



## DE 300 CDR In-Wall Speaker with Defined Dispersion Angle

### Description

The DE 300 CDR high-end built-in speaker has been developed as a front speaker (L, R, center) for wall installation in home audio systems and media spaces.

The sophisticated three-way system has a dispersion angle of 80°. Due to the targeted dispersion, the DE 300 CDR can reproduce speech very clearly even in rooms with long reverberation times.

Thanks to a precise balance and highly linear frequency response, natural reproduction of sound is possible even at high levels.

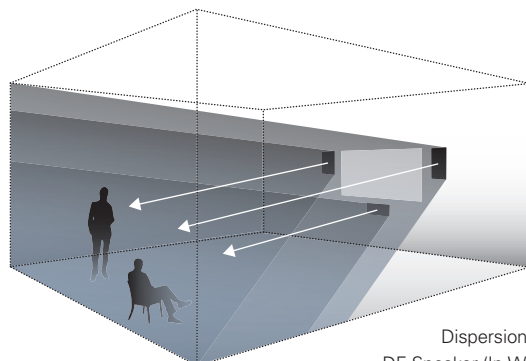
The DE 300 CDR is comprised of three parts. First, the elegant installation frame is mounted in the ceiling or wall. The speaker unit and the magnetic front grille are then installed. This enables reliable installation and retrofitting, even for complicated installation scenarios.

### Special Features

- 3-way system with CD characteristic
- 80° dispersion
- High speech intelligibility
- 6.5" woofer + 6.5" low-mid woofer + 1" tweeter waveguide
- 240 watts power capacity, 4 ohms
- Very linear frequency response
- Standard finish: white or black
- Moisture proof

### Fields of Application

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



Dispersion characteristic  
DE-Speaker (In-Wall Installation)

## DE 300 CDR In-Wall Speaker with Defined Dispersion Angle

### Technical Data

Principle	3-way in-wall speaker with defined dispersion angle and CD characteristic
Components	6.5" woofer + 6.5" low-mid woofer + 1" tweeter waveguide
Frequency range	52 Hz – 21 kHz
Impedance	4 ohms
Power capacity	120 watts RMS, 240 watts program
Sensitivity	89 dB SPL (1W@1 m), half-space (flush-mounted)
Maximum SPL	112 dB @ 1 m
Nominal dispersion	80°
Dimensions	358 × 192 mm
Cutout size	342 × 176 mm
Wall thickness	8 ... 30 mm
Installation depth	100 mm
Material	Precision steel assembly frame and grille, powder-coated
Weight	3.8 kg
Connectors	Screw type terminals, pluggable
Warranty	5 years

Model	Order No.	Version
DE 300 CDR White	0105-0003	RAL 9016
DE 300 CDR Black	0105-0010	RAL 9005

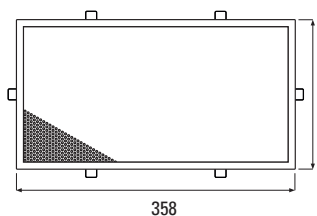
Other colours and versions on request.



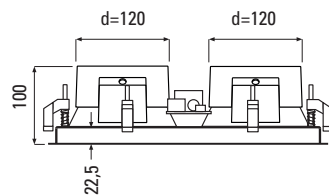
DE 300 CDR without grille

### Dimensions

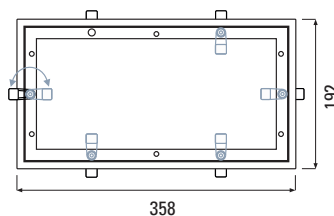
#### DE 300 CDR Polar



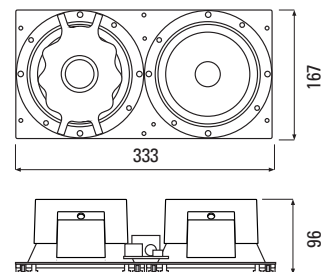
#### Side View






#### Assembly Frame



#### Speaker Unit



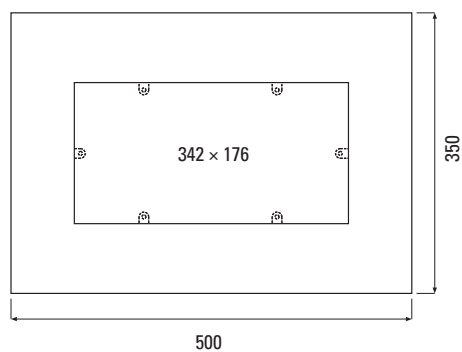
## DE 300 CDR In-Wall Speaker with Defined Dispersion Angle

Back Boxes	Order No.	Version
	<b>EG 300</b> 2205-0001	Back box for DE 300 R Polar, DE 300 CDR and DE 300 SUB Plastic, Dim.: 500 × 350 × 140 mm
	<b>EGB 300</b> 2211-0001	Back box for concrete for DE 300 R Polar, DE 300 CDR and DE 300 SUB, Plastic, Dim.: 500 × 350 × 168 mm (incl. PVC rigid foam)
	<b>DE-X Tool</b> 0360-0001	Magnetic holder for effortless insertion and removal of front grille

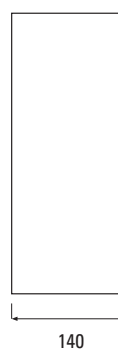
### Dimensions

#### EG 300

Front

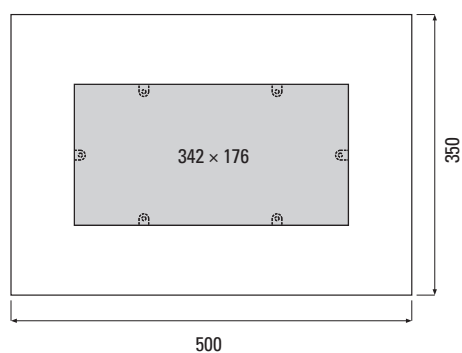


Side

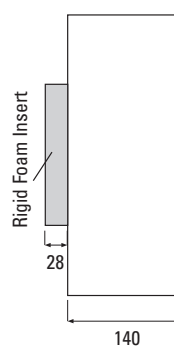


#### EGB 300

Front



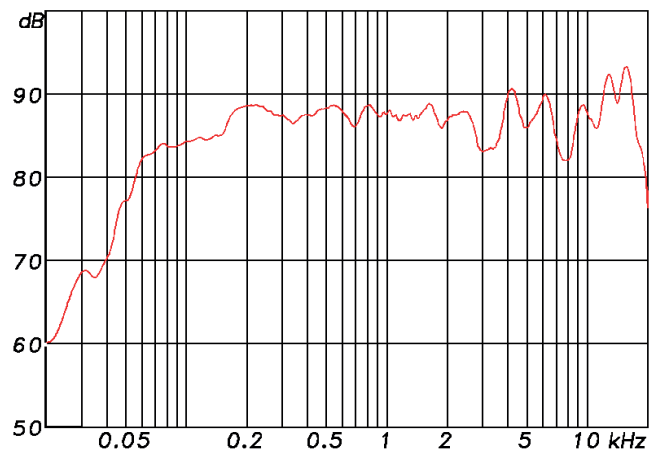
Side



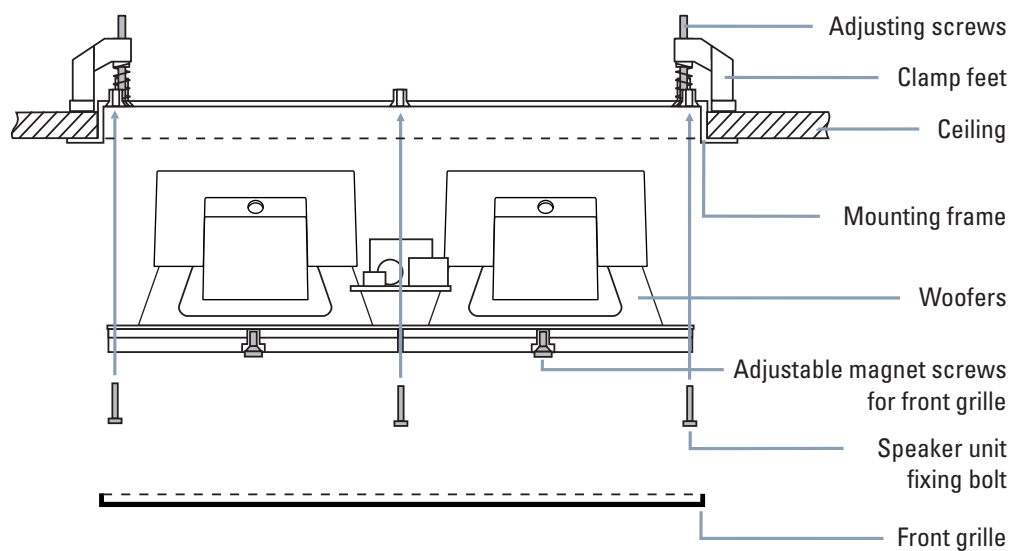
## DE 300 CDR In-Wall Speaker with Defined Dispersion Angle

### Measuring Diagram

DE 300 CDR Sens. 2,83 V/1m: 89 dB 52 - 20000 Hz (-6 dB) half space



### Assembly (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.