



## DESIGN WALLMOUNT-SPEAKER, PLASTIC

# PBC10TCX/EN



The PBC10TCX/EN 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 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.



### EN54-24:2008 0905-CPR-201109 TYPE A

● <b>Standard</b>	Compliant to EN54-24 Compliant to BS5839:8
● <b>Electrical</b>	
Rated power, Watts	10
Tappings 100 Volt line, Watts	10/5/2.5/1.25
Transformer Impedance, Ohms 100 Volt	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 (BS EN60268-5)	80-20.000
S.P.L. @ 1 m, 1 Watt, dB, Octave, 100 Hz-10 kHz	89
S.P.L. @ 1 m, Full power, dB, Octave, 100 Hz-10 kHz	99
S.P.L. @ 4 m, 1 Watt, dB, 1/3 Octave, 100 Hz-10 kHz	81
S.P.L. @ 4 m, Full power, dB, 1/3 Octave, 100 Hz-10 kHz	86
Dispersion at 1k/2k Hz, Degrees	132/96 Horizontal 169/96 Vertical
● <b>Environmental</b>	
IP Rating	21
Min/Max amb temp	-10°C to 55°C
Relative Humidity	≤95%
● <b>Mechanical</b>	
Dimensions, WxHxD mm	330 x 240 x 90
Net weight, kg	1.15
Colour (Unless Specified)	White, RAL9016
Material	Low smoke zero Halogen UL-94V0 Plastic with UV inhibitors
Mounting	Keyhole and/or screws
Safety	Ceramic Block Thermal Fuse



#### ATEIS Europe B.V.

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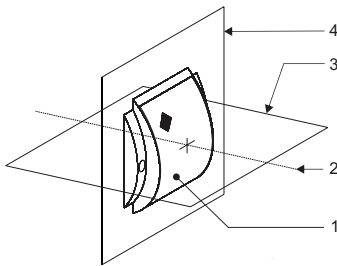
Phone +31 (0)10 208 86 90, [www.ateis-europe.com](http://www.ateis-europe.com), [info@ateis-europe.com](mailto:info@ateis-europe.com)



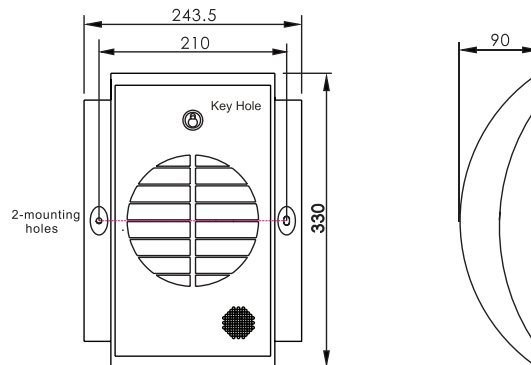
# INSTALLATION GUIDE

## PBC10TCX/EN

**EN54-24:2008**  
**0905-CPR-201109**  
**TYPE A**

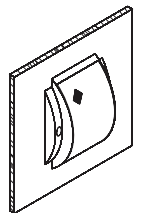
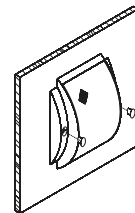
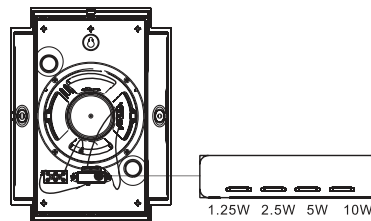
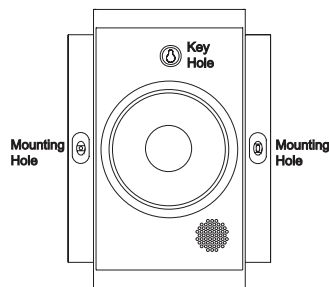
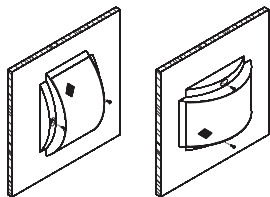


1. Loudspeaker enclosure
2. Reference axis
3. Horizontal plane
4. Reference plane



**With Transformer:**  
**100V/70V line**

	White wire plus tapping				Black
100V	1.25W	2.5W	5W	10W	COM
70V	0.625W	1.25W	2.5W	5W	COM
IMP (Ω)	8k	4k	2k	1k	



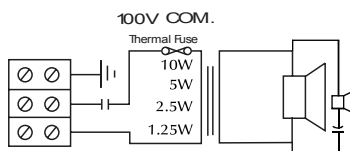
**1)** On selecting the chosen position for the loudspeaker (it can be mounted vertically or horizontally) use a spirit level to ensure that it is level. Offer the speaker to the wall or ceiling and mark through the mounting holes, as shown on the drawing to the right, the position required for drilling.

**2)** Drill 2 holes 210 mm apart and then raw plug them.

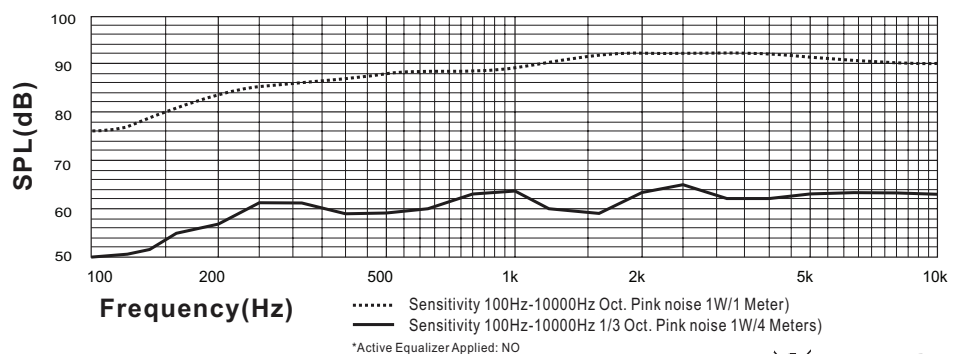
**3)** Cabling can now take place, connect the 100 volt line supply to your required volume as shown on the circuit diagram.

**4)** 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. 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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