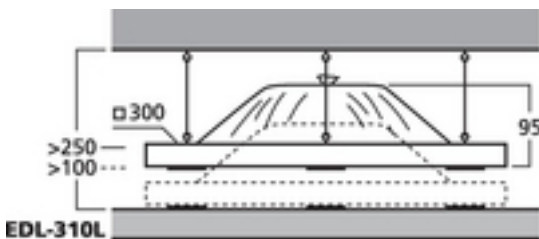
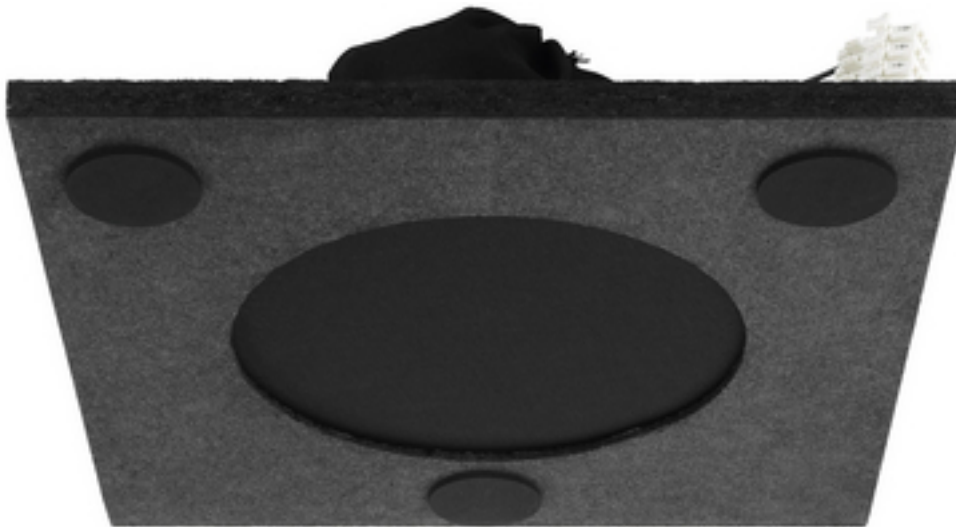


# EDL-310L - PA Ceiling Speaker

100V



## Special Speakers

which show completely new ways of invisible PA applications: the super dispersion ceiling speakers effectively utilise an open baffle technology for PA ceiling applications.

Super dispersion PA ceiling speaker

- 100 V transmission technology with 3 power taps up to 10 W
- High-quality full range speaker (20 cm) with an exceptionally good linearity, extensive bass reproduction and high efficiency
- For all suspended ceilings and for free suspension
- Easiest installation by simply resting the speaker on the ceiling grid or suspending it above the ceiling (to prevent rattling noise with lightweight ceilings)
- A very good sound with excellent stereophony with all suspended ceiling grids
- With most of the more soundproof ceilings, typical treble dampening can be compensated to a large extend by simply readjusting the treble control at the amplifier and background PA applications can be realised without any cutouts or visible speakers

- Dimensions: 300 mm x 300 mm, required clearance above the ceiling when resting the speaker directly on the grid: >10 cm, when suspending it above the ceiling: >25 cm
- The sound absorption plate is fitted with 3 foam rubber pads for resting the speaker on the grid and 3 predrilled holes for suspending it

## Technical data:

|   |   |
|---|---|
| Impedance (Z)                             | : -   |
| Transmission technology                   | : 100 V   |
| Frequency range                           | : 50-18,000 Hz  |
| Resonant frequency (fs)                   | : -   |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : -   |
| Power rating (RMS)                        | : 10/5/2.5 W  |
| Peak music power output (MAX)             | : -   |
| SPL                                       | : 98 dB/W/m   |
| Max. rated SPL                            | : -   |
| Max. voltage                              | : -   |
| Radiation angle                           | : -   |
| Radiation angle, horizontal               | : -   |
| Radiation angle, vertical                 | : -   |
| Suspension compl. (Cms)                   | : -   |
| Moving mass (Mms)                         | : -   |
| Mech. Q factor (Qms)                      | : -   |
| Electr. Q factor (Qes)                    | : -   |
| Total Q factor (Qts)                      | : -   |
| Equivalent volume (Vas)                   | : -   |
| DC resistance (Re)                        | : -   |
| Force factor (BxL)                        | : -   |
| Voice coil induct. (Le)                   | : -   |
| Voice coil diameter                       | : -   |
| Voice coil former                         | : -   |
| Linear excursion (X <sub>MAX</sub> )      | : -   |
| Eff. cone area (Sd)                       | : -   |
| Magnet weight                             | : -   |
| Magnet diameter                           | : -   |
| Mounting cutout                           | : not applicable, as the speaker will be placed on ceiling panels |
| Mounting depth                            | : -   |
| Mounting hole diameter                    | : -   |
| Hole spacing X-axis                       | : -   |
| Hole spacing Y-axis                       | : -   |
| Dimensions                                | : 300 x 300 x 95 mm   |
| Outside diameter                          | : -   |



|                                |                        |
|--------------------------------|------------------------|
| Width                          | : 300 mm               |
| Height                         | : 300 mm               |
| Depth                          | : 95 mm                |
| Colour                         | : black                |
| Protective class               | : -                    |
| Admiss. ambient temp.          | : 0-40 °C              |
| Weight                         | : 1.535 kg             |
| Packing unit                   | : 1                    |
| Type of speaker                | : 200                  |
| Packing dimensions (W x H x L) | : 0.31 x 0.12 x 0.31 m |
| Gross weight                   | : 1.762 kg             |
| Net weight                     | : 1.535 kg             |
| 100 V                          | : 1                    |