

DE 300 SUB In-Wall / In-Ceiling Subwoofer

Description

Compact, built-in subwoofer for wall and ceiling installation. The DE 300 SUB is designed to be installed with our EG 300 and EGB 300 back boxes. This compact model has a linear frequency range of 40 Hz – 250 Hz thanks to its precise balance and integrated low-pass filter.

Because it is integrated into an enclosed back box (EG 300 or EGB 300), rearward generated sound and ceiling vibration are kept to a minimum.

The DE 300 SUB is used to enhance low-frequency characteristics in in-ceiling sound systems or as a subwoofer in surround systems in conjunction with our PA 2100 SD compact amplifier.

The DE 300 SUB comprises three parts (assembly frame, speaker unit with internal crossover and front grille) and is installed from the front through the installation opening.



Special Features

- In-wall/ in-ceiling subwoofer
- Small dimensions and installation depth
- 2 × 6.5" long excursion driver
- 240 watts power capacity
- Standard finish: white or stainless steel
- Moisture proof

Fields of Application

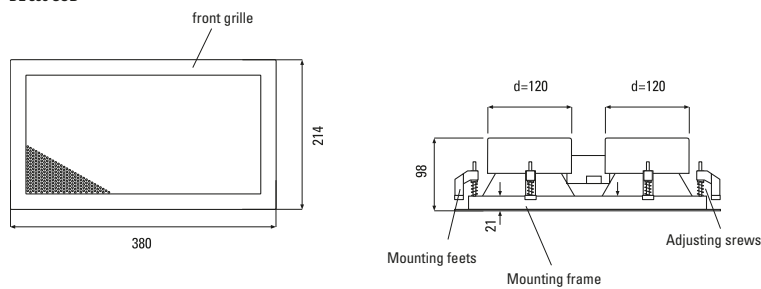
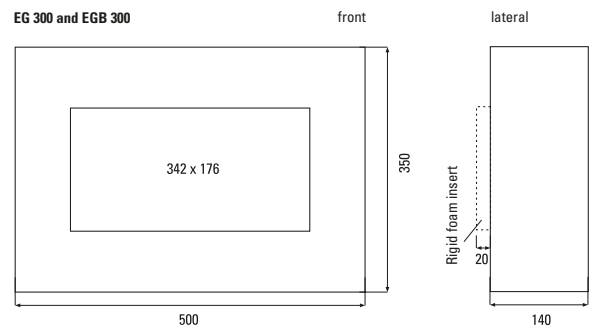
- Conference rooms
- Gastronomy, hotels
- Home audio
- Shops, sales rooms
- Surround systems

Only for use with our back boxes EG 300 or EGB 300!

DE 300 SUB

In-Wall / In-Ceiling Subwoofer

Dimensions

DE 300 SUB

EG 300 and EGB 300


Technical Data

Principle	Subwoofer with internal low-pass filter. For use with back box (EG 300 or EGB 300)
Components	2 × 6.5" long excursion driver
Frequency range	40 Hz – 250 Hz
Power capacity	RMS 120 watts, program 240 watts
Sensitivity	83 dB SPL (1 W@ 1 m), half-space (flush-mounted)
Maximum SPL	107 dB @ 1 m
Nominal dispersion	180°
Dimensions	380 × 214 mm
Cutout size	342 × 176 mm
Installation depth	98 mm
Wall / ceiling thickness	6–30 mm
Weight	4.2 kg
Connectors	Screw type terminals, pluggable
Warranty	5 years

Model

Version

DE 300 SUB White	RAL 9016
DE 300 SUB Stainless Steel	1.4301, brushed

Other colours and versions on request

Accessories

EG 300


Back box
Dim.: 500 × 350 × 140 mm

EGB 300

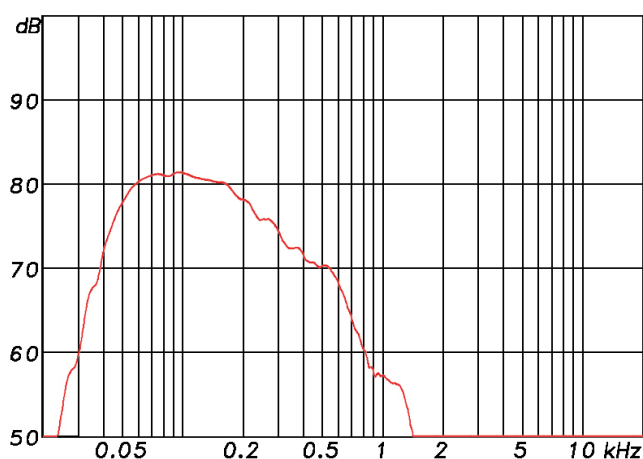

Back box for concrete
Dim.: 500 × 350 × 140 mm

DE-X-Tool


Magnetic holder for effortless insertion
and removal from DE 300 front grille

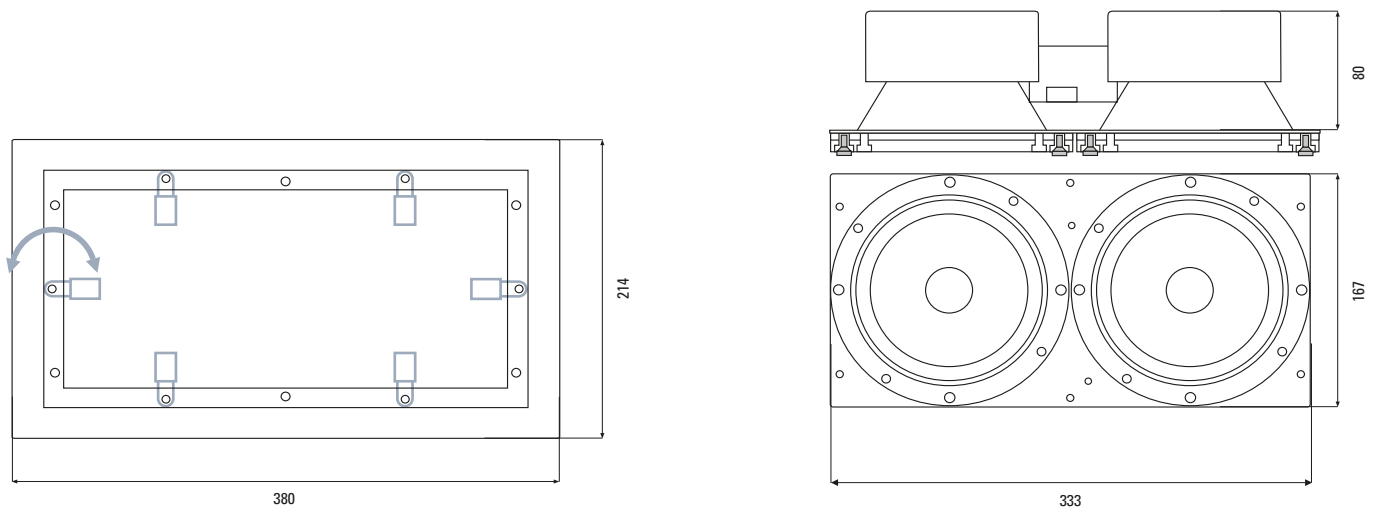
Measuring diagram

DE 300 SUB Sens. 2,83 V/1m: 90 dB 44 - 300 Hz (-6 dB) half space

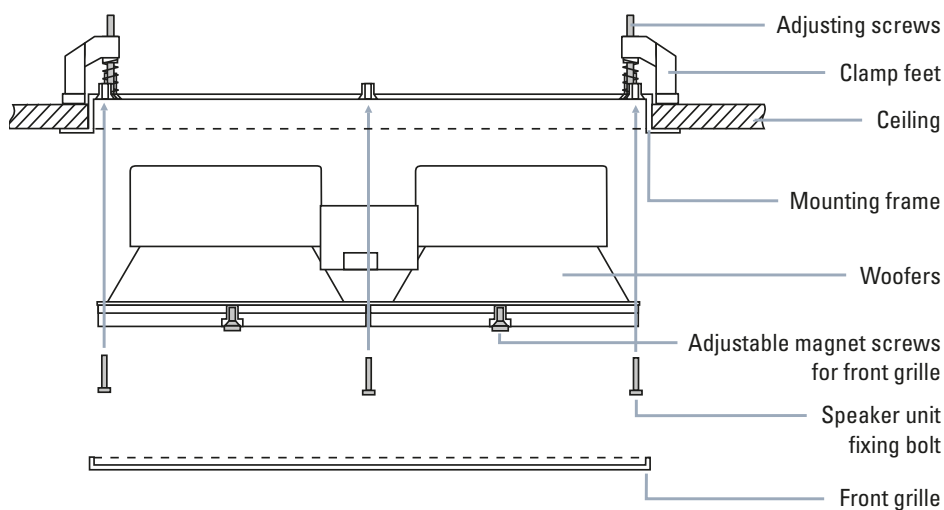


DE 300 SUB In-Wall / In-Ceiling Subwoofer

Assembly frame with swiveling mounting feet



Installation (In-Ceiling)



Installation steps:

1. Slice cutout size in drywall surface
(in massive walls / ceilings insert back box from EG Series)
2. Implement mounting frame with clamp feet, swivel clamp feet outwards
3. Tighten adjustable screws till frame is fixed
4. Connect and install speaker unit
5. Install front grille and if necessary readjust variable magnetic screws