

# Cabasse



## IROISE 3

UNRIVALLED MUSIC EXPERIENCE

Fitted with a co-axial BC13 midrange-tweeter, Iroise 3 offers the accuracy in timbres and the realism in sound stage that meet the expectations of both audiophiles and professionals. Let yourself be carried away by the tempo, the dynamics and the musical richness of the Duocell based woofers, initially designed for studio monitors.

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# IROISE 3

## COAXIAL MIDRANGE TWEETER

Developed from the TC23, the three-way co-axial driver fitted to the top of the range speakers, including the flagships "La Sphère" and "l'Océan", assembled and controlled in our Breton workshops in Western France, the BC13 guarantees a faithful reproduction of timbres with no artificial coloration or lassitude in long listening, and provides a soundstage with unrivaled realism and depth.

## DUOCELL CONE WOOFERS

The 21 cm woofers of Iroise 3 are fitted with a Duocell cone designed by Cabasse and manufactured by Cabasse robots. The very light, but rigid and nicely damped membrane has an exponential profile and variable thickness, to obtain the most of long throw systems and powerful magnets. They bring the full precision and vivacity required for high fidelity, true to live, sound.

## CROSS-OVERS WITH VARIABLE SLOPES

The Cabasse development protocol combines numerous measurements in an anechoic room, combining on-axis and 360° results. It guarantees a perfect control of both the directivity index and the total radiated power all along the frequency bandwidth to match the SCS principles. It is a key process, together with listening sessions, in the development of the cross-over boards. The slopes can vary from 6 to 24 dB per octave for an optimal acoustical phasing, taking into account the influence of the external shape of the enclosure to optimize the qualities of the co-axial drive-units.

## SPECIFICATIONS

Position	Floorstanding
Ways	3
Drivers	BC13 coaxial midrange-tweeter: 12 cm ring - 2.7 cm dome Woofers: 2 x 21 cm Duocell
Cross-over point	800 Hz - 3 600 Hz
Frequency response	50 - 24 000 Hz
Sensitivity 1 W / 1 m	92 dB
Nominal Impedance	8 ohms
Minimum Impedance	3,5 ohms
Power Handling	150 W
Peak Power	1 000 W
Dimensions (h x w x d)	116 x 32 x 42 cm
Weight	35 Kg
Finishes	Glossy black, Glossy white