

DP 4EN

UNIDIRECTIONAL SOUND PROJECTOR



DESCRIPTION

DP 4EN is a 10 W sound projector in compliance with EN 54-24:2008.

It is elegant and suitable for sound distribution in very large and noisy environments (e.g. railway stations, underground, car parks, factories, warehouses, shopping centres, etc.).

It has a cylindrical plastic body with a U-bracket support for the installation and includes:

- a dual cone loudspeaker (externally protected by a grille).
- a transformer for 100 V (/ 70 V) constant voltage lines, with the possibility to set the power during the installation.

It has a ceramic terminal strip (inside its rear panel) to connect in / out cables. Its thermal fuse prevents damages to the audio line due to excessive speaker heat.

MAIN APPLICATIONS

- Voice evacuation system
- Schools
- Shopping malls
- Hospital
- Museums
- Hotels
- Office building

MAIN FEATURES

- 5" full range speaker for alarm voice messages broadcasting and high quality background music
- ABS cabinet with aluminum grille.
- It can be installed both indoors and outdoors (IP 55 protection grade).
- Equipped with transformer for 100 V (/ 70 V) constant voltage lines.
- Internal power setting.
- Ceramic terminal strip for connection.
- Internal thermal fuse.
- Color: Grey RAL 7035.

SPECIFICATIONS

Input:	100 V (/ 70 V) constant voltage
Nominal power:	10 W – 5 W – 2.5 W (100 V)
Input impedance:	1 k Ω – 2 k Ω – 4 k Ω
Transducer:	4" dual-cone
Frequency response:	180 Hz ÷ 16 kHz
Sensitivity:	91 dB (1 W, 1 m), 79 dB (1 W, 4m)
Max. sound pressure level:	101 dB (10 W, 1 m), 89 dB (10 W, 4 m)
Coverage angle:	210° (1 kHz), 130° (2 kHz)
Body material:	ABS
Grille material:	powder coated aluminium
IP code:	IP 55
Colour:	light grey
Connector:	ceramic screw terminal
Dimensions:	ø 137 mm x 215 mm
Net weight:	1.3 kg

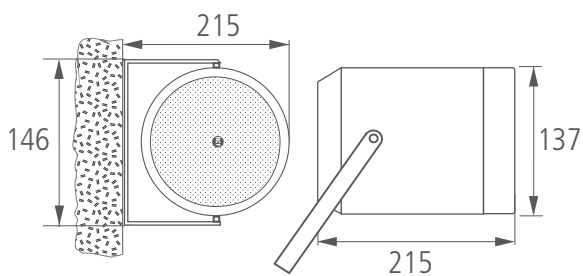


DP 4EN

PART NUMBER

131.00.021

DIMENSIONS (All data are in mm)



INSTALLATION NOTES

Make sure that speaker is installed in a stable and secure way in order to avoid any conditions that may be dangerous for persons or structures. Ensure the support surface (walls, ceilings, etc.) has the necessary mechanical characteristics to support the speaker weight.

Before installing speakers, carefully check all components to be used and make sure there is no damage, deformation, corrosion and/or missing or damaged parts that could reduce the safety of the installation.

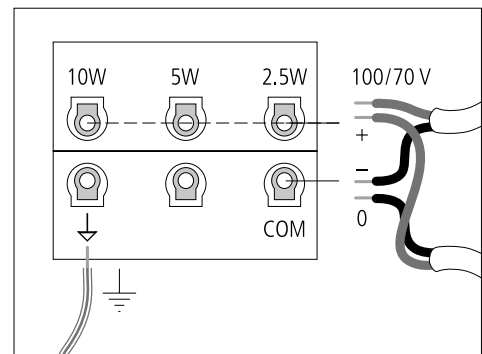
POWER SELECTION

Connections with the audio line are made by using the internal ceramic terminal strip on the rear side (the back cover needs to be removed by unscrewing its two screws).

The terminal strip allows to connect both input and output cables (to link other speakers in parallel).

Applicable wire section: from 1 mm² to 4 mm².

1. Insert cables through the two rear cable guides.
2. Connect the line positive wire to only one speaker input among 10W – 5W – 2.5W (choose according to the desired power).
3. Connect the line negative wire to the speaker COM input.
4. If necessary, connect in the same way the output cable to link other speakers in parallel.
5. Connect the earth wire to its respective contact (indicated on the ceramic terminal strip).



CERTIFICATIONS AND APPROVALS

EN 54-24:2008 compliant.