



# **Procella P8**

## **L/C/R/Surround Loudspeaker Installation Guide**

***“Thank you for purchasing a Procella Audio loudspeaker system!”***

**Package contents:**

- Procella P8 loudspeaker
- Wall bracket
- 4 Silicone spacers, self-adhesive
- This installation guide

We recommend that Procella loudspeakers be installed and tuned by a trained Procella technician. Please consult with your dealer or Procella Audio for assistance with determining the proper speaker positions in your room.

*Please note that a Procella P8, like most professional loudspeakers, needs a break-in period of about one day to perform to its full capacity.*

- Always insure that the loudspeaker polarity is correct. The red terminal is positive and gives a forward cone motion with applied positive voltage.
  - For cable runs up to 12m (40 feet) use minimum 2,5mm<sup>2</sup> /AWG14 cable. Runs from 12-25m (40-80 feet) require 4mm<sup>2</sup> /AWG12 and runs from 25-50m (80-150 feet) require 6mm<sup>2</sup> /AWG10.
- A P8 Loudspeaker behind a projection screen should be positioned so that the acoustical center of the speaker (the lower edge of the P8 waveguide) is at about 5/8 of the screen height above the bottom edge of the screen.
  - The L & R loudspeakers should be toed-in towards the center-line of the room.
  - For installation behind a screen, hidden behind acoustically transparent fabric, or in any case where the front of the P8 is not visible, the cloth frame should be left off.
- When used in combination with a flat screen display or a non-perforated projection screen, the P8 L/C/R speakers should preferably be wall-mounted above the panel or screen and tilted down towards the listening position. If they must be mounted below the screen, they should be inverted.
- For wall-mounting, use the included wall-bracket. The center line of the bracket mounting holes is 25mm (1") below the acoustical center of the loudspeaker.
  - Attached the four silicone spacers to the back of the P8, one on each corner. These spacers provide a certain amount of vibration damping and provide space for speaker cable behind the enclosure.
  - For installation, there must be a 2.5cm (1") free space above the loudspeaker enclosure.
  - Cable outlet through the wall should be made within the area of the recessed connector dish, about 100mm (4") off the right and 75mm (3") below the top of the loudspeaker enclosure.
  - Make sure that there is no risk that the loudspeaker can be pushed off the bracket. If in doubt, the enclosure should be secured so that it can not be pushed upwards, off the bracket.
- We recommend that the Procella P8 should be used with a high-quality power amplifier or A/V receiver of at least 150 Watts per channel into 8ohms. Bass management should be set for an 80Hz 2nd order (12dB/octave) crossover. If available, use the 'THX' TM setting in the processor, or the Small setting.

Please contact your local Procella Audio dealer or Procella Audio directly should you have any further questions. We love to hear from our customers with feedback on our loudspeaker products.

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