

CP Series Powered Loudspeakers

FAQ

Q. What does CP stand for?

A. CP is an abbreviation for “Compact Powered.”

Q. Why are there only two models in the CP Series?

A. The “C” in CP is the key here. The CP Series is designed to be ultra-compact with high performance and a simple user interface. A 12” loudspeaker that is the size of most 10” powered loudspeakers, and an 8” loudspeaker that offers class-leading performance in a conveniently small cabinet gives you the ability to have a high-performing sound system in places where space is at a premium or weight is relevant for ease of transport.

Q. How does CP series performance compare to K or K.2?

A. QSC maintains very high standards for audio performance for all loudspeakers. This is equally true for CP series. That said, K and K.2 models are capable of producing greater acoustic output than comparable CP series models.

Q. What are the Contours used for?

A. The six (6) Contours are application-specific settings that voice the loudspeaker depending on how you intend to use it.

- **Default** – The standard, factory voicing of the loudspeaker for use with live music, program music, or instruments.
- **Default Ext Sub** – The standard, factory voicing of the loudspeaker with an 80 Hz high-pass filter for use with live music, program music, or instruments, and an external subwoofer (like the KS112).
- **Dance** – A voicing with low frequency enhancement and mid/high clarity more suitable for program material playback like pop or electronic music.
- **Dance Ext Sub** - A voicing with low frequency enhancement and mid/high clarity more suitable for program material playback like pop or electronic music, with an 80 Hz high-pass filter for use with an external subwoofer (like the KS112).
- **Floor Monitor** – A voicing for a full, balanced sound when used as a wedge monitor, giving added stability when live microphones are nearby.
- **Speech** – A voicing (Channel B only) that gives clarity and stability when used with either a hand-held dynamic microphone or headset microphone.

Q. What is the crossover setting if I use an “Ext Sub” Contour?

A. 80 Hz

Q. What is the Mic Boost button for on Channel B?

A. When pressed, a +25dB boost will be applied to Channel B. A yellow LED will indicate that the Mic Boost is engaged. This is for use with most dynamic, hand-held microphones or audio sources that have a low line level signal.

Q. How many pole cups does the CP Series have?

A. A single zero degree pole cup is located on the bottom of the loudspeaker.

Q. Can I daisy chain loudspeakers together?

A. Yes. Simply plug your audio source into Channel A, B, or C on the first CP Series loudspeaker, and connect the Mix Out to the Channel A input of the next loudspeaker in the line. Repeat as necessary. A maximum of 4 loudspeakers (3 daisy chains) is recommended to maintain a low noise floor in the system.

Q. Does the CP Series have Bluetooth connectivity?

A. No.

Q. Is the 3.5mm TRS mini-jack input (C IN) actually stereo?

A. It will accept a stereo source, but will always sum this down to Mono.

Q. I don't see a fan vent on the amplifier panel. Is the CP Series convection cooled?

A. Yes. The amplifier module does not require a fan to stay ventilated and cooled during use.

Q. Can I plug my Hi-Z instrument (guitar/bass/etc) directly into an input on the CP Series?

A. The CP Series does not have a dedicated Hi-Z input function, so it is recommended to use a passive DI box for connecting those types of instruments to a CP Series input.

Q. Can I permanently mount the CP Series in an installation?

A. Yes. By utilizing the YOKE bracket accessory (sold separately) you can mount either CP Series loudspeaker horizontally or vertically to any solid surface. (See local rigging codes for rules and guidelines.)

Q. Does the CP Series utilize the same amp as the legacy K Series?

A. No, the amplifier in the CP Series is an all new, convection-cooled Class D amplifier that is distributed (800 W + 200 W Peak) to give the woofer and the compression driver more appropriate power for optimal performance.

Q. Can I mix and match my CP Series with K, K.2, or KW Series loudspeakers?

A. It is best to avoid covering the same listening area with different loudspeakers, but mixing and matching different loudspeakers for different jobs is fine. For example if you are using K.2 loudspeakers for your mains and CP for your monitors, then this will work perfectly fine. What is not recommended however is attempting to “array” CP loudspeakers alongside K, K.2, or KW Series within close proximity. For broader coverage, two or more loudspeakers may be splayed (aimed so that the horizontal coverage of the loudspeakers has minimum overlap). For best results, this should always be done with identical loudspeakers.

Q. How many CP Series loudspeakers can I use on a standard 15A circuit?

A. With the low current draw of the incredibly efficient Class D amplifier in CP Series, you can use up to ten CP Series loudspeakers on a 15A circuit.

Q. What accessories are available?

A. Both CP models will have a tote bag, outdoor weather cover, and yoke (U-bracket) mounts available.

Q. What does the Limit LED indicate?

A. The Limit LED flickering on and off with dynamic peaks in the music is normal operation. If the LED is lit continuously, the loudspeaker is protecting itself from excessive level and there may be degradation in sound quality.

