

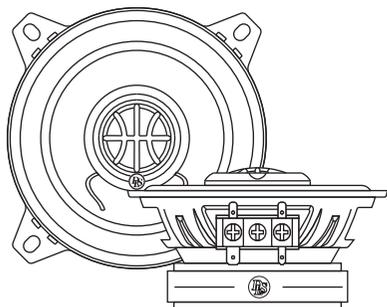
PA4

4" 2-way coaxial speaker

User manual



PERFORMANCE



Welcome to DLS!

Thank you for buying a DLS Performance PA4. 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 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 coaxial speaker 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.

General

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

DECLARATION OF CONFORMITY

DLS Performance 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.

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PA4

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

Winn Scandinavia AB

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www.dls.se

Designed & Sound tuned in Sweden.



Included parts

Included products:

2pcs Coaxial speakers

Included in box:

2pcs Speaker cables 100cm

8pcs V-type clips

8pcs Screws

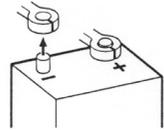
2pcs Grills

1pcs 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.

Installation

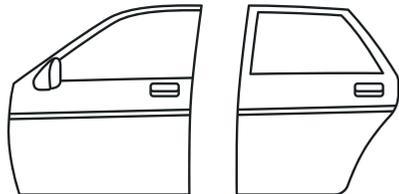
Mount the speakers in the dash, door or in the rear shelf of your car. They may fit in the factory pre-made mounting holes, if not you might have to modify the fitting. If you want to improve the sound reinforcement you can use a baffle of MDF-board or similar. An installation high up on the door side is to be preferred. For door placements, there are normally speaker rings that have to be used to make the speaker fit to the door panel.

NOTE! It is important to fasten the speakers properly in order to avoid bad sound or rattling.

Door insulation

DLS recommends using insulation/sound deadening in the car doors. It lowers the noise from the road/tires and prevent rattles and other noises from plastic details in the doors.

If you need help deciding what type of door insulation you should use, ask your DLS distributor for info and guidance.





Run-in period

To ensure optimal performance from your speakers, it's essential to allow for a proper run-in period. Fresh out of production, the moving parts like spider and suspension in a speaker can be stiff. A bit of exercise is necessary. Once they've had a chance to settle, you'll notice an improvement in sound quality.

Plan to let them play for a minimum of 15-20 hours. This can be achieved using a tone sweep or simply by playing music until they reach their intended performance.

Once the run-in period is completed the speakers now provide a more natural and enhanced music experience.

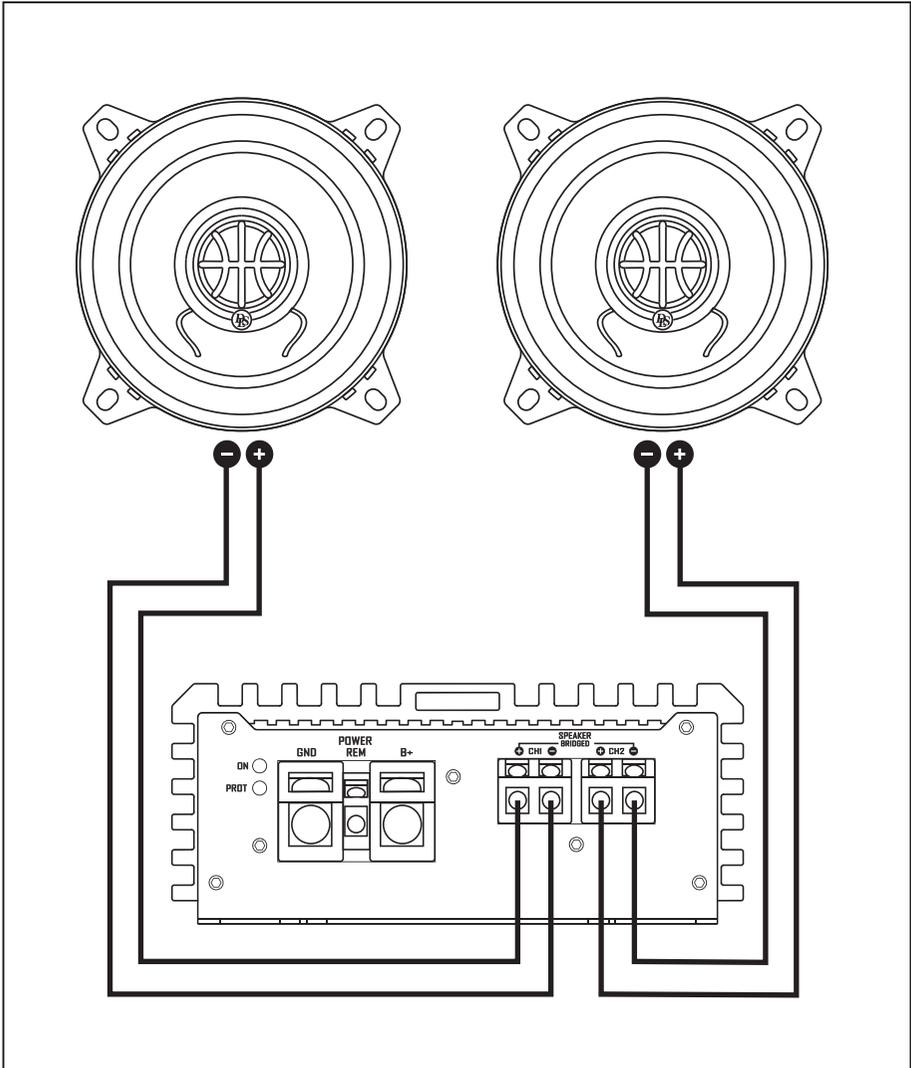


DLS support

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. For more information regarding DLS and our products, visit our website: 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.



Wiring diagram

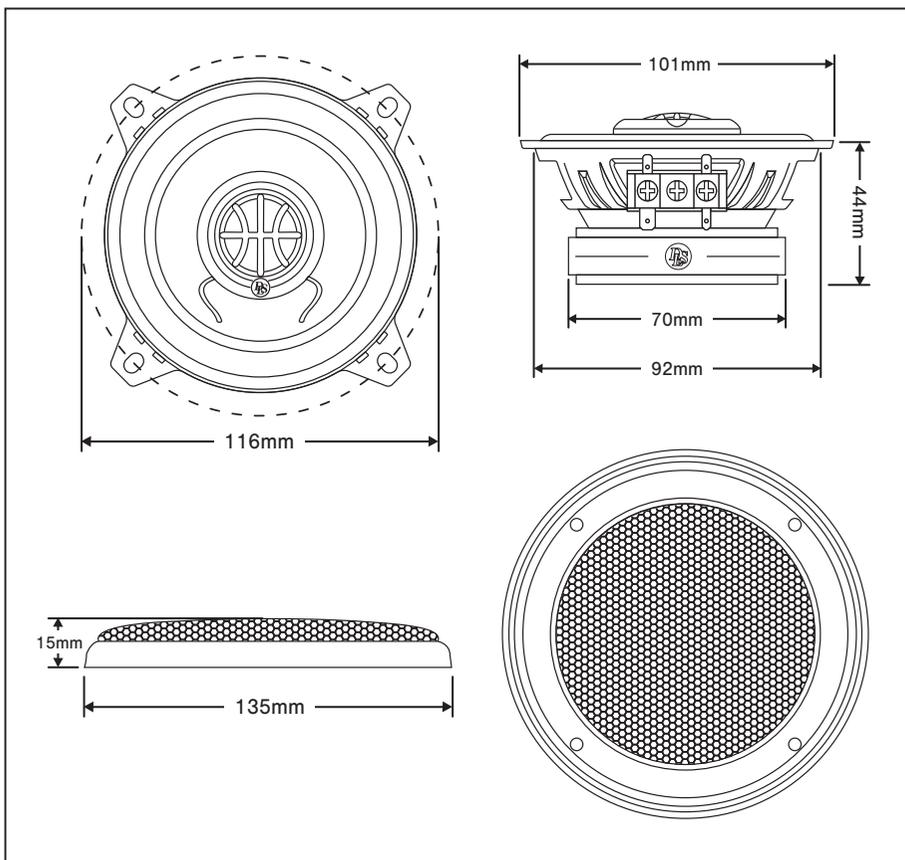




Specifications

Art. no	PA4	RMS Power	40W
Woofer	4" / 100mm	MAX Power	80W
Basket	Steel with protective sand paint	PEAK Power	120W
Magnet	High-grade Ferrite	Impedance	3 Ohm
Cone	Polypropylene	Sensitivity	87dB 1W/1m
Surround	Rubber	Freq. range	80Hz-20kHz
Terminal	Single gold plated		
Tweeter	0.51" / 13mm		
Frame	ABS		
Magnet	Neodymium		
Cone	Mylar		
Crossover	6dB inline		

Dimensions





Product markings



The crossed-out wheeie 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 complies 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.



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