

EST-P10

Sound projector

Overview

Fire alarm EST-P10, EST-P10P loudspeakers have been designed and manufactured for the most demanding customers as well as to meet the requirements of the most complex and sophisticated sound transmitting applications. Thanks to the contribution of advanced technologies they combine excellent acoustic parameters and high aesthetics with resistance to mechanical damages and varying weather conditions as well as low prices. Their additional quality is an exceptionally quick and simple installation.

Quality standards and audio characteristics have been confirmed through tests and trials in an anechoic chamber, resistance and integrity testing equipment, as well as chambers for resistance to weather and air humidity testing. The need to maintain the best acoustic parameters was the idea underlying the design process. EST-P loudspeaker models emitting the sound which features directional characteristic and high efficiency. 5-inch 2-cone wide band loudspeakers used in these series are excellent alternative solution for horn-type units due to wide frequency band. They prove excellent in both musical and verbal applications. EST-P10 and EST-P10P loudspeakers are enclosed in round casings made of resistant and durable ABS; they feature a high class of protection from humidity. Thanks to directional characteristic of sound propagation our loudspeakers are mostly applied on circulation routes and in wide area sound emission. Due to resistance to weather conditions the loudspeakers prove excellent in industrial halls, warehouses, as well as partly open spaces exposed to outdoor weather conditions. Apart from high mechanical and functional resistance EST-P loudspeakers entirely comply with global requirements for systems, including also the British Standard No. BS5839 Part 8 and EN 54-24. All EST-P loudspeakers have built-in a ceramic connection block and a thermal fuse. Two sound-transmission cable penetrations in the casing are insulated by means of two cable glands. Inside the fire zone the loudspeaker is isolated from the entire line, which ensures line continuity and uninterrupted broadcasting of emergency messages. The individual power rating is selected by means of connection with applicable transformer branch. EST-P loudspeakers are designed for continuous operations at rated parameters for at least 100 hours in compliance with the IEC-268-5 Standard. EST-P10P loudspeakers are designed for pendant mounting. They are equipped with an additional junction box enabling simple and quick speaker installation. They are used wherever the distance from ceiling mounted.



Details

- Designed to achieve directional characteristic of sound emission
- 10 W transformer with multiple branches ensuring accurate selection of output power
- Enclosed in an advance and functional cylindrical casing made of resistant and durable ABS
- Ideal for either ceiling or wall installation
- Durable casing with ceramic block and thermal fuse
- High sound quality in music and speech emission

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Especificaciones técnicas

Eléctrico

Consumo de corriente 10 W

Voltaje de 100 V

funcionamiento de la línea

Nivel de salida 80 dB

Frecuencia 130 to 20000

Físico

Dimensiones físicas 135 x 205 mm (Ø x H)

Peso neto 1.6 kg

Color Blanco (RAL 9003)

Tipo de Montaje Soporte de pared

Posición de montaje Techo, Pared

Material de la carcasa ABS

Medioambiental

Temperatura de funcionamiento -25 to 70°C

Entorno Interior, Exterior

Clasificación IP IP66

Regulador

Normativas EN54-24

BS5839-8 thermal protection



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