

Procella Audio User Guide P815



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.

3 Packages contents:

- Procella Audio P15Si
- Procella Audio P8
- P815 bracket
- This User Guide

The Procella P815 consists of a P8 mounted using the included 97-degree bracket on top of the P15Si. Both the P15Si and P8 require external amplification with DSP.

Recommended Amplifiers:

Procella DA03-DSP or DA08-DSP: These professional power amplifiers are recommended as they are pre-programmed for the P815 in various mounting scenarios.

Alternative Amplification:

If you are not using the DA03-DSP or DA08-DSP, please contact your dealer or Procella Audio for alternative recommendations and settings.

Requirements:

Amplification Channels: Each P815 setup requires 2 amplifier channels.

INSTALLATION PROCEDURE

- 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 P15Si 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.
- The P15Si inputs are located on the left side of the enclosure. One pair of binding posts are provided and should be connected directly to the amplifier outputs.
- The P8 inputs are located on the rear of the enclosure. One pair of binding posts are provided and should be connected directly to the amplifier outputs.

TIPS

- 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 terminals are positive (+) and gives a forward cone movement.

The P815 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