

Cox165_vPA

Professional 6.5" coaxial.

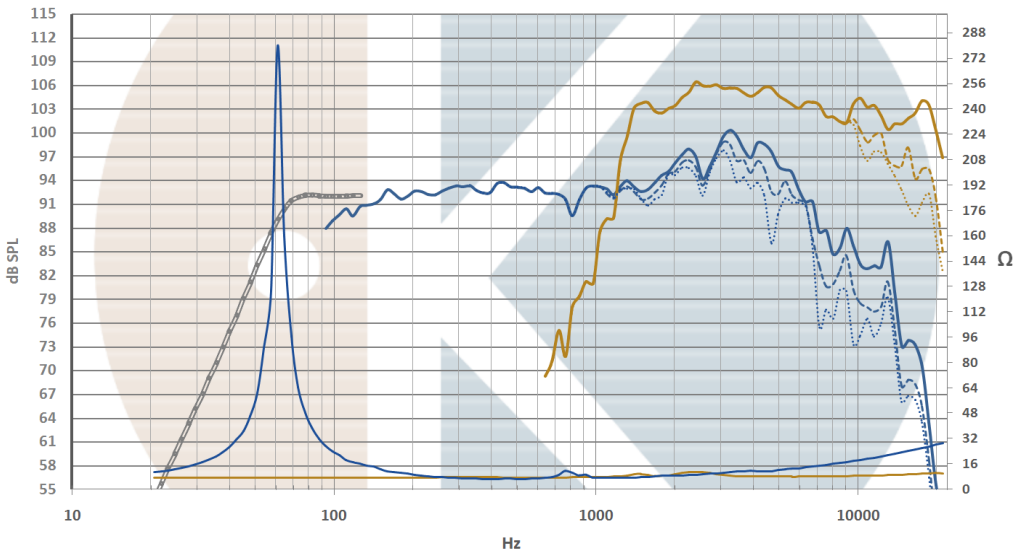


Cox165_vPA is a professional coaxial loudspeaker, designed to cover 65 - 20 000Hz (-3dB).

Thanks to the advanced motor structure, the Carbone fiber cone and the linear suspension, the mid-woofer has very low THD, and very dynamic sounding.

The compression driver uses Neodymium magnet, Mylar dome and integrates heat sink for better power handling.

We suggest a crossover point around 2800Hz, 12dB/Oct.



On IEC baffle / Distance: 1m / Signal input: 2,83V / Dash curves: 40° / Blue: Woofer - Yellow: Tweeter
 Impedance measured in free air / Smoothing: 1/12 Octave
 Curve below 120Hz is simulated in 10L vented enclosure, $F_c = 66\text{Hz}$

Cox165_vPA

Our products can be adapted to your technical requirements and brand spirit.

www.Kartesian-acoustic.com , Made in France



Advanced construction

Membrane

W: Carbone / **T:** Aluminum

Suspension (woofer)

Low lost - NBR material

Innovative dynamiK spider

Voice coil:

W: Ø36mm, Cu wire / Polyimide former

T: Ø25mm, CCA wire / KSV former

Motor structure:

W: Dual magnets (Fe + NdFeB)

15600 Gauss on 5mm height

T: NdFeB magnet

14600 Gauss on 2.2mm height

Frame

W: Injected aluminum, vented spider

T: Aluminum, heat sink integrated

T&S (Woofer)

Fs 61Hz
SPL 93.5dB/2.8V/1m
Re 7Ω

Qms 16.4
Qts 0.257
Bl 9.93N/A

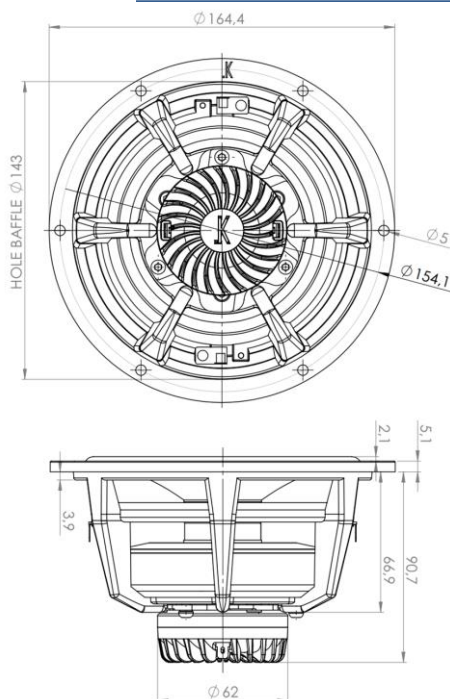
VAS 14.01L
Mms 9.6g
Sd 118cm²

Linear excursion: +/-4.5mm

Maximal excursion: +/-8mm

Nominal power: 150W

Maximal power handling: 250W
(with high pass filter at 45Hz - 12dB/Oct.)



Integrated innovation



.Kompliance



.dynamiK spider



.Konstant Le(X)



.monoKore



.Kooling

Visit our website to discover our innovation

Cox165_vPA

Our products can be adapted to your technical requirements and brand spirit.

www.kartesian-acoustic.com , Made in France

