

## DE Plan 400 Invisible Speaker

DEplan®

### Description

The DE Plan 400 is a powerful, 2-way flat transducer which, once installed, remains completely invisible in walls or ceilings. The patented design concept of the DE Plan series enables the flat membrane to be homogeneously deflected. As a result, the DE Plan 400 has a very wide frequency range and excellent low frequency sound.

de:shape®: the membrane of the DE Plan 400 has an optimized contour with a calculated distribution of distance between the edge and the high frequency driver (patent pending). This results in unprecedented audio performance and extremely accurate sound reproduction.

Sophisticated crossover tuning means the DE Plan 400 gives a warm, clear sound and enables high-quality music and speech reproduction. As such, the DE Plan 400 is ideal for home audio systems, media rooms and the gastronomy sector. A wide dispersion angle of 180° means that sound is distributed homogeneously throughout the room with just a few speakers.

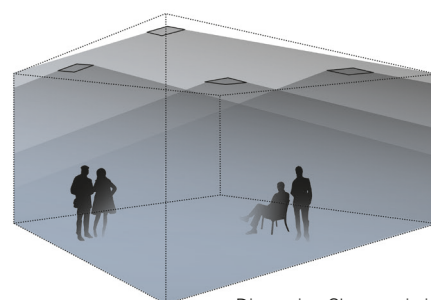
The DE Plan 400 is mounted facing outwards in hollow non-concrete walls and ceilings. It can also be installed in solid walls and concrete ceilings using an EGB Plan 400 back box. First, the speaker is mounted, then the glass fiber lining included with the package is placed around the membrane and the area can then be plastered and painted.

### Key Features

- Invisible flat transducer
- 180° dispersion
- Very linear frequency response
- Small mounting dimensions: 420 × 300 mm
- 2 × 4" woofers + 1" high frequency driver
- 160 watts power capacity
- 8 ohms or 100 V versions

### Fields of Application

- Exhibitions, trade fairs
- Gastronomy, hotels
- Home audio
- Museums
- Media rooms
- Shops, sales rooms
- Surround systems

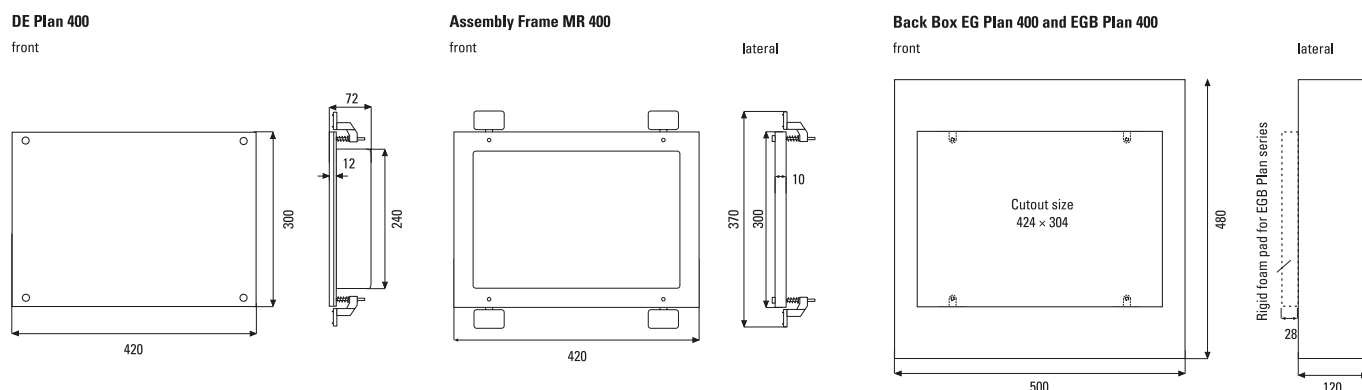


Dispersion Characteristic  
DE Plan 400 Speaker  
(In-Ceiling Installation)

# DE Plan 400

## Invisible Speaker

### Dimensions



### Technical Data


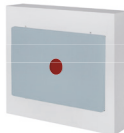
Principle	2-way flat transducer
Components	2 x 4" woofers + 1" high frequency driver
Frequency range	46 Hz – 20 kHz (2 x paint-coated)
Impedance	8 ohms
Power capacity	80 watts RMS, 160 watts program
Sensitivity	82 db (1 W@1 m), half-space (flush-mounted)
Maximum SPL	104 dB @ 1 m 100 V Version: 100 dB @ 1 m
Nominal dispersion (H x V)	180° conical (- 6 dB)
Dimensions	420 x 300 x 72 mm incl. mounting feet: 420 x 370 mm
Cutout size	424 x 304 mm
Wall /ceiling thickness	10 – 35 mm (incl. back box)
Installation depth	72 mm
Weight	3.9 kg
Connectors	Screw-type terminals, pluggable
Warranty	5 years

### Model

### Version

<b>DE Plan 400</b>	Complete incl. assembly frame, glass fiber fabric and adhesive
<b>DE Plan 400 T</b>	100 V version Power 15/30/60 watts

### Accessories

<b>EG Plan 400</b>		Back box Dim.: 500 x 480 x 120 mm
<b>EGB Plan 400</b>		Back box for concrete Dim.: 500 x 480 x 120 mm

### Spare Parts

<b>MR 400</b>		Assembly frame
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### Measuring Diagram

DE Plan 400 Sens. @ 2, 83V/1m

