



PANASONIC

Panasonic ABT-LA30 line array loudspeaker

Product code ABT-LA30 · Voice alarm systems > Loudspeakers

30 W line array loudspeaker for indoor and outdoor spaces with a long reverberation time. Aluminium body, IP65. EN 54-24.

- Approved to EN 54-24, CPR 1438-CPR-0574
- Narrow vertical beam: the sound is aimed at the listening area
- Two loudspeakers can be combined into one unit
- Aluminium body, IP65, operating temperature $-25...+70\text{ }^{\circ}\text{C}$



Product description

ABT-LA30 is a 30 W line array loudspeaker. Thanks to the line array design, the sound has a longer reach than with ordinary loudspeakers. The sound level is distributed evenly over the coverage area. The loudspeaker directs the sound precisely in the vertical plane, so the sound is aimed at the listening area rather than at the ceiling or floor. According to PAP's datasheet, the loudspeakers are intended primarily for spaces with a long reverberation time.

Two loudspeakers can be combined mechanically and electrically into one unit that operates with higher power and reach. The coupling angle (-15° / $+15^{\circ}$) allows the two sound beams to be directed at different areas.

The housing is made of aluminium and the mounting brackets of steel. The loudspeaker can be used both outdoors and indoors. The power is selected with the transformer tap: on a 100 V line, 30, 15, 7.5 or 3.8 W.

Technical data

Product code	ABT-LA30
Manufacturer	Panasonic
Product group	Voice alarm systems > Loudspeakers
Rated power	30 W (max. 48 W)
Power taps (100 V)	30 / 15 / 7.5 / 3.8 W
Power taps (70 V)	15 / 7.5 / 3.8 / 1.9 W
Transformer impedance (100 V)	333.3 / 666.6 / 1,333.3 / 2,631.5 Ω
Driver impedance	12 Ω
Frequency range	141–20,000 Hz
Sensitivity (1 W, 4 m)	77 dB
Sound pressure level (1 W, 1 m)	93 dB
Sound pressure level (rated power, 1 m)	105 dB

Dispersion angle	Horizontal 360° / 220° / 185° / 120°, vertical 250° / 75° / 35° / 15° (500 Hz / 1 kHz / 2 kHz / 4 kHz)
EN 54 approval	EN 54-24
CPR	1438-CPR-0574
Environmental class	Type B, IP33C (EN 54-24)
IP rating	IP65
Impact resistance	IK07
Operating temperature	-25...+70 °C
Humidity	Below 95%
Dimensions	510 × 80 × 110 mm (H × W × D)
Weight	3.1 kg
Colour	Silver (RAL 9006)
Material	Aluminium
Mounting	Steel mounting brackets
Standards	BS 5839-8 (thermal protection)
DC line monitoring	Capacitor version

Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

Datasheet: ABT-LA30 and ABT-LA60 line array loudspeakers

Datasheet: ABT-LA30 and ABT-LA60 (Ambient System)

Installation guide: ABT-LA30 and ABT-LA60

CPR certificate: 1438-CPR-0574

Declaration of performance (DoP): ABT-LA30

Product catalogue (series): PAVA voice alarm system

EU declaration of conformity (series): Ambient System fire alarm loudspeakers FLS-DCE-20251112

Request a quote or ask for more information

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Up-to-date information and documents: pap.fi/en/tuote/abt-la30/