

Procella Audio User Guide P15Si



Welcome to the world of perfected sound!
Thank you for choosing a Procella Audio loudspeaker system.

For optimal performance, we advise having your Procella loudspeakers installed and fine-tuned by a certified Procella Audio technician. For expert guidance on positioning your speakers perfectly within your space, please reach out to your authorized dealer or directly to Procella Audio. Let's ensure your audio experience is nothing short of extraordinary.

Package contents:

- Procella Audio P15Si subwoofer
- Grill
- 4x Vibration insulating feet
- This User Guide

For use as both a subwoofer and as the LF module of the P815, the Procella P15Si requires external amplification and DSP. We suggest using the Procella DA03-DSP or DA08-DSP Professional Power Amplifiers, as they come pre-programmed for subwoofer use and P815 LF integration in various mounting scenarios. If these models are not available, please reach out to your dealer or Procella Audio for alternative recommendations and settings.

INSTALLATION PROCEDURE (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 auditoriums)

INSTALLATION PROCEDURE (subwoofer use)

1. If no other instructions have been provided, when installing a single Procella P15Si subwoofer, it should be positioned on the floor, against a wall or built in into a wall or Baffle wall.
2. When installing a P15Si as a main subwoofer, it is recommended that it is positioned below the screen, but not on the center line of the room.
3. 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.
4. Position the four enclosed soft vibration insulating feet evenly under the enclosure.

TIPS

- The subwoofer inputs are located on the left side of the cabinet. One pair of binding posts are provided and should be connected directly to the amplifier outputs.
- For cable runs up to 12m (40 feet) from the amplifier, use minimum 2.5mm² /AWG14 cable.
- For cable runs up to 25m (80 feet) from the amplifier, use minimum 4mm² /AWG12 cable.
- The RED terminal is positive (+) and gives a forward cone movement.
- 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.

The P15Si needs a break-in period of at least 24h at a SPL in excess of 75dB

Procella Audio BV Registered office and Factory address:
Rivaweg 1.02 | B-8720 Dentergem | Belgium

www.procella.audio
contact@procella.audio
+32 56 13 62 08