

The Quint Audio C15 is a constant curvature arrayable loudspeaker module intended for permanent installation in acoustically and architecturally demanding environments such as clubs, churches and theaters.

The C15 can be used as a horizontal fixed angle array as well as a vertical fixed angle array and it excels in full range capability with a very accurate 20 x 90 degree dispersion per single cabinet.

As with all other Quint Audio loudspeaker systems, a great deal of attention was given to achieve optimum constant directivity. The 15" woofer therefore is already crossed over to the horn at 650Hz which is made possible by the use of a high power coaxial large diaphragm behind the horn.

This way the system provides maximum control over the mid and high tones, resulting in a minimum interference between adjacent modules. This reveals itself in a homogeneous, clear and open wave front both within a single cabinet and when many cabinets are linked together.

Unlike modular line arrays, the constant curvature C15 is designed to connect directly to an adjacent cabinet, with no splay angle in between. This principle greatly simplifies array configuration and - in comparison with point sources- it offers the advantages of an arrayable speaker such as scalability and coupling.

With the C15 simply add up the number of cabinets you need to reach your determined coverage and you are good to go.

**DESIGN:**

The Quint Audio C15 is a 1x15"/1x4"/1x1.5" front loaded 2-way actively filtered full-range bass-reflex loudspeaker system with a constant curvature of 20 x 90 degrees.

The C15 is built of birch plywood and equipped with a wear, tear and impact-resistant hybrid coating.

The C15 features several rigging points and accessories that facilitate both horizontal and vertical mounting as a single unit or in an array. It has two SpeakOn4 connection points on the back.

The front is finished by a coated steel grille and covered with an acoustically transparent layer.



<b>MODEL</b>	C15
type	15"/4"/2.5" arrayable module
filter	bi-amplified
power handling	1200W LF / 110W HF
program power	2400W LF / 220W HF
impedance	8 Ohms
sensitivity	97dB LF / 108dB HF
program SPL	127dB LF / 128dB HF
frequency range	40-18000Hz
dispersion	90°Hx20°V
weight	25 kg
size (wxhxd)	730x420x510mm

