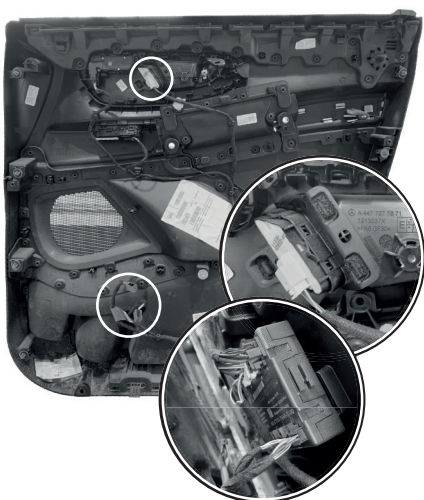
Start the reassembly of the door panels. Follow this manual in reverse order.

Reconnect all cables. Connect all plugs to the door panel, reconnect the electrical connectors then place the door cover so that the three lower screw holes are in position at the bottom. Push the door panel in place so that the window seal is in the right place at the top.

Make sure the clips are in place and can engage. Give the door panel a push by the hand to attach to the clips. Mount and fasten all screws to the correct places. Make sure that no screws or clips are left over.

### Hint!

Take care when installing the door panel, to make sure no wires get squeezed and/or pressed against the midrange speaker when it's installed in the door frame.

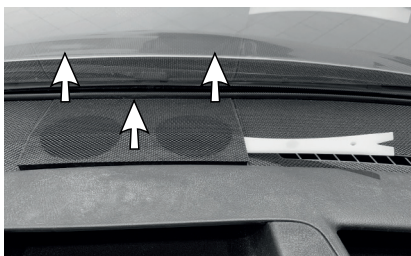




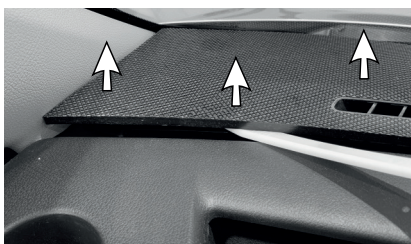


## Remove OEM Tweeter

To remove the speaker grilles on the far left and right side we first need to remove the speaker grille located in the center of the dashboard by using the Pry tool.



Use the Pry tool to remove the cover of the tweeter on both driver and passenger side. Carefully lever the trim upwards, the cover is secured with clips.

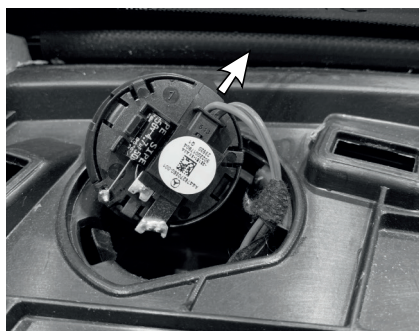


When all clips are loose, remove the cover.

Use the Pry tool or a flat head screw driver to extract the tweeter of it's holder in the dashboard.



Then remove the original connection of the tweeter. Press the release button to unplug the connector.



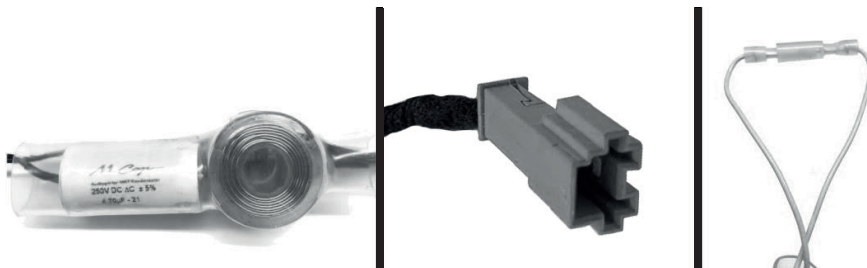
**NOTE!** Be careful so that the tweeter connection does not fall into the open space in the tweeter holder once you have removed the OEM tweeter.

Follow the same steps on the passenger side to remove the second OEM tweeter.



## Crossover Settings

Connect the crossover using the factory connector. Use the remaining wrapping foam to secure the crossover and cables.

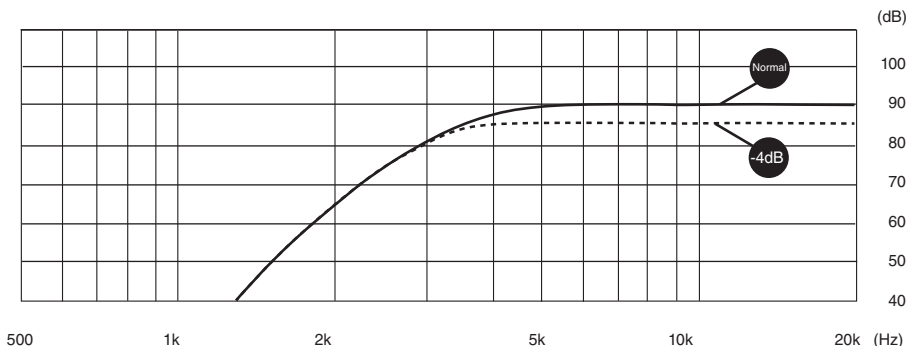


### Tweeter Level

The yellow cable loop is a tweeter level selection, enabling fine tuning of the high-frequency sound.

- Closed loop = -4dB (Shown in the picture below)
- Open loop = Normal (Shown in the picture below)

By closing the loop as shown in the picture above, the tweeter gets less power in the higher frequencies, making the sound seem less intense. We recommend using the closed loop setup in installations where the factory tweeters are angled towards the listening position.

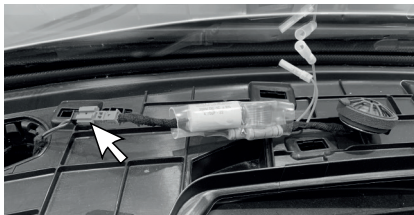




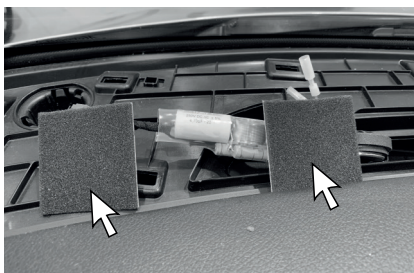
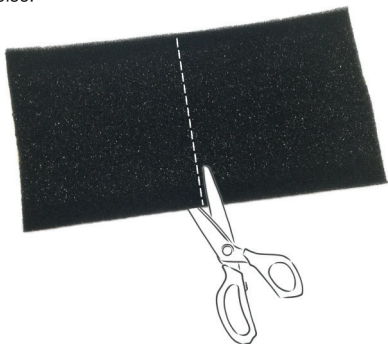


## Mount DLS tweeter

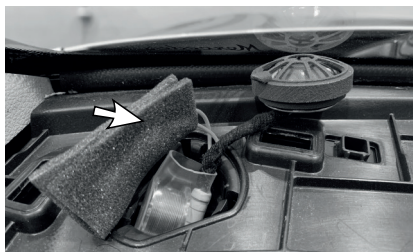
Connect the new DLS tweeter to the car's OEM connector. Make sure the connectors click together.



Take one of the adhesive foams and cut in half according to the picture below. Wrap one part around the connectors, and one part around the yellow tweeter-loop cable, to avoid rattle and noise.



Tweeter-loop cable wrapped in adhesive foam.



Hide the crossover in the tweeter slot, inside the dashboard. Push it down gently.

Snap the new DLS tweeter into position. Make sure the clips engage properly on the tweeter.

Follow the same steps on the passenger side to install the second DLS tweeter.



## ***Running-in Time***

The component kit will perform at it's best after 15-20 hours of running-in time. The running-in time can be played with a tone, or by just playing regular music.

Start your listening at a moderate level and increase the volume as time goes by. After 15-20 hours of listening the performance and characteristics will be as intended.



## ***DLS Support***

For technical assistance, ask your car audio dealer where the product was sold or the distributor in your country. You can always contact the DLS Support in Sweden via e-mail: [info@dls.se](mailto:info@dls.se). For more information regarding DLS and our products, visit our website: [www.dls.se](http://www.dls.se). We follow a policy of continuous advancement in development. For this reason, all or part of specifications and designs may be changed without prior notice.



# Specifications

## DLS Cruise CRPP-MB2.6 Component Kit

### Technical Specifications

Size	6.5" / 165 mm woofer and 1" / 25 mm tweeter
RMS Power	100 W
MAX Power	200 W
Impedance	3 Ohm
Sensitivity	91 dB 1W/1m
Freq. range	60 Hz - 25 kHz
Crossover	4.8 kHz 12 dB / Oct with Mundorf® caps

## DLS Cruise CRPP-MB2.6 Woofer

### Technical Specifications

Size	6.5" / 165 mm
RMS Power	100 W
MAX Power	200 W
Impedance	3 Ohm
Freq. range	60 Hz - 5 kHz
Voice Coil Size	1" / 25 mm
Voice Coil Material	CCAW voice coil with Kapton® former
Basket	Glass Fiber Reinforced ABS
Magnet	Optimized hybrid neo/ferrite magnet
Cone	Glass Fiber
Suspension	Rubber

### Electro-Acoustic Parameters

Re	2.6 ohm
Fs	68.9 Hz
Mms	14.6 gr
Cms	0.364
Vas	11.24 L
Qts	0.51
Qes	0.61
Qms	3.07
Bl	5.19 Tm
Spl	89.7 dB 1W/1m
Sd	147 cm²

## DLS Cruise CRPP-MB2.6 Tweeter

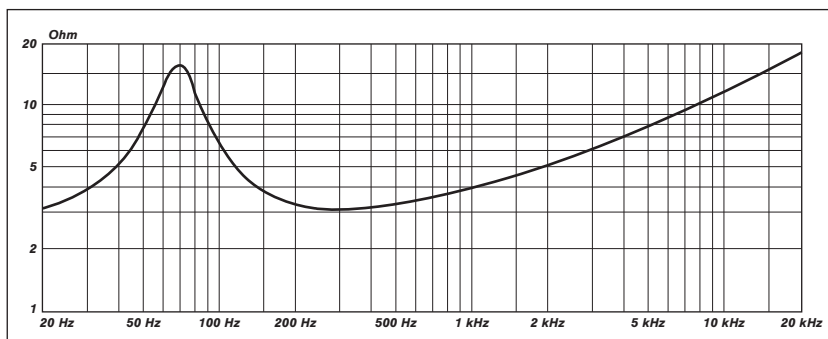
### Technical Specifications

Size	1" / 25.4 mm
RMS Power	50 W
MAX Power	100 W
Impedance	4 Ohm
Freq. range	2 kHz - 25 kHz
Voice Coil Material	CCAW voice coil with aluminum former
Frame	Glass Fiber Reinforced ABS
Magnet	Neodymium with copper shorting ring
Cone	Natural silk dome with internal damping pad

### Electro-Acoustic Parameters

Re	3.5 Ohm
Fs	1990 Hz
SPL	94 dB 1W/1m

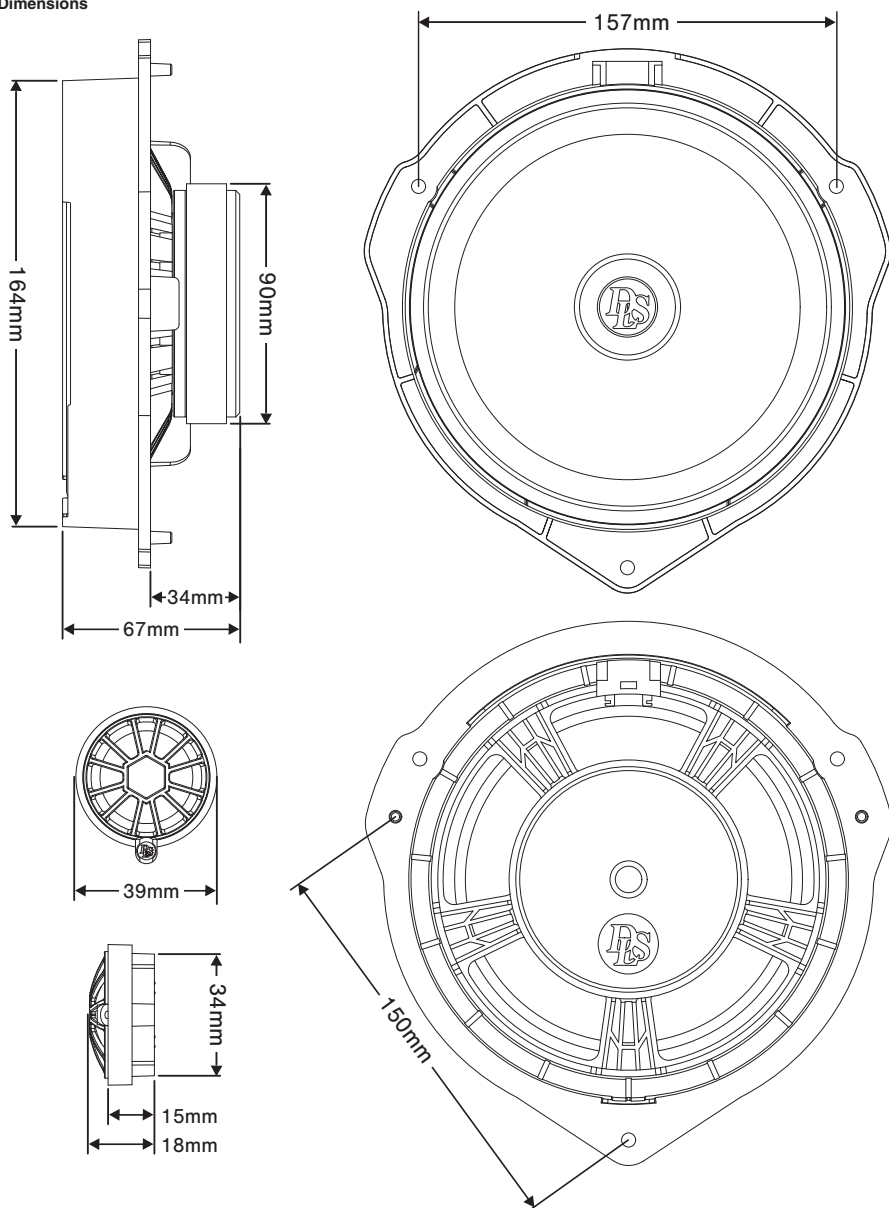
## Impedance vs. Frequency





# Specifications

Dimensions





# Compatible Car Models

## ***DLS Cruise CRPP-MB1.6***

<b>Make</b>	<b>Model</b>	<b>Year</b>	<b>Front speaker</b>
Mercedes	Vito	2014-2020	CRPP-MB2.6*
Mercedes	Vito (1st facelift)	2019-	CRPP-MB2.6*
Mercedes	Vito (2nd facelift)	2024-	CRPP-MB2.6*
Mercedes	eVito	2018-2020	CRPP-MB2.6*
Mercedes	eVito Tourer	2020-	CRPP-MB2.6*
Mercedes	EQV	2020-	CRPP-MB2.6*

\*CRPP-MB2.6 woofers fit in the front door speaker locations.

## ***Disclaimer***

CRPP-MB2.6 is a component kit that has been developed to be installed in the front doors and the dashboard. For more information, visit [www.dls.se](http://www.dls.se) or consult your local DLS dealer.





# Product Markings



The crossed-out wheellie bin symbol means that the product, literature and packaging included must be taken to separate collection at the end of their working life. Do not dispose of these products as unsorted municipal waste: take them for recycling. For info on your nearest recycling point, check with your local waste authority.



This product has been granted with the CE certification mark to show that the product follows the health, safety, and environmental protection standards for products sold within the European Economic Area (EEA).



DLS products comply with the relevant provisions of the RoHS Directive for the European Union. In common with all Electrical and Electronic Equipment (EEE) the product should not be disposed of as household waste. Alternative arrangements may apply in other jurisdictions.



DLS is a global partner of the European Mobile Media Association, an organisation that focus on promoting the custom made mobile media installations to consumers.

We follow a policy of continuous advancement in development. For this reason all or part of specifications & designs may be changed without prior notice. We reserve for possible typos, factual or numeric errors that may have been printed on any products, package designs, user manuals and/or other included accessories.





CRUISE **E**