

\* The BS-678AB-EB is certified according to the European Standard EN54-24:2008. DoP number is 23-101.

## DESCRIPTION

The BS-678AB-EB is a wall mount box speaker specially designed for voice alarm applications in buildings and installations where an A/B wiring is required. The speaker structure that permits direct wall-mounting with screws prevents the speaker from falling easily even if an outward force is applied to. The input impedance can be easily changed by changing the tap position of the transformer.

## SPECIFICATIONS

Rated Input	2x 6 W (100 V line)
Rated Impedance	100 V line: 1.7 kΩ (6 W), 3.3 kΩ (3 W), 6.7 kΩ (1.5 W)
Sensitivity (SPL)	92 dB (2x 0.5 W, 1 m) (100 Hz – 10 kHz, pink noise)
Max. SPL	102 dB (2x 6 W, 1 m) (100 Hz – 10 kHz, pink noise)
Sensitivity EN54-24	80 dB (2x 0.5 W, 4 m) (100 Hz – 10 kHz, pink noise)
Max. SPL EN54-24	90 dB (2x 6 W, 4 m) (100 Hz – 10 kHz, pink noise)
Frequency Response	155 Hz – 20 kHz (Peak -20 dB )
Coverage Angle (-6 dB)	Horizontal: 225° (500 Hz), 125° (1 kHz), 60° (2 kHz), 35° (4 kHz) Vertical : 240° (500 Hz), 200° (1 kHz), 125° (2 kHz), 110° (4 kHz)
Environmental type	A (indoor application, IP21C)
Speaker Component	2x 10 cm (4") double cone-type
Operating Temperature	-10 °C to +55 °C (14 °F to 122 °F)
Speaker Mounting Method	Wall-mount
Applicable Cable Size	Outer diameter : Max. ø10 mm (for exposed wiring) ø6.5 – ø12.5 mm (for in-wall wiring) Conductor : Solid wire or 7-core wire No bridge connection : 0.8 – 10 mm <sup>2</sup> (AWG18 – AWG7) for solid wire 0.8 – 8 mm <sup>2</sup> (AWG18 – AWG8) for 7-core wire Bridge connection : 0.8 – 2.5 mm <sup>2</sup> (AWG18 – AWG13) for solid wire 0.8 – 1.5 mm <sup>2</sup> (AWG18 – AWG15) for 7-core wire
Connection	2x 3-pins screw terminal (ceramic)
Finish	Baffle: HIPS resin, white (RAL 9010 or equivalent color) Cabinet: Particle board with pvc sheet, white (RAL 9010 or equivalent color) Grille: Surface-treated steel plate net, white (RAL 9010 or equivalent color), paint
Dimensions	190 (W) X 250 (H) X 110 (D) mm (7.48" X 9.84" X 4.33")
Weight	2.3 kg (5.07 lb)
Accessory	Speaker mounting screw...2, Baffle fixing screw...2

## APPEARANCE

