

CONTOUR CT212

2024 INAVATION TECHNOLOGY AWARD

The Contour CT212 is a horn-loaded 3-way passive loudspeaker capable of delivering a maximum SPL of 145 dB and is only 18" wide and 30" tall. This is a powerful and efficient loudspeaker built with premium materials and craftsmanship that sounds full and present with an incredible lack of distortion and clarity at high SPL for a box of its size while still sounding intimate at lower volumes.

The Contour took two years to develop by Lou Mannarino, Designer at 1 SOUND, and 1 SOUND's Research and Development Lab in Italy. The inspiration for this point source comes from the history of a constant directivity horn along with Lou's life's work as a front-of-house engineer and his needs in the field. Much of 1 SOUND's loudspeaker designs are inspired by microphones, meaning the consideration of what you do not hear. This Contour CT212 has unprecedented clarity and constant directivity down to 200 Hz, providing great control. For integrators, this results in better room sound for installed audio because of fewer room reflections and the lack of distortion, as well as cleaner sound in theatres, lecture halls, and churches because of the reduced sound pollution on stage for the microphones.

This horn-loaded point-source enclosure combines two 12" low-frequency drivers with a coaxial mid-high compression driver that uses a 4" plus a 2.5" voice coil. The CT212 delivers a controlled 100° x 50° dispersion pattern, maintaining constant directivity down to 200 Hz, with a bass response down to 55 Hz. It has a long throw that maintains its directivity in the far field. The reason this cabinet is so compact for its ability is because of its build quality and design. The design of the cabinet and the reasons for certain hatches and metal components on the box allow for the elements to fit optimally for the audio design, resulting in a smaller box.

The Contour has a magnetic grille which provides a simple and sleek aesthetic. However, it can be easily removed to showcase the horn design for a more exciting and attention-grabbing look. Like all 1 SOUND loudspeakers, the Contour CT212 is offered in custom colors and finishes with various grille fabrics available. This IP55 loudspeaker is useful for medium to large-scale installations and live production audio. Another reason why the Contour stands out is because of the complementing rigging options and accessories that are available. The Contour accessories make no sacrifices in their premium materials and optimal design for easy use.



Video: Lou Mannarino explains the Contour Series

The Contour CT212 prototype of production was premiered and installed this past summer in an outdoor beach club that hosts headlining international DJs. HQ2 Beach Club had installed the CT212's smaller predecessor, the CT28 in the summer of 2022, when they introduced an exclusive 1 SOUND audio design for this club. The club's Director quickly became a fan of 1 SOUND and their system after the initial season, so they were excited and wanted to be the first club to have the new Contour CT212. Utilizing two CT212s as the main left and right for the dance floor, these loudspeakers managed to surpass the client and the audio designer's expectations. The club manager credited the upgraded 1 SOUND system for having their most successful and profitable season since they opened in 2018. Every day was sold out, the headliners were happy and impressed, guests



Steve Aoki performing at HQ2 Beach Club

stayed longer due to less ear fatigue, and they were able to cut their rental costs due to the success, usability, and weather-withstanding quality of their 1 SOUND audio system.

Integrators who have used the Contour CT212 are impressed with the audio quality and find themselves happily getting back to audio basics by not having to purchase and manage multiple line array boxes in applications where a single CT212 point source satisfies the need and delivers quality audio. The Contour Series has inspired installers and production companies to feel like they are ahead of the curve in supporting and trusting this newer American-made brand, 1 SOUND.

TESTIMONY



"Reception to the new 1 SOUND system has been **overwhelmingly positive!** Board members and patrons have remarked how the **speakers disappear** into the architecture of the theatre and in other places they actually enhance the ornateness of the building. **Traveling artists and sound engineers** have appreciated the **even coverage and sonic clarity** of the new system."

- Sean Pedrick, Technical Director at Levoy Theatre



"**This speaker is insane, a monstrous amount of SPL, 1 SOUND's signature clarity with no distortion, and in such a small box!** I see myself choosing this speaker time and time again."

- Angelo Poulos, CEO of Anthem Productions