



MOULDED CABINET LOUDSPEAKERS

PBC10/TCOAX

The PBC10/TCOAX is a wall-mounted speaker which looks stylish and elegant with its innovative design it is delivered in a 10 watt two way version and has an excellent bass-height ratio.

This results in an excellent reproduction of speech and music as well as a very pleasant sound and a very clean understandability.

The effortless and easy installation of this speaker is done via a hidden attachment. Your areas of application represent spaces in which value design and outstanding sound quality is placed, such as bars, restaurants, hotels, reception rooms, representative rooms, doctors' offices, waiting rooms, offices, etc.



● Electrical	
Rated power, Watts	10
Tappings 100 volt line, Watts	10/5/2.5/1.25
Transformer Impedance, Ohms 100V	1k/2k/4k/8k
Tappings 70.7 volt line, Watts	5/2.5/1.25/0.625
Driver impedance, Ohms	8
Effective Frequency Range, Hz (BSEN60268-5)	80 - 20.000
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10kHz	89
S.P.L. @ Full power Octave Bandwidth, dB	99
Acoustic Power (dB-PWL@1 watt) 1k/2kHz, dB	88/84
Dispersion at 1k/2k Hz, Degrees	180/120
Directivity Axial Q factor, 1k/2kHz	3.7/5.9
● Environmental	
IP Rating	n/a
Min/Max amb temp	-10°C to 70°C
Relative Humidity	n/a
● Mechanical	
Dimensions, front & depth, mm	330 x 240 x 90
Net weight, kg	1.4
Colour/ Finish	White RAL9016
Material	ABS Moulding with UV inhibitors, Steel mesh
Mounting	Keyhole and/or screws



ATEIS Europe B.V.

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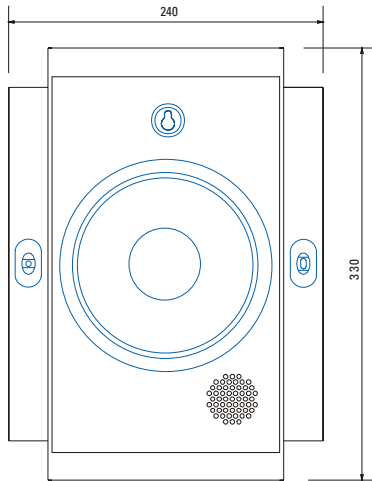
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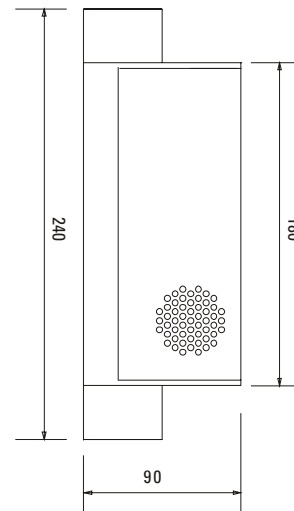
INSTALLATION GUIDE

PBC10/TCOAX

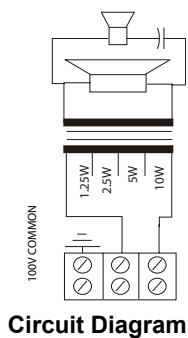
Front view
(unit: mm)



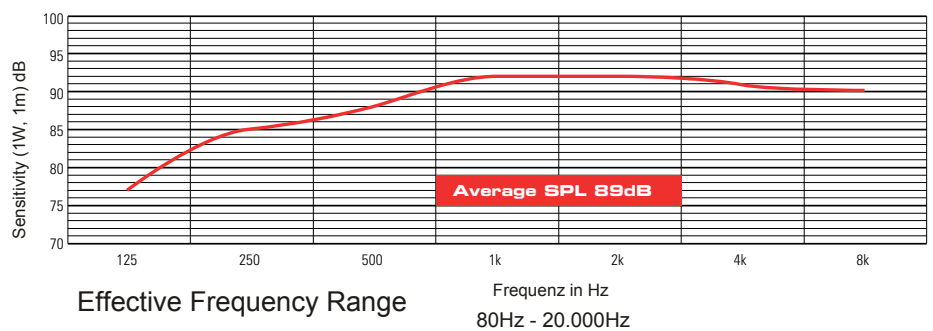
Top view
(unit: mm)



- 1) On selecting the chosen location for the loudspeaker, it can be positioned 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 fitted to hide the fixings.
- 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



Disclaimer: We reserve the right of changes and errors.



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