



# Procella P860

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

### Installation Guide

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

#### **Each P860 requires 5 cartons:**

- Procella V6, LF Loudspeaker
- Procella P28, MF/HF Loudspeaker
- 2pcs DA06- Amplifier
- 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 P860 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 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 V6 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 V6 is very heavy, it is recommended to position the V6 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 bolt on top of the V6 and use it to mount the bracket (with the P28 attached) to the V6. Make sure the M10 bolt is tightened properly.

#### **Installation of the two DA06-DSP amplifier:**

Please refer to the Procella DA06-DSP User Manual for recommendations on the installation and operation of the P860 amplifier.

The P860 uses two DA06-DSP: The first to run the P28 and on pair of V6 drivers and the second DA06-DSP to run two pairs of V6 drivers.

- Select preset the proper PRE-SETs for P860 according to the table in the DA06-DSP manual.
- The Procella DA06-DSP has three pairs of user selectable presets for the P860. The presets on both DA06-DSP must be set for the same room positioning and screen.
  - Mounted in a baffle wall, with HF compensation (+4dB @ 10kHz).for AT perforated screens.
  - Mounted in a baffle wall, no HF compensation for Acoustically Transparent screens.
  - Positioned on the floor, against a wall.
- Use input connector CH1 on the first DA06-DSP. Connect a LINK-cable between LINK 1 on the first DA06-DSP and IN1 on the second DA06-DSP.
- If adjusted, the GAIN for both DA06-DSP must be set to the same level.

#### **Connecting the P860 to the two DA06-DSP amplifier:**

- Two sets of speaker cables from each 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 CH2 output of one of the DA06-DSP amplifier.
- Three Dual Binding post inputs are located on the left side of the V6 loudspeaker. One pair of Binding Posts should be connected to the output CH1 of one DA06-DSP and the other two pairs should be connected to the CH1 and CH2 outputs on the second DA06-DSP

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.

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