DESIGN WALLMOUNT IP LOUDSPEAKER

PBC10CX-IP

The PBC10CX-IP is a 20 watts open-back wallmount IP loudspeaker for voice, paging, intercom, music streaming, audio routing, pre-recorded and scheduled announcement, VoIP communication or as the SIP endpoint where network-wide communication is desired and high-output loudspeakers are required to overcome high ambient noise and/or large spaces.

The PBC10CX-IP incorporates 3 control inputs for level control and source selection (using the RAC 5/8 controllers), 1 contact output for triggering events. To configure, control, monitor the IP speakers in real-time, this can be easily done through your favorite web browser interface, making the management even the most complex environments simpler than ever.

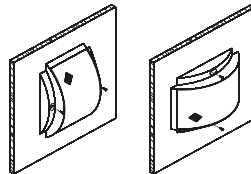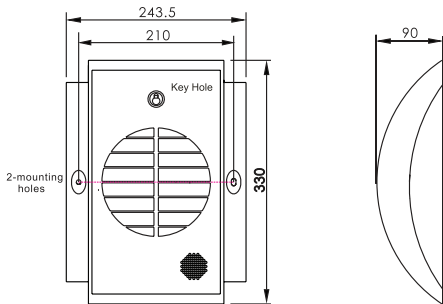|	
● **Certifications**	EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3
● **Electrical**	
Rated power, Watts	20
Effective Frequency Range, Hz (BSEN60268-5)	80-20.000
S.P.L. @ 1 m, 1 Watt, dB, Octave, 100 Hz-10 kHz	89
S.P.L. @ 1 m, Full power, dB, Octave, 100 Hz-10 kHz	99
Dispersion at 1k/2k Hz, Degrees	132/96 Horizontal 169/96 Vertical
Power supply	PoE+ 24 VDC power transformer (18-24 VDC), minimum power supply: 2 A
● **Environmental**	
IP Rating	21
Min/Max amb temp	-10°C to 55°C
Relative Humidity	≤95%
● **Mechanical**	
Dimensions, WxHxD mm	330 x 243.5 x 90
Net weight, kg	1.68
Colour (Unless Specified)	White, RAL9016
Material	Low smoke zero Halogen UL-94V0 Plastic with UV inhibitors
Mounting	Keyhole and/or screws
● **Features**	
Configured, controlled, managed and monitored via web browser	
3 control inputs for level control and source selection using the RAC 5/8 controller	
1 relay contact output	
Network audio codec: G.711, G.722, WAV, mp3	
3rd party control with TERRACOM system	
Support VoIP call via SIP protocol	

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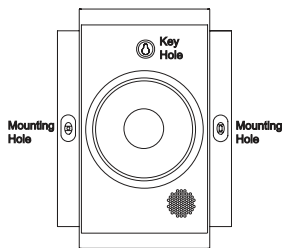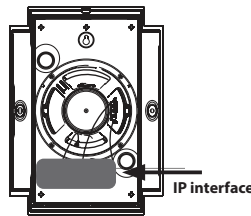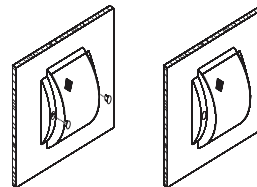# INSTALLATION GUIDE
PBC10CX-IP

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.
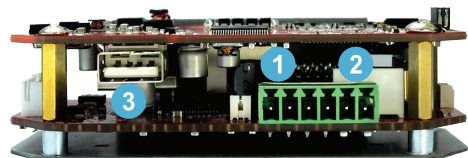
4) With the cables in place the speaker can be screwed through the mounting holes into position. Once in position the two mounting hole caps can be put in place to hide the offending screw heads.

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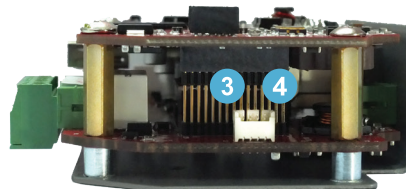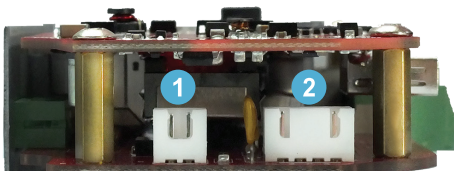
2) Drill 2 holes 210 mm apart and then raw plug them.

3) Connect cables to the speaker.

SPEAKER CONNECTIONS

1. 24 VDC power input
2. RJ45 connector Ethernet
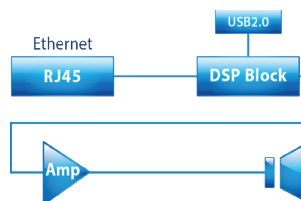**3.** Speaker connection - 1 channel 20 W

1. 3 logic control inputs
2. 1 contact output
3. USB interface (function reserved - Not available)

1. LED strobe connector (+ -)
2. Clock module interface
3. Power LED (+ -)
4. Status LED (+ -)

FUNCTION BLOCK

Disclaimer: We reserve the right of changes and errors.

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