

## MOULDED CABINET LOUDSPEAKER

# PBC6/T

The PBC 6 / T is a wall-mounted speaker that through its innovative design looks stylish and elegant.

The high quality reproduction of speech and background music distinguishes this series even further. The effortless and easy installation via a concealed attachment.

Areas of application represent premises in which value is attached design and excellent sound quality is laid, such, bars, restaurants, hotels, reception rooms, prestigious rooms, medical office waiting rooms, offices, etc.



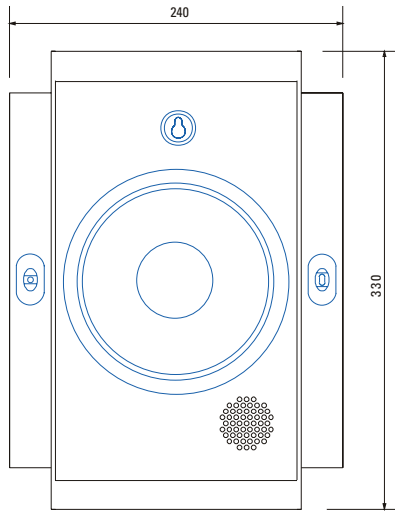
|                                                            |                                            |
|------------------------------------------------------------|--------------------------------------------|
| <b>● Electrical</b>                                        |                                            |
| Maximum power, Watts                                       | 9                                          |
| Rated power, Watts                                         | 6                                          |
| Tappings 100 volt line, Watts                              | 6/3/1.5/0.75/0.25                          |
| Transformer Impedance, Ohms 100V                           | 1.67k/3.33k/6.66k/13.3k/39.9k              |
| Tappings 70.7 volt line, Watts                             | 3/1.5/0.75/0.25/0.125                      |
| Driver impedance, Ohms                                     | 8                                          |
| Effective Frequency Range, Hz (BSEN60268-5)                | 160 - 18.000                               |
| S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10kHz | 96                                         |
| S.P.L. @ Full power Octave Bandwidth, dB                   | 104                                        |
| Acoustic Power (dB-PWL@1 watt) 1k/2kHz, dB                 | 94/95                                      |
| Dispersion at 1k/2k Hz, Degrees                            | 180/120                                    |
| Directivity Axial Q factor, 1k/2kHz                        | 3.6/5.8                                    |
| <b>● Environmental</b>                                     |                                            |
| IP Rating                                                  | 21                                         |
| Min/Max amb temp                                           | -10°C to 55°C                              |
| Relative Humidity                                          | ≤60%                                       |
| <b>● Mechanical</b>                                        |                                            |
| Dimensions, front & depth, mm                              | 330 x 240 x 90                             |
| Net weight, kg                                             | 1.15                                       |
| Colour/ Finish                                             | White RAL9016                              |
| Material                                                   | ABS moulding with UV inhibitors Steel mesh |
| Mounting                                                   | Keyhole and/or screws                      |



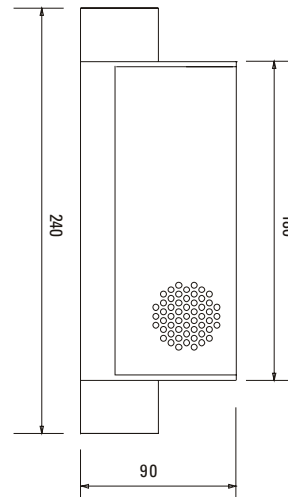
# INSTALLATION GUIDE

## PBC6/T

Front view  
(unit: mm)

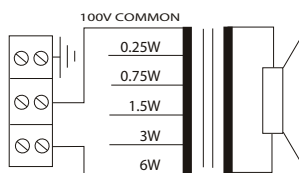


Top view  
(unit: mm)

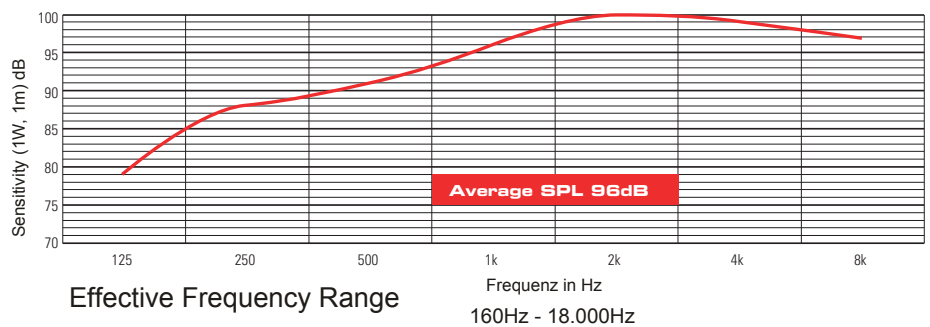


- 1) On selecting the chosen position for the loudspeaker (it can be mounted vertically or horizontally) use a spirit level to ensure that it is level.
- 2) Offer the speaker to the wall or ceiling and mark through the mounting holes, as shown on the drawing above, the position required for drilling.
- 3) Drill 2 holes 210mm apart and then raw plug them.
- 4) Cabling can now take place, connect the 100 volt line supply to your required volume as shown on the circuit diagram.
- 5) With the cable in place the speaker can be screwed through the mounting holes into position. Once in position the two mounting hole caps can be put in place to hide the offending screw heads.
- 6) There is also provided a key hole mounting plate, as shown on the drawing, this can only be used if the loudspeaker is wall mounted and in a vertical position.

### Frequency response



Circuit Diagram



Disclaimer: We reserve the right of changes and errors.



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