

BS-680FC/BS-680U

BS-680FC

Wall Mount Speaker

The speaker shall be a 16 cm (6") double cone-type speaker suitable for wall-mounting. Both wall and in-wall mounting shall be possible. Two steatite terminal blocks shall allow bridge connection. The speaker shall be EN 54-24 certified and compliant with BS 5839-8. The speaker shall include a transformer having multiple taps (0.8W, 1.5W, 3W, 6W at 100V line and 0.4W, 0.8W, 1.5W, 3W at 70V line) adjustable.

The sensitivity at 1W input measured at a distance of 1m shall be 94 dB (500 Hz to 5k Hz, pink noise). The speaker shall have a frequency response of 150 to 20k Hz (-20dB).

The specifications based on EN 54-24 measurement conditions are follows:

The sensitivity with 1W input shall be 74 dB at a distance of 4m and 89 dB at a distance of 1m converted based on EN 54-24 (100 Hz to 10k Hz, pink noise).

The maximum sound pressure level with 6W input shall be 84 dB at a distance of 4m and 96 dB at a distance of 1m converted based on EN 54-24 (100 Hz to 10k Hz, pink noise). The coverage angle (-6 dB) shall be: 180 degrees (horizontal and vertical) at 500Hz, 140 degrees (horizontal and vertical) at 1k Hz, 120 degrees (horizontal)/110 degrees (vertical) at 2k Hz and 100 degrees (horizontal)/80 degrees (vertical) at 4k Hz. The environmental type according to EN 54-24 shall be A (indoor application).

The speaker baffle and cabinet shall be constructed of steel plate. The grille shall be surface-treated steel plate net. The speaker shall be available in off-white color. The unit shall have dimensions of 310 (W) x 190 (H) x 87.2 (D) mm (12.2" x 7.48" x 3.43"), and a weight of 2.6 kg (5.73 lbs.).

The wall-mount speaker shall be a TOA model BS-680FC.

BS-680U

Wall Mount Speaker

The speaker shall be a 6" double cone-type box speaker suitable for wall mounting. Cable connection shall be by means of a push-in connector bridging terminal. The speaker shall be able to be quickly and easily installed in either a horizontal or a vertical orientation. Both flush and surface mounting shall be possible. The speaker shall include a transformer having multiple taps (6W, 3W and 1W at 70V/25V line) adjustable. The sensitivity at a distance of 1m with a 1W input level applied shall be 94dB. The speaker shall have a frequency response of 150Hz - 20kHz (-20dB). The speaker baffle and cabinet shall be constructed of steel plate. The grille shall be surface-treated steel plate mesh. The speaker shall be available in white color (RAL9010 equivalent). The unit shall have dimensions of 12.2"(W) x 7.48" (H)x 3.43" (D) (310 x 190 x 87.2 mm), and a weight of 5.73 lbs (2.6 kg). The speaker shall be certified to UL 1480 UUMW and ULC-S541 standards, ideally suited for voice alarm system solution.

The speaker shall be the TOA model BS-680U.