

DLS COMPETITION GRADE SPEAKERS SCANDINAVIA 30, 75, 165, 165Wi INSTALLATION TIPS

DLS SCANDINAVIA 30 COMPETITION GRADE TWEETER

- Please install very firmly on-axis or semi on-axis.
- Use HP crossover point above 3000 Hz.
- Optimum HP crossover points are above 4000 Hz
- Use a high grade Head Unit and amplifier like DLS CCi or better.
- For optimum performance do not install the Scandinavia 30 behind cars original speaker grills.

DLS SCANDINAVIA 75 COMPETITION GRADE MIDRANGE

- Please install very firmly in a sealed box of minimum 1 litre (0,0035 cuft) and maximum 4 litres (0,141 cuft).
- Use a HP crossover point above 180 Hz, and a LP crossover point below 6000 Hz.
- Use a high grade Head Unit and amplifier like DLS CCi or better.

DLS SCANDINAVIA 165 COMPETITION GRADE BASS MID-RANGE WOOFER

- Please install very firmly in a well dampened door / door panel.
- Optimum crossover points are LP: 50 60 Hz, HP: 3000 4000 Hz
- It is optimized foor door panel installs but can be installed in sealed boxes of 9 litres (0,31 cuft) as well.
- Use a high grade Head Unit and amplifier like DLS CCi or better.

DLS SCANDINAVIA 165Wi COMPETITION GRADE BASS MID-BASS WOOFER

- Optimized for sealed box 7-9 litres (0,25-0,32 cuft)
- -Can be used in "free air" door panel installs (use a stiff baffle well fixed to the door bodywork).
- Use HP crossover point between 50 60 Hz and LP crossover point between 180 300 Hz
- Use a high grade Head Unit and amplifier like DLS CCi or better

DLS SCANDINAVIA 2-WAY CROSSOVER

- For passive use with Scandinavia 30 and Scandinavia 165

BREAK-IN PERIOD

Allow the speakers to play at normal volume for at least 15-20 hours. After this time the performance is correct.

TECHNICAL ASSISTANCE

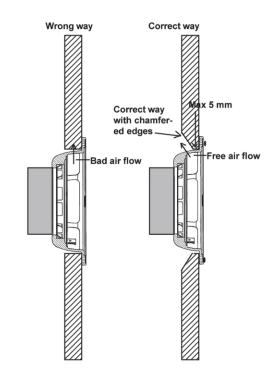
For technical assistance ask the shop where the product was sold or the distributor in your country. You can also send an e-mail to info@dls.se Information can also be found on our web-site www.dls.se We follow a policy of continuous advancement in development. For this reason all or part of specifications & designs may be changed without prior

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.

BAFFLE INSTALLATIONS

It is very important that the baffle is stable, but it is just as important that it is shaped in a way that allows the driver to "breath" backwards, otherwise there will be a lack in the drivers bass reproduction.



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notice.



SPECIFICATIONS

Specifications Scandinavia 30

CD-SCAND-30 EAN Bar code 7331644824107

Size 30 mm Impedance 4 ohm Rec. amp. power (RMS) 50 - 200 W 1 KHz - 30 kHz Freq. range Cone material Textile Outer diameter 68 mm / 2,67" 18 mm / 0,75" Mounting depth Sensitivity 92,2 dB 750 Hz



Specifications Scandinavia 75

CD-SCAND-75 EAN Bar code 7331644824602

Size 75 mm Impedance 4 ohm Rec. amp. power (RMS) 50 - 200 W

Freq. range 100 Hz - 10 kHz (in axis) +- 3 dB

Cone material Polypropylene

84 x 84 mm / 3,31 x 3,31" Outer diameter

Mounting depth 38 mm / 1.5" 86 dB Sensitivity 98 Hz Rec. HP x-over above 180 Hz

Rec. LP X-over below 6 kHz



Specifications Scandinavia 165

CD-SCAND-165 EAN Bar code 7331644824701

165 mm Size 4 ohm Impedance Rec. amp. power (RMS) 50 - 200 W 50 Hz - 4,5 kHz Freq. range Fibre glass Cone material 165 mm / 6.5" Outer diameter Mounting depth 65 mm / 2,56' 91,9 dB / 2,83V Sensitivity Fs / Qts / Vas 61 Hz / 0,54 / 10,2 Rec. HP x-over 50 - 60 Hz Rec. LP X-over 3 - 4 kHz

Optimized for door panel mount but can also be used in sealed boxes 9 litre (0,31 cu ft)



Specifications Scandinavia 165Wi

CD-SCAND-165Wi Art.no. EAN Bar code 7331644824817

165 mm Size 4 ohm Impedance 50 - 200 W Rec. amp. power (RMS) Freq. range 30 Hz - 500 Hz Cone material Aluminium Outer diameter 165 mm / 6.5" Mounting depth 65 mm / 2,56" Sensitivity 84,3 dB

Fs / Qts / Vas 52,4 Hz / 0,64 / 9,5 Rec. HP x-over 50 - 60 Hz Rec. LP X-over 180 - 300 Hz

Recommended sealed box 7 - 9 litres



