



# **DLS REFERENCE SPEAKERS OWNERS MANUAL**

## **RC50 wide band tweeter**

### **Welcome**

Thank you for buying a DLS speaker. This model is a part of DLS Reference 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**

The wide band tweeter should be installed on the dashboard or in the A-pillar directed on-axis towards the listener. Use the rear cup (chamber) for both installation alternatives.

### **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](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 & designs may be changed without prior notice.

### **Installation of RC50**

- Install on the dashboard or A-pillar directed on axis.
- To be used in active mode.
- When connected in active mode use High Pass X-over set between 800 - 1500 Hz /18 dB slope, and Low Pass x-over set to 18 kHz / 6 dB slope
- Connect with a good amplifier like DLS CC series or better.

### **Technical data RC50 wide band tweeter**

|                    |                                  |
|--------------------|----------------------------------|
| Art.no. for driver | 8-23050                          |
| Impedance          | 4 ohm                            |
| Size               | 50 mm / 2"                       |
| Nom. power (RMS)   | 50 Watt, 80 Watt max             |
| Fs                 | 155 Hz                           |
| Frequency response | 500 Hz - 22 kHz                  |
| Rec. freq. use     | 1500 kHz - 22 kHz                |
| Sensitivity        | 83,2 dB                          |
| Magnet diameter    | 32 mm / 1,26"                    |
| Outer diameter     | 84 mm / 3,3"                     |
| Mounting depth     | 45 mm / 1,77" (with chamber)     |
| Mounting depth     | 37 mm / 1,46" (w/o chamber)      |
| Mounting hole      | 65 mm / 2,56" (recessed install) |
| Cone material      | Fibre glass                      |

### **DLS Svenska AB**

P.O Box 13029  
SE-40251 Gothenburg  
Tel: +31840060  
Fax: +31844021  
E-mail: [info@dls.se](mailto:info@dls.se)  
[www.dls.se](http://www.dls.se)



### **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.