# ABT-LA60

## Fire Line array loudspeaker Power, 60 W, 100 V

### Overview

ABT-LA fire-alarm loudspeakers mean a new quality among the facilities of the kind. ABT-LA30 and ABT-LA60 units are line-array loudspeaker columns, which means they ensure considerably farther reach than conventional units at simultaneous main¬tenance of high uniformity of sound level in the area of broadcasting. Being line-array acoustic sources, ABT-LA columns feature a unique high directionality in vertical plane so that the sound they generate will rather go exactly towards the controlled audiospace instead of unwanted areas, such as e.g. ceiling or floor. ABT-LA columns are mostly designed for the rooms with high reverbera¬tion time as well as for other places where the quality of speech is reduced due to unfavour¬able conditions. The ABT-LA design allows easy mechanical and electrical integration of the two columns into a single consistent unit which becomes a loudspeaker with higher power output and farther reach. It makes a better use of the benefits offered by the line-array source. Variable geometry of the column allows generating two sound beams to be randomly sent at various angles to the two different areas. Sound transfer band of the ABT-LA columns has been designed to achieve the highest possible fidelity of speech signal reproduction and to ensure unchallenged parameters of the quality of speech, all as required by the standards applicable to the Voice Evacuation Systems.

Solid aluminium enclosure, steel assembly jigs, and IP 65 guarantee long-term fail¬ure-free operations under any conditions, both in outdoor and indoor environments. The columns are entirely dustproof and resistant to the impact of direct water jet.



### Details

- Line Array Loudspeakers Columns

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## Technical specifications

### Electrical

| | |
|---|---|
| Power consumption | 60 W |
| Line operating voltage | 100 V |
| Output level | 79 dB |
| Frequency | 136 to 20000 |

### Physical

| | |
|---|---|
| Physical dimensions | 870 x 80 x 110 mm (H x W x D) |
| Net weight | 4.9 kg |
| Colour | Silver |
| Mounting type | Wall bracket |
| Mounting position | Wall |
| Housing material | Aluminium |

### Environmental

| | |
|---|---|
| Operating temperature | -25 to +70°C |
| Environment | Indoor, Outdoor |
| IP rating | IP65 |

### Regulatory

| | |
|---|---|
| Standards | EN54-24<br>BS5839-8 thermal protection<br>1438-CPR-0574 |

### Compatible products

| Category | Reference | Description |
|---|---|---|
| Speakers | ABT-LA-KIT | Kit for connecting the ABT-LA columns |

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