



Procella P15Si

Balancing Subwoofer and P815 LF

Installation Guide

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

Package contents:

- Procella P15Si loudspeaker
- 4 ea. 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.

Both for use as a Balancing subwoofer and as the LF section of the P815, the Procella P15Si must be used with external amplification and DSP. The Procella DA2800-DSP or the DA06-DSP Professional Power Amplifiers are recommended as they are pre-programmed for both sub-woofer use and for use as a P815 LF in different mounting situations. If not available, please contact your dealer or Procella audio for recommended units and settings.

- 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.
- Position the four enclosed soft vibration insulating feet evenly under the enclosure.
- For cable runs up to 12m (40 feet) from the amplifier, use minimum 2.5mm²/AWG14 cable.
- The RED terminal is positive (+) and gives a forward cone movement.

For P815 LF use:

- 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 between 1/2 and 5/8 of the screen height above the bottom edge of the image.
- To secure a P8 to the P15Si cabinet, first unscrew the two M6 bolts in the back of the P8 and mount the P815 bracket. Unscrew the M10 bolt in the P15Si and attach the P815 bracket to the P15Si cabinet. Tighten the M10 bolt loosely.
- Toe-in the Left and Right P8 to a suitable angle and make sure that the M10 bolt is tightened properly.
- Please note that there are two brackets available for the P815: 97 degrees for P8 aligned horizontally and 90 degrees for P8 aligned 7 degrees down (For large auditorium)

For Balancing Subwoofer use:

- The Procella P15Si is designed for either free-standing or in-wall mounting. The Procella Power amplifier DA2800-DSP and the DA06-DSP comes with separate settings for different locations.
- The Procella P15Si is designed for use with 4th order Linkwitz-Reilly low pass crossover at 80Hz. If available, use the 'THX' setting in the processor.

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