



# Procella P880

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

### Installation Guide

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

#### **Each P860 requires 4 cartons:**

- Procella V15, LF Loudspeaker
- Procella P28, MF/HF Loudspeaker
- A cardboard box containing:
  - 90 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.*

#### **Installation in the room:**

- A P880 Loudspeaker behind a projection screen should be positioned so that the acoustical center of the speaker (Centerline of the P28 waveguide) is at 1/2 to 5/8 of the screen height above the bottom edge of the screen.
- The L & R P28 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 V15 enclosure.
- For installation where the front of the loudspeaker is not visible, such as behind a screen or hidden behind acoustically transparent fabric, the cloth frame should be left off. Behind a projection screen, the Procella logos should be removed or covered with black tape.
- As the V15 is very heavy, it is recommended to position the V15 in place before attaching the P28:
  - Remove the two bolts on the back of the P28 and use them to attach the bracket to the back of the P28.
  - Remove the M10 nut on top of the V15 and use it to mount the bracket (with the P28 attached) to the V15. Make sure the M10 bolt is tightened properly.

#### **Installation of the DA2800-DSP amplifier:**

Please refer to the Procella DA2800-DSP User Manual for recommendations on the installation, setup and operation of the P860 amplifier.

The P860 uses four channels of the DA2800-DSP: One Channel run the P28 and three channels to run the three pairs of V6 drivers.

- Select preset the proper PRE-SETs for P860 according to the table in the DA2800-DSP manual.
- The presets on both the DA2800-DSPs must be set to the same position.
  - Mounted in a baffle wall with Acoustically Transparent screens. No HF compensation
  - Positioned on the floor, against a wall. No HF compensation
- Use input connector CH1 and connect the LINK-cable between IN CH2 and IN CH3 on the DA2800-DSP.
- If adjusted, the GAIN for all LF (V6) channels output must be set to the same level.

#### **Connecting the P860 to the DA2800-DSP amplifier:**

- Four sets of speaker cables from the amplifier are required. For cable runs up to 25m (80 feet) from the amplifier, use minimum 4mm<sup>2</sup> /AWG12 cable.
- The RED terminal is positive(+) and the BLACK is negative (-)
- A Dual Binding Post input is located on the back of the P28 cabinet. This pair of Binding Posts should be connected to the CH4 output of one of the DA2800-DSP amplifier.
- Three Dual Binding post inputs are located on the left side of the V6 loudspeaker. Each pair of Binding Posts should be connected to the output CH1 – CH3 of the DA2800-DSP.

*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)