



DLS ULTIMATE SPEAKERS OWNERS MANUAL

UPI6
2-way kit
6,5" / 16,5 cm

Welcome

Thank you for buying a DLS speaker. This model is a part of DLS Ultimate speaker line.

Install the speakers yourself if you feel confident with our instructions and if you have the proper tools. A poor installation job can destroy the final result even from these speakers, so if you feel unsure, turn over the installation job to someone better suited to it.

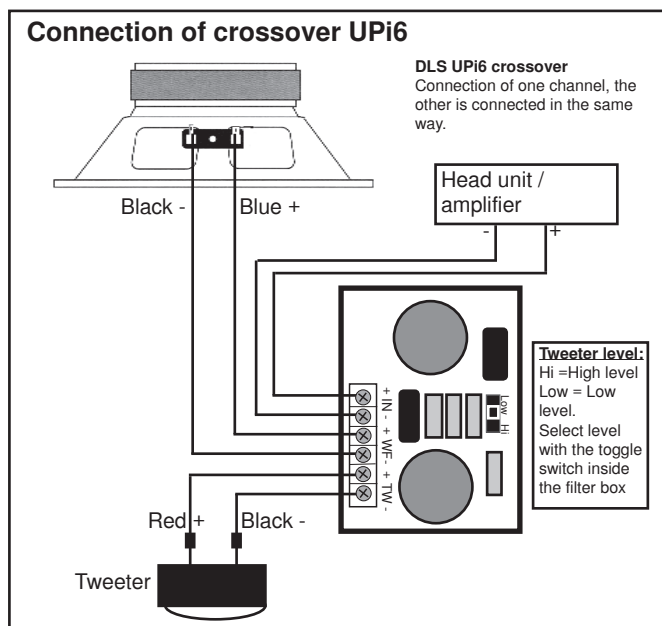
Installation

Mount the speakers in the door or in the dashboard of your car. Normally they will fit in the factory pre-made mounting holes. If you want an improved sound reinforce with a baffle of MDF-board or similar. An installation high up on the door side is to be preferred.

In many vehicles there are factory made places for tweeters that you can use for installation. If this is impossible, try to install the tweeter close to the bass/mid driver. The tweeter can also be installed on the dash-board, or recessed in the door with the accessories coming with the tweeters.

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

Connect the speakers to the crossovers as in this drawing:



Technical Assistance

For technical assistance ask the shop where the product was sold or the distributor in your country.

You can also send an e-mail to info@dls.se

Information can also be found on our web-site www.dls.se

We follow a policy of continuous advancement in development.

For this reason all or part of specifications & designs may be changed without prior notice.



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Installation of tweeter RC28

RC28 can be mounted on the dash-board with the angled cup (1) cup, or recessed in a door side.

Surface mounting:

For angled surface mount use the angled cup:

The tweeter driver is attached to the cup by fitting the three wings on the angled cup into the tracks of the tweeter driver and then turn it clockwise to lock. When removing the driver from the cup, turn it ccw and lift it up. The cable goes through the hole in the rear side of the cup.

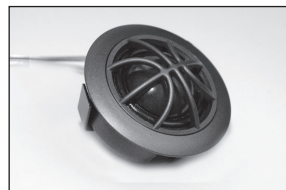
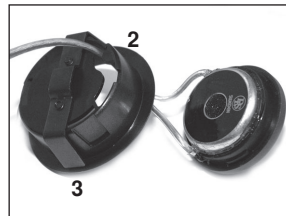


Recessed mounting:

Drill a hole with a diameter of 48 mm / 1,89" in the door side.

The cup (2) is attached to the door side with the metal wing (3) pressed to the back side of the door. Fasten the metal wing using the two M3 screws.

Put the tweeter driver (1) into the cup with the cable going out through the bottom hole. Then attach the driver into the cup and turn it clockwise to lock in the cup. When removing the driver from the cup, turn it ccw and lift it out.



Technical data RC28 tweeter

Size	28 mm / 1,1"
Nom. power handling (RMS)	50 Watt, 80 Watt max
Frequency response	1,5 kHz-25 kHz
Sensitivity	93 dB
Magnet diameter	35 mm / 1,38" neodymium magnet
Mounting depth	20 mm / 0,8" (recessed install)
Mounting hole	48 mm / 1,9" (recessed install)
Cone material	Textile fibre

Technical data bass driver

	DLS UPI6
Impedance	4 ohm
Nom. power RMS	120 W
Max / peak power	200 W / 300 W
Cone material	Aluminium cone
Woofer size	6,5"(16,5 cm)
Magnet size	58 mm/2,28"
Sensitivity	84,2 dB
Fs / Qts / Vas	58,4 Hz / 0,84 / 9,3 liter
Mounting depth	60 mm/2,36"
Mounting hole	145 mm / 5,7"

Warranty service

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 (or a copy) with the product.