

NETWORK CABINET Loudspeakers



➤ PBC6-IP

The PBC6-IP is a 10W, IP cabinet loudspeaker for voice, paging, intercom, music streaming, audio routing, pre-recorded and scheduled announcements, VoIP communication or as a SIP endpoint. The PBC6-IP incorporates three control inputs for third party control or source selection (using the RAC 5/8 controllers) and one output contact for triggering events. To configure, control and monitor the IP speakers in real-time, this is simply done through your favourite web browser, making the management of even the most complex environments a simple and straight forward process.

TECHNICAL SPECIFICATIONS

Rated power, Watts	10
Driver impedance, Ohms	8
Effective frequency range, Hz (BSEN60268-5)	160 – 18,000
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	96
S.P.L. @ Full power Octave Bandwidth, dB	104
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	94/95
Dispersion at 1k/2k Hz, Degrees	180/120
Directivity Axial Q factor, 1 k/2kHz	3.6/5.8
IP Rating	21
Max/Min Ambient Temp	70°/-25°
Dimensions, front & depth, mm	330 x 240 x 90
Net weight, Kgs	1.5
Colour/Finish	White RAL9016
Material	ABS moulding with UV inhibitors. Steel mesh
Mounting	Keyhole and/or screws

TECHNICAL SPECIFICATIONS

- 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 controls with TERRACOM™ system
- Support VoIP call via SIP protocol

NETWORK CABINET LOUDSPEAKERS

PBC6-IP



INSTALLATION INSTRUCTIONS

▶ STEP 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.

▶ STEP 2

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.

▶ STEP 3

Drill 2 holes 210mm apart and then rawplug them.

▶ STEP 4

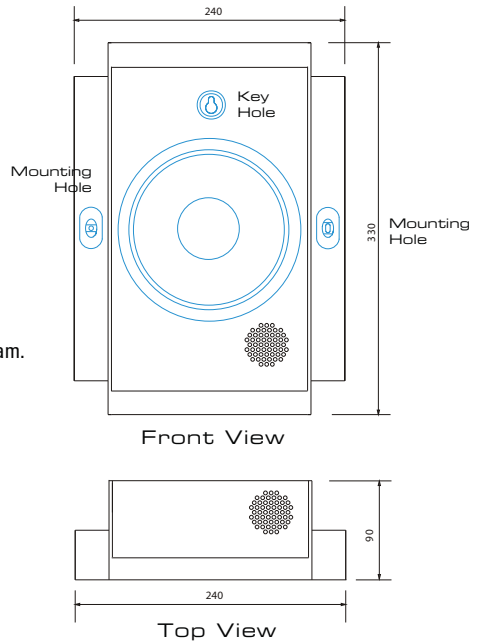
Cabling can now take place, connect the 100 volt line supply to your required volume as shown on the circuit diagram.

▶ STEP 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.

▶ STEP 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.

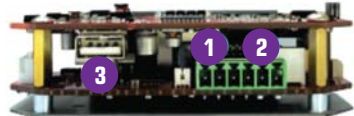


unit: mm

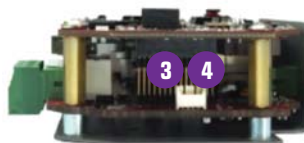
SPEAKER CONNECTIONS



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



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



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