



Procella P815

3-Way L/C/R Loudspeaker with External amplification

Installation Guide

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

Package contents:

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|------------------------------|----------------------------------|
| - Procella P15Si Loudspeaker | - 0 or 7 degree mounting bracket |
| - Procella P8 Loudspeaker | - Four Vibration Insulating Feet |
| | - 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.

External amplification and a DSP is required for operation of the P815. The P815 is intended to be used with a Procella DA2800-DSP 4Ch amplifier (For two P815) or the Procella DA06-DSP 2Ch amplifier.

If you do not have any of these amplifiers available, please contact your dealer or Procella Audio.

Installation in the room:

- When the P815 Loudspeaker is positioned free-standing in a room, it should either be placed directly against the wall, or at a distance greater than 1.2m (4 feet) away from any wall.
- A P815 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.
- Position one of the enclosed soft vibration insulating feet under each corner of the enclosure.
- For installation behind a screen, hidden behind acoustically transparent fabric, or in any case where the front of the loudspeaker is not visible, the cloth frame should be left off. Behind a projection screen, the Procella logo should be removed or covered with black tape.
- Confirm that you are using the proper bracket for your application. The 90 degree bracket is used when the P8 needs to point downward and the 97 degree bracket is used when the speaker needs to be aligned with no vertical angle.
 - Loosen the two bolts on the back of the P8 and attach the bracket to the back of the P8.
 - Loosen the M10 bolt on top of the P15Si and mount the bracket with the P8 attached to the P15Si.
 - Toe-in the P8 as required for best coverage in the room
 - Make sure the M10 bolt is tightened properly.

Connection to the Procella DA2800-DSP or DA06-DSP Professional Power Amplifier:

- Two sets of speaker cables from the amplifier are required. For cable runs up to 12m (40 feet) use minimum 2,5mm² /AWG14 cable. Runs from 12-25m (40-80 feet) require 4mm² /AWG12 and runs from 25-50m (80-150 feet) require 6mm² /AWG10.
- The RED terminal is positive (+) and the BLACK is negative (-)
- Amplifier Input is Ch1 (Ch3) Speaker Outputs is CH1 (Ch3) for P15Si and CH2 (Ch4) for P8
- The Dual Binding Post inputs located on the left side of the P15Si loudspeaker should be connected to CH1 or Ch3 output of the DA2800-DSP and to Ch1 output of the DA06-DSP.
- The Dual Binding Post input on the back of the P8 cabinet should be connected to the Ch 2 or Ch4 output of the DA2800-DSP or Ch2 output of the DA06 amplifier.
- Select a suitable P815 Pre-Set on the DA2800-DSP or the DA06-DSP amplifier.

Please refer to the Procella DA2800-DSP and the DA05/06 User Manuals for recommendations on the setup, installation and operation of the amplifier for use with the P815.

Always check for later revisions of this User Guide at the Procella Web-site: www.procella.audio/downloads

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.

Email: contact@procella.audio Website: www.procella.audio