



# **Procella P6**

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

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

### **Package contents:**

- Procella P6 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.

- 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 25m (80 feet) use minimum 2,5mm<sup>2</sup>/AWG14 cable. Runs from 25-45m (80-150 feet) require 4mm<sup>2</sup>/AWG12 and runs from 45-75m (150-250 feet) require 6mm<sup>2</sup>/AWG10.
- A P6 loudspeaker behind a projection screen should be positioned so that the acoustical center of the speaker (the lower edge of the P6 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 P6 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 P6 L/C/R speakers should preferably be wall-mounted above the panel or screen. They can also be tilted down towards the listening position, if desired.
- For wall-mounted speakers, use the included wall-bracket. The center line of the bracket mounting holes, is 50mm (2”) below the acoustical center of the loudspeaker.
  - Attached the four silicone spacers to the back of the P6, 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.
  - The cable outlet through the wall should be made within the area of the recessed connector dish, about 100mm (4”) off the left 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 cannot be pushed upwards, off the bracket.
- We recommend that the Procella P6 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’™ 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 you with your feedback on our loudspeaker products.

Email: [sound@procella-audio.com](mailto:sound@procella-audio.com), web site: [www.procella-audio.com](http://www.procella-audio.com).