



Procella P815-FP

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

Installation Guide

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

Package contents (3 cartons):
Procella LF815-FP Loudspeaker
Procella P8 Loudspeaker

- Power cord
- 0 or 7 degree mounting bracket
- 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-FP. The P815-FP is intended to be used with a Procella DA-2800DSP four channel professional power amplifier. If you do not have this amplifier available, please contact your dealer or Procella Audio.

Installation in the room:

- When the P815-FP 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-FP 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 0 degree bracket is used when the P8 needs to point downward and the 7 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 LF815-FP and mount the bracket with the P8 attached to the LF815-FP. Make sure the M10 bolt is tightened properly.
 - Connect the enclosed speaker cable between the connector at the top of the LF815 and the connector on the back of the P8. Make sure that the cable is securely attached

Connection to the DA-2800DSP amplifier:

- Two sets of speaker cables from the amplifier are required. For cable runs up to 25m (80 feet) from the amplifier, use minimum 2.5mm² /AWG14 cable.
- The RED terminal is positive(+) and the BLACK is negative (-)
- The DA-2800DSP should be set at PRESET 2. Input is CH1 and output is CH 1 for LF and CH 3 for P8
- A Dual Binding Post input is located on the back of the P8 cabinet. This pair of Binding Posts should be connected to the CH3 Speakon output of the DA-2800DSP amplifier.
- One Dual Binding post inputs is located on the left side of the LF815-FP loudspeaker. This pair of Binding Posts should be connected to the CH1 Speakon outputs of the DA-2800DSP. Please note that this output is bridged and the Speakon connector must be terminated accordingly.

Please refer to the Procella DA-2800DSP User Manual for recommendations on the installation and operation of the P860 amplifier.

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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