

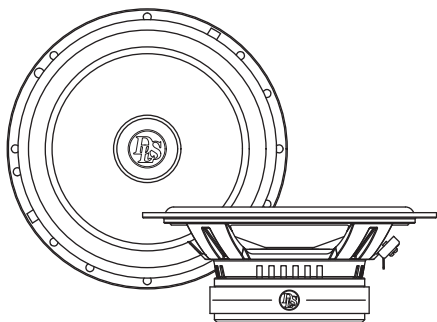
# CRPP-UW64

User manual

Universal 4 ohm woofer



CRUISE



### Welcome to DLS!

Thank you for buying a DLS Cruise CRPP-UW64. 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 process. If you feel the slightest uncertainty, feel free to take the help of an experienced installer or a car audio dealer.

### Warranty

This 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 Cruise 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-UW62

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**Designed & Sound tuned in Sweden.**



# Included parts

## Included products:

2pcs Woofers

## Included in box:

8pcs M4 screws

4pcs Fork terminals

4pcs Flat pin connectors

1pc PRY tool

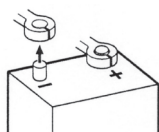
1pc Manual

# 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.



# Installation

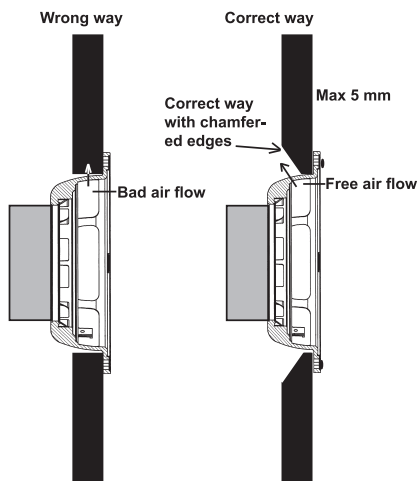
## General installation

Mount the speakers in the 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. 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.

## Custom baffle installation

It is very important that the custom baffle are stable and fasten properly, but it is just as important that it's shaped in a way that the driver is allowed to "breathe" correctly. Bass reproduction will be enhanced when the air flow is free and not obstructed.



## Speaker connection

Make sure you connect the cables with correct polarity on the speaker terminals. Observe the markings and size differences on the connectors.

### Speaker phasing

To be sure that the CRPP-UW64 woofer are using the correct polarity (phase) after installation, it is possible to check this easily by using a 1.5 volt battery.

Connect the battery's positive and negative pole to the speaker cable. If the speaker is correctly connected the cone should move outwards. This need to be tested on all left/ right pairs to make sure all drivers are in phase with each other.

### Note!

Don't use this testing method on tweeters or other low excursion drivers without a correct connected high pass crossover.

## Crossover settings

DLS recommend using active crossover settings for the UW64 speaker to get increased power handling and durability.

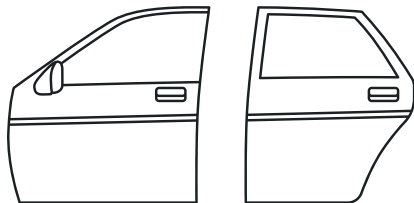
High pass filter: 60-100 Hz

Low pass filter: 3500-5000Hz

## Door insulation

DLS recommends using insulation and/or 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.



## Running-in time

Allow the tweeters to play for at least 15-20 hours in order to perform at its possibly best. This run-in can be made with tone sweep or with just music.

Start at a moderate volume and increase the volume step by step during the running in period. After the 15-20 hour run in session the performance and characteristics will be in the correct condition.

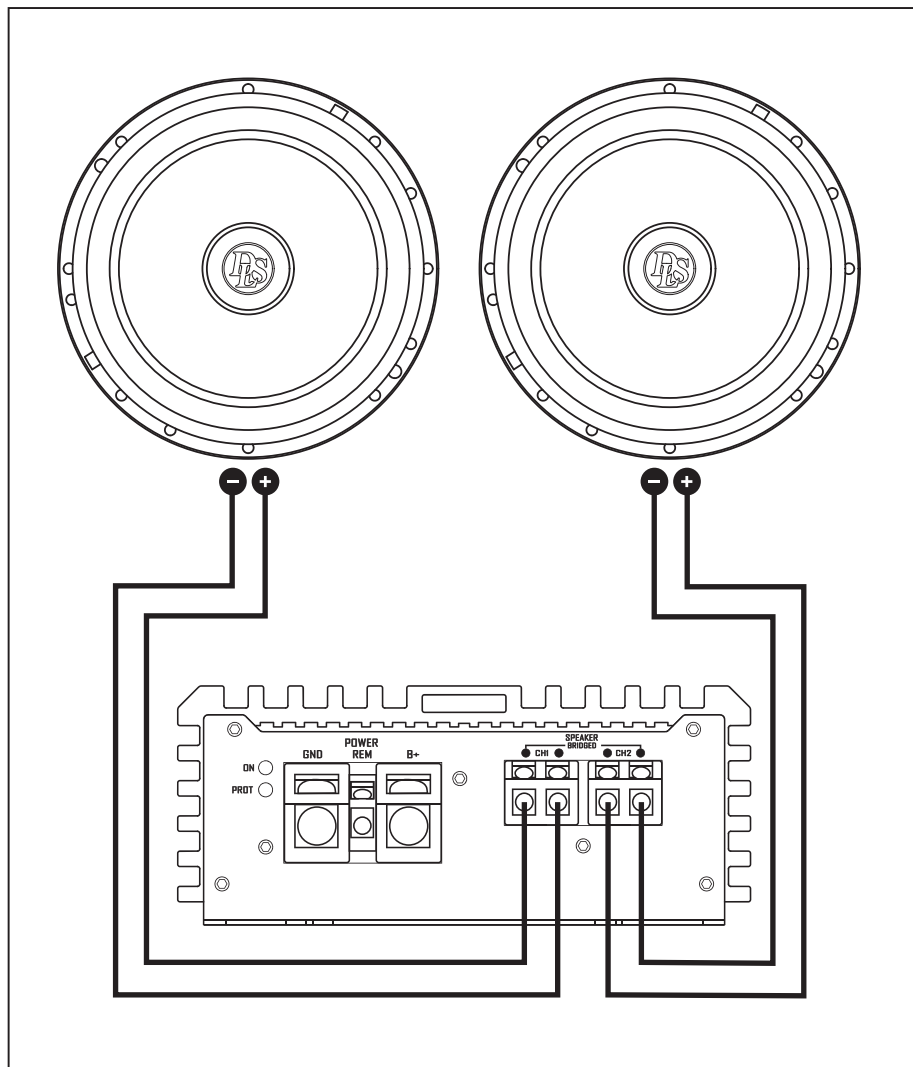


## DLS support

For technical assistance, ask your car audio dealer where the product was sold or the distributor in your country. You can always contact DLS Helpdesk in Sweden at e-mail: [info@dls.se](mailto:info@dls.se). Information can also be found on our WEB-site [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.



# Wiring diagram





# Specifications

## Art. no CD-CRPP-UW64

Woofer	6.5" / 165mm
RMS Power	100W
MAX Power	200W
Impedance	4 Ohm
Sensitivity	86.8dB 1W/1M
Freq. range	55-5000Hz

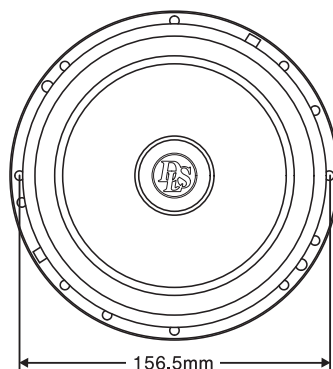
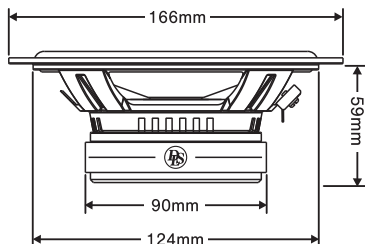
## Electro-Acoustic Parameters

Re	3.2 Ohm
Fs	63.2Hz
Mms	15.8gr
Cms	0.399
Vas	10.9L
Qts	0.66
Qes	0.89
Qms	2.512
Bl	4.74T.m
SPL	86.8dB 1W/1M
Sd	139cm <sup>2</sup>

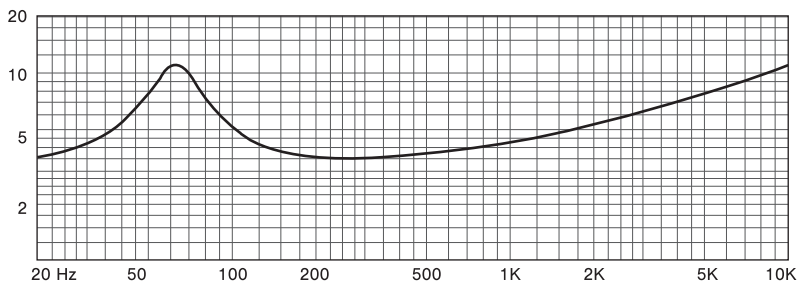
## Technical specifications

Voice coil size	1" / 25mm
Voice coil material	Copper voice coil / Kapton® former
Basket	Euro-DIN ventilated reinforced steel frame
Magnet	High grade ferrite / Ventilated back plate
Cone	Laminated glass fibre cone
Dust cap	Santoprene® rubber dust cap
Spider	Nomex® with woven tinsel leads
Terminal	Twin terminal

## Dimensions



## Impedance VS Frequency





# 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 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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