

APart

# MANUAL



## **CMRQ108C**

*Elegant and very natural sounding in-wall/in-ceiling speaker.*



## **Elegant & Natural**

The APart CMRQ108C is an elegant and very natural sounding in-wall/in-ceiling speaker, predestined to be used as a home theatre center speaker, but also usefull as hifi speaker in other applications. Easy to integrate in high-end audio chains, cinema surround systems or even high quality BGM systems, this speaker offers a soundstage, unheard in this price range.

Due to the narrow visible mounting flange and paintable detachable steel grilles, the speakers can be integrated very discretely in even the most demanding environments, in your living room, connected to your multiroom system, hifi or cinema surround audio system....

Turn your living room walls into a wall of sound, at the highest possible hifi standards, exactly there where you feel at home.

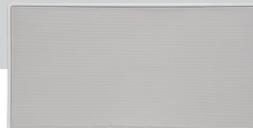
## **Recommended applications**

- ***Multi Room audio systems.***
- ***Home Theatre systems.***
- ***Lounges, Bars, Boutiques.***
- ***Board rooms & Offices.***
- ***Convention Centres, Hotels, sports facilities.***

CMRQ108C has two 5.3" bass-mid speaker units with a DuPont® Kevlar cone and a low loss rubber surround. This guarantees highest possible definition and lowest sound coloration. High frequencies are covered by a 1 inch silk dome tweeter, carefully matched and tuned to deliver an amazing and detailed sound, without the harshness commonly found in cheap metal alloy domes. The treble contour can be adjusted in 3 steps to suit your personal preferences.

CMRQ108C impedance is 8 ohms. Mounting is easy and straightforward. The speaker clamps accept wall thickness of 0 to 28 mm. By using our optional in-wall mounting frame, you can install the speaker even in solid brick walls. Speaker cables are securely clamped in the gold plated cable connectors, accepting thick speaker cables up to 6 mm<sup>2</sup>.

The CMRQ speakers are not magnetically shielded, this is not necessary unless you install them close to a CRT screen. Flatscreens, the ideal partners for the CMRQ speakers, are insensitive to magnetic fields. Instead we have invested in solid gold plated speaker wire terminals, a carefully tuned crossover with high quality components, solid steel speaker grille and of course top notch quality drivers. You will hear the difference ! Ideally, you should position the speaker(s)



## **Speaker positioning**

horizontally, on ear level or above, with the tweeter on top. When you need to position the speakers below the listening position, mount the speaker with the tweeter positioned in the lower position. Avoid the presence of wall corners, because these will augment reflections and low frequencies, causing an unstable stereo image and boomy bass.

If possible, mount the speaker(s) in the middle of your flatscreen TV. For hifi setups, mount the speakers between  $\frac{1}{2}$  and  $\frac{2}{3}$  of total wall height, for walls up to 3 meters height, and stay at least 50 cm clear of adjacent walls and the ceiling.

## **Treble contour**



The treble contour can be adjusted in 3 steps to suit your personal preferences.

## **Mounting instructions**

Recommended minimum installation volume: 7 liters. By using our optional in wall speaker frame/cabinet, the optimum cabinet volume is guaranteed, however, there is no upper volume limit. When the speaker is installed in a space with hard materials, such as bricks or concrete, additional cavity damping may be required. Suitable materials are mineral insulation materials, such as rockwool, or BAF (bonded acetate fibre). Hard foam materials such as polystyrene and other polyfoams are not suitable. Make sure the damping materials used meet all fire and building regulations and requirements. Check that there are no obstacles such as electrical tubes, wires or other pipes behind the speaker. Make sure the area behind the speaker is free of dust and small particles, such as small stones. In cases of doubt, protect the rear of the speaker with a small amount of BAF wadding.

To make grille removal easier, a special grille removal tool is supplied with the speakers. Insert the tool end in a grille hole located at the corner of the speaker and gently pull the grille out. Repeat this step on all corners until the grille is entirely free. Do not attempt to pull out the grille by pulling one side of the grille only, this may cause damage to the grille or the frame. Keep the tool at hand in case you need to remove the grille.



## General technical specifications

Speaker type	in-wall/in-ceiling, two way hifi.
Bass-mid speaker	2 x 5.3' DuPont® Kevlar cone
Tweeter	1' soft dome
Nominal impedance	8 ohms
Recommended amplifier power	15 to 100 watts per channel
Tweeter level adjustment	3 level treble contour switch
Crossover frequency and slope	3000 Hz, 12 dB/oct
Frequency range	55* – 25000 Hz
Sensitivity	88 dB spl (2.83V/1m)
Dimensions outside H x W	176 x 346 mm
Cutout dimensions H x W x D	153 x 323 x 69 mm
Accessories supplied	grille removal tool, build-in template

*\*low frequency limit depends on room size, backspace volume, damping, proximity of adjacent walls etc...*

### ANY SUGGESTION?

***They are well appreciated and eventually rewarded!  
Send your ideas or suggestions to***

***suggestions@apart-audio.com***

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