



# Procella P15-fp

## Dual 15" Subwoofer with External Amplification Installation Guide

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

### Package contents:

- Procella P15-FP 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.

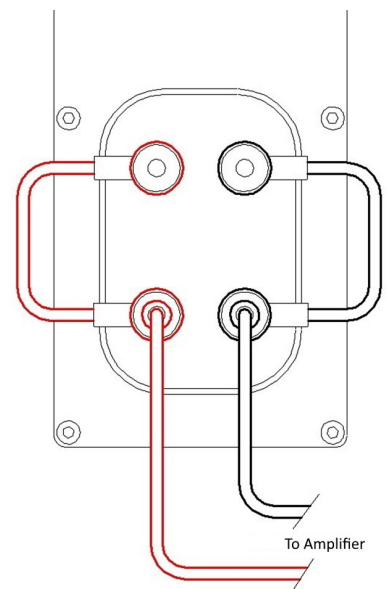
Whether your P15-FP will be used as a Main Subwoofer or as a Balancing Subwoofer, external amplification and a DSP is required. The P15-FP is intended to be used with a Procella DA2800-DSP or a DA06-DSP two channel professional power amplifier. If you do not have this amplifier available, please contact your dealer or Procella Audio.

### Installation in the room:

- If no other instructions have been provided, when installing a single Procella P15-FP subwoofer, it should be positioned on the floor, against a wall or built in into a wall or Baffle wall.
- When installing a P15-FP as a main Subwoofer, it is recommended that it is positioned below the screen, but not on the center line of the room.
- 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. Make sure the enclosure does not touch any other surfaces.

### Connection to the amplifier:

- The subwoofer inputs are located on the left side of the cabinet on a Fill Plate. Two pairs of Binding Posts are provided; each set is connected to one of the P15-FP drivers. Connect each pair of binding posts to one channel of the amplifier and select the appropriate PRE-SET for your application
- If a DA2800-DSP amplifier is used, the binding post in the enclosure fill-plate can be connected in parallel, with the red terminals connected to each other and the black terminals connected to each other as shown at right. **Never connect a red terminal to a black terminal.** This provides a 4ohm load to the DA2800-DSP. Parallel connection is not recommended with the DA06-DSP.
- The RED terminal is positive(+) and the BLACK is negative (-)
- Make sure that there are no short circuits between the cables.
- For cable runs up to 12m (40 feet) use minimum 2,5mm<sup>2</sup> /AWG14 cable. Runs from 12-25m (40-80 feet) require 4mm<sup>2</sup> /AWG12 and runs from 25-50m (80-150 feet) require 6mm<sup>2</sup> /AWG10.
- The P15-fp needs a break-in period of at least 10h at a SPL in excess of 75dB



Always check for later revisions of this User Guide at the Procella Web-site: [www.procella.audio/downloads](http://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](mailto:contact@procella.audio) Website: [www.procella.audio](http://www.procella.audio)