

PE-154BS

PENDANT SPEAKER



The PE-154BS is the voice alarm certification product. 2 way speaker system is suitable for announcement and music use in wide frequency range. Stylish and outstanding design inspired by the finest lighting fixtures. A directly attached sturdy suspension cable is extendable up to 3 meters.

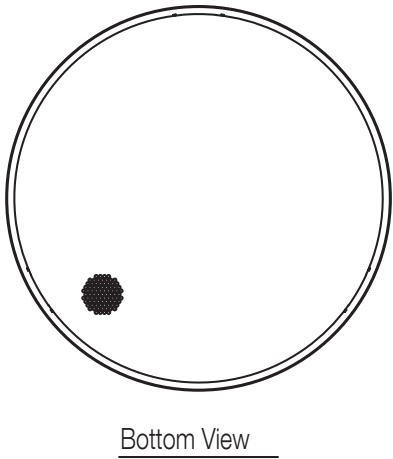
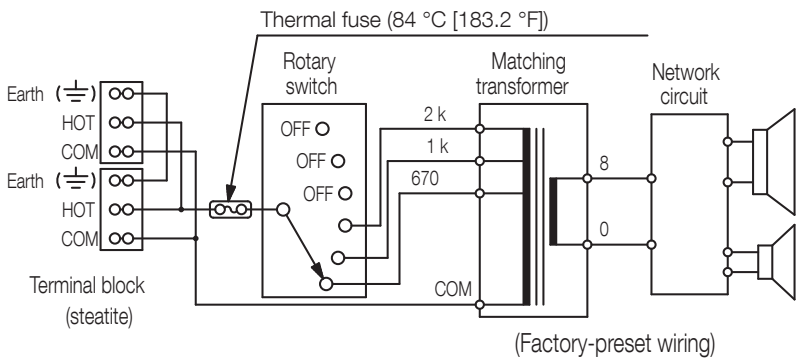
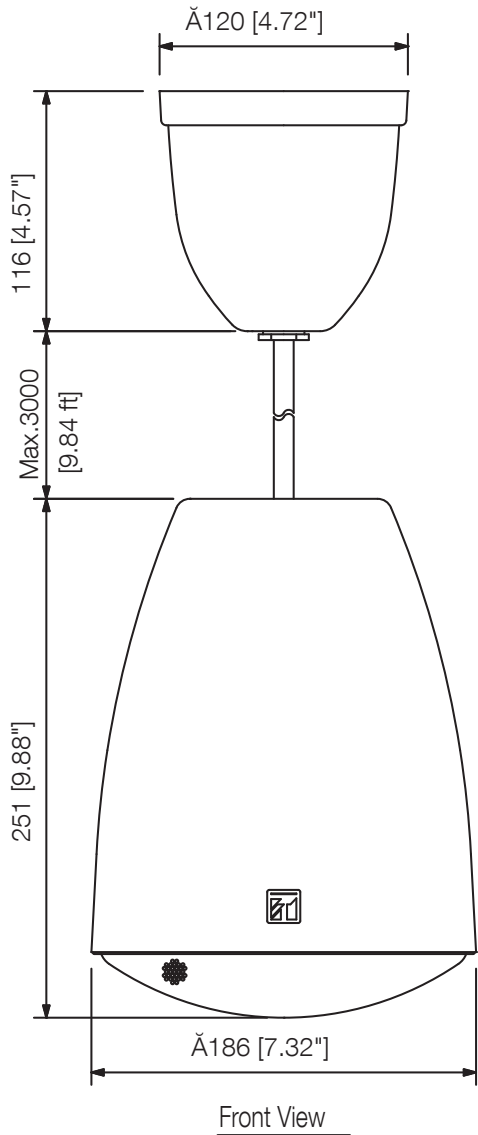
Key features

- Special design to blend with lighting equipment
- Rugged HIPS resin enclosure
- Excellent sound quality
- 3 m fire resistant cable
- PE-154BS according british standard
- Certified according to EN 54-24, ISO 7240-24
- Compliant with BS-5839-8

Specifications

Rated Noise Power	15 W (100 V line), 7.5 W (70 V line)
Rated Impedance	100 V line: 670 Ω (15 W), 1 k Ω (10 W), 2 k Ω (5 W) 70 V line: 670 Ω (7.5 W), 1 k Ω (5 W), 2 k Ω (2.5 W)
Sensitivity	91 dB (1 W, 1 m) (500 Hz - 5 kHz, pink noise) 87 dB (1 W, 1 m) (100 Hz - 10 kHz, pink noise) 75 dB (1 W, 4 m) (100 Hz - 10 kHz, pink noise)
Max. SPL	99 dB (15 W, 1 m) (100 Hz - 10 kHz, pink noise) 87 dB (15 W, 4 m) (100 Hz - 10 kHz, pink noise)
Frequency Response	70 Hz - 20 kHz
Coverage Angle	Horizontal and Vertical: 360° (500 Hz), 170° (1 kHz), 90° (2 kHz), 70° (4 kHz)
Environmental Type	A (indoor applications)
Speaker Component	Low frequency: 12 cm (5") cone-type High frequency: 2.5 cm (1") balanced dome tweeter
Speaker Mounting Method	Ceiling suspension
Cable Gland	Size: PG 13.5 One cable gland is factory-installed. For bridge connection, one cable gland can be added.*
Speaker Cable	4-core fireproof cable 3 m (9.84 ft)
Cable Requirements	Outer diameter: $\varnothing$ 6.5-12.5 mm Conductor: Solid wire or 7-core wire 0.8 - 7 mm ² (AWG18-AWG9) for solid wire, 0.8 - 4 mm ² (AWG18-AWG11) for 7-core wire
Connection	Screw terminal (steatite) x 2
Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)
Finish	Enclosure: HIPS resin, off-white (RAL 9010 or equivalent color) Grille: Surface-treated steel plate net, off-white(RAL 9010 or equivalent color), paint
Dimensions	$\varnothing$ 186 x 251 (H) mm ($\varnothing$ 7.32" x 9.88") (speaker only)
Weight	2.33 kg (5.14 lb) (speaker only)
Included Accessories	Ceiling bracket...1, Mounting hanger...1, Ceiling cover...1, Ceiling bracket mounting screw (tapping screw 4 x 16)...4

Dimensions



UNIT:mm SCALE:1/4

A&E specifications

The speaker shall combine a bass-reflex 12 cm (5") cone type, plus balanced dome tweeter, suitable for ceiling suspension mounting. It is also designed for use in voice evacuation systems. Input impedance shall be easily adjustable with rotary switch on the upper side of the speaker.

The speaker shall include a transformer having multiple taps (5 W, 10 W, 15 W at 100 V and 2.5 W, 5 W, 7.5 W at 70 V) adjustable. The output sound pressure level at a distance of 1 m with a 1 W input level applied shall be 91 dB SPL. The speaker shall have a frequency response of 70 – 20 kHz (-20 dB). The speaker shall have an ingress protection for indoor applications: IEC 60529 / EN60529 drip-proof rating of IP21C. 2 × fire-resistant steatite screw terminal blocks allows secure cable connections and bridge wiring. Thermal fuse with a blowing temperature of 84°C, 3 meters of shielded 4 core fire-resistant suspension cable avoid risk of failure of speaker line and provide secure mounting feature with internal flame-resistant insulated cables.

The speaker enclosure shall be constructed of HIPS resin. The grille shall be constructed of surface-treated steel plate net. The speaker shall be available in off-white colour. The unit shall have dimensions of ø186 × 251 (H) mm (ø7.32" × 9.88"), and a weight of 2.33 kg (5.14 lb).

The speaker shall be certified according to EN 54-24 with CPD Number 0359-CPD-0105, certified according to ISO 7240-24 and in compliance with the British Standard BS 5839-8.

The speaker shall be a TOA model PE-154BS