

Procella Audio User Guide P628



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 P628 loudspeaker with grill
- This User Guide

INSTALLATION

- When using the P628 Above Screen L/C/R loudspeakers with a LED screen, TV flat screen, or non-perforated projection screen, mount the speakers as close to the top of the panel or screen as possible. The front baffle is angled, so tilting towards the listening area is unnecessary.
- When installing the P628 on a shelf, ensure that the loudspeaker is securely positioned to prevent any risk of falling from the shelf. If stability is a concern, secure the enclosure using the M10 bolts on each side of the P628 to prevent it from falling.
- Do not permanently remove the M10 bolts from either side of the P628, as this will compromise the enclosure's seal.
- The P628 requires external amplification with DSP for operation. We recommend the Procella DA03-DSP or DA08-DSP four-channel professional power amplifiers, as they come with a pre-loaded preset for the P628. If these amplifiers are not available, please contact your dealer or Procella Audio for guidance.
- The dual binding post inputs, labeled Mid-Hi and Lo, are located on top of the P628 enclosure. Connect these to the two output channels of the DA03-DSP or DA08-DSP amplifier. For detailed information on the installation and operation of the amplifier, please refer to the Procella DA03-DSP and DA08-DSP User Guide.

TIPS

- Always insure that the loudspeaker polarity is correct. The red terminal is positive and gives a forward cone motion with applied positive voltage.
- For cable runs up to 10m (30 feet) use minimum 1.5mm² /AWG16 cable. Runs from 10-25m (30-80 feet) require 2.5mm² /AWG14 and runs above 25m (80feet) require 4mm² /AWG12.
- We recommend that the Procella P628 should be used with a high-quality power amplifier with DSP.
- Bass management should be set for an 80Hz 2nd order (12dB/octave) crossover. If available, use the 'THX' TM setting in the processor, or the Small setting.

The P628 needs a break-in period of at least 24h at a SPL in excess of 75dB

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