

Procella Audio User Guide C124



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.

Packages contents:

- Procella Audio C124
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The Procella C124 Above Screen loudspeaker requires 4-channels of external amplification with DSP.

Recommended Amplifiers:

Procella DA08-DSP: This professional power amplifier is recommended as it is pre-programmed for the C124 including the active crossover and PEQ settings.

Alternative Amplification:

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

Requirements:

Amplification Channels: Each C124 setup requires 4 amplifier channels.

INSTALLATION PROCEDURE

- The C124 loudspeaker will positioned Above the Screen on a shelf.
 - Position one of the enclosed soft vibration insulating feet under each corner of the C124 enclosure.
 - The C124 Left, Center and Right horizontal position is the same as with a Behind Screen positions.
 - The C124 Left-Center and Right-Center horizontal position is the same as with a Behind Screen positions *(if used in a large installation)*.
 - The L & R loudspeakers could be toed-in towards the center-line of the room *(depends per situation)*.
 - The C124 inputs is located on the top side of the enclosure.
 - 2x 4-pole neutrik connection is provided and should be connected directly to the amplifier outputs.
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- » Left Neutrik 1 = Low (+ and -)
 - » Left Neutrik 2 = Mid (+ and -)
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- » Right Neutrik 1 = Low (+ and -)
 - » Right Neutrik 2 = Hi (+ and -)

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

REMARK

- For commercial cinema installations loudspeaker cable indications can vary per situation however as cable runs get longer, resistance increases. Thicker cable keeps that resistance low and ensures your speakers get the power they need.

The C124 needs a break-in period of at least 24h at a SPL in excess of 75dB

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