

The Quint Audio C30 is a high performance full range Active Noise Cancelling (ANC) loudspeaker designed for near- and mid-field PA applications in clubs and halls.

As with all Quint Audio loudspeakers, utmost attention was given to perfect constant directivity. In the mid-high area the C30 therefore is equipped with a powerful large format coaxial driver mounted on a highly accurate CD-horn with a dispersion pattern of 70x40 degrees HxV. On top of that, in the C14 a special way of cross-over filtering is applied.

The crossover filters are set in such a way that in the mid frequencies the coaxial driver and the woofer work parallel in perfect coherence over a large bandwidth. This results in a much more homogeneous dispersion and a huge surplus in dynamic headroom in the x-over area which also strongly supports the clarity and dynamics of vocals, especially off-axis.

Active Noise Cancelling functionality is created by the use of two 15" woofers in each side of the C30 that are working together with two 15" woofers in the front in order to create a controlled dispersion with maximum full range output on the front side and minimum overspill on the area around and behind the system. With ANC you will be able to create more sound pressure in front of the speaker while the amount of sound energy on the back is minimized.

The Active Noise Cancelling C30 can be used with standard settings or can be tuned in to a specific room with specific distances to the walls for maximum noise cancelling efficiency.

DESIGN:

The Quint Audio C30 is an active noise cancelling 4x15"/1x4"-2.5" coaxial 4-way, 3 channel DSP controlled loudspeaker with a very well defined dispersion of 70 degrees horizontally x 40 degrees vertically.

The C30 is built of birch plywood and equipped with a wear, tear and impact-resistant coating. The cabinet features several rigging points and accessories for mounting.

Two SpeakOn8 connection points are positioned on the back of the cabinet. The front and side speakers are finished by a coated steel grille and back covered with an acoustically transparent layer.



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| MODEL | C30 |
| type | 2x15"/2x15"ANC/4"/2.5" coaxial |
| filter | 3-channel DSP control |
| power handling | Front 2400W / ANC 2400W / 110W MF-HF |
| program power | Front 4800W / ANC 4800W / 220W MF-HF |
| impedance | LF & ANC 4Ohms / MF & HF 8Ohms |
| sensitivity | Front & ANC 100dBWm / MF-HF 109dBWm |
| program SPL 1m | Front 134dB & ANC 134dB / MF-HF 130dB |
| peak SPL 1m | Front 140dB & ANC 140dB / MF-HF 136dB |
| frequency range | 40Hz-18kHz |
| dispersion | 70°Hx40°V |
| weight | 85 kg / 187 lb |
| size (wxhxd) | 900 x 490 x 830 mm 35.4 x 19.3 x 32.7 inch |

