

KARIS 



[www.diapason-italia.com](http://www.diapason-italia.com) - [info@diapason-italia.com](mailto:info@diapason-italia.com)  
DIAPASON Via Fura, 40  
25125 Brescia Italy  
Ph: +39.030.3384096



KARIS 

 DIAPASON

## KALÒS KAI AGATHÒS

The Good and the Beautiful, this is the idea of beauty handed down to us from ancient time by the Greeks.

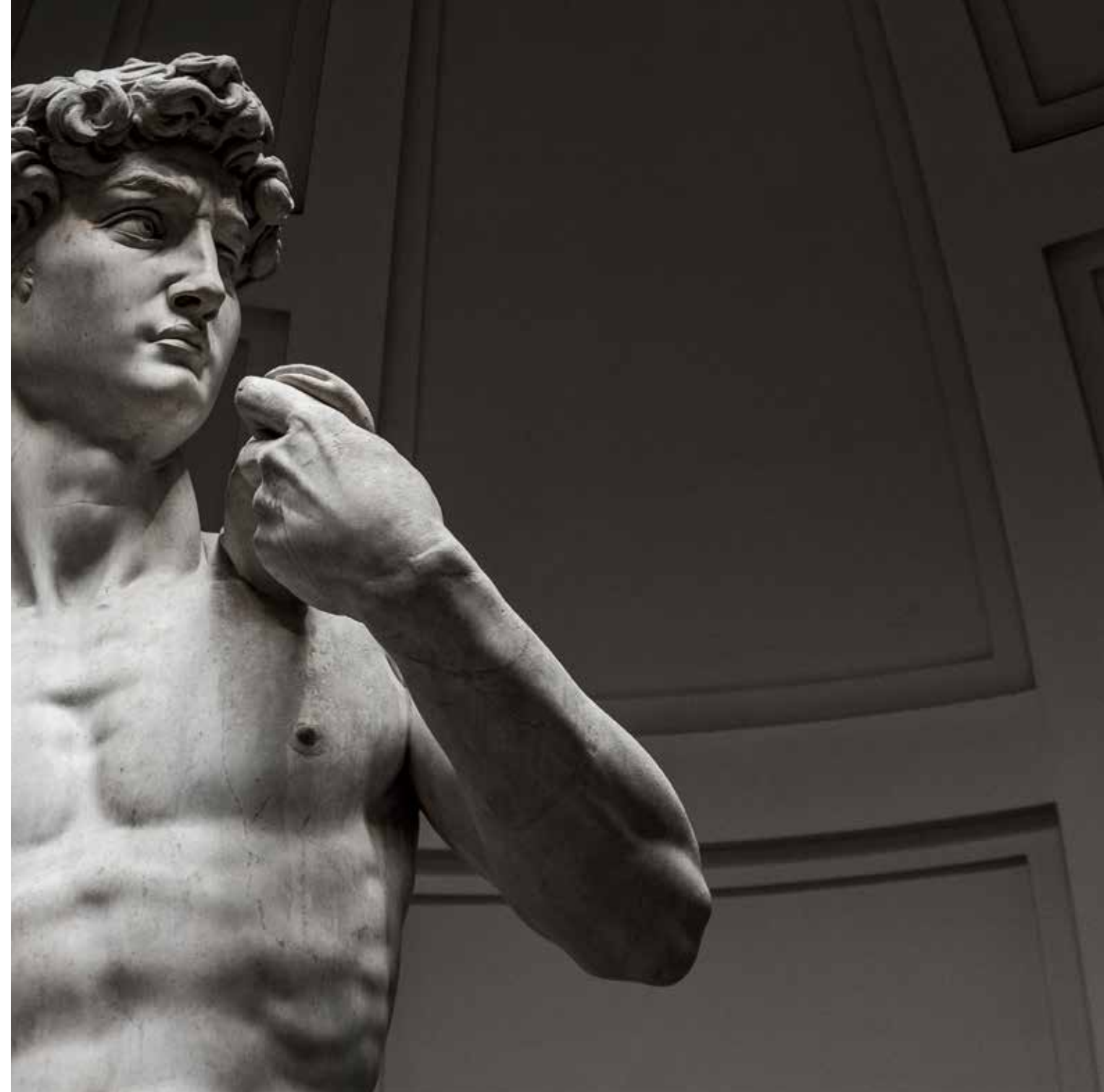
Two words that encompass a very important concept: beauty cannot exist without harmony, true harmony cannot exist without beauty; what is truly beautiful must possess both qualities and becomes a value that radiates its surroundings and lives on in time.

Beauty is therefore the result of an equilibrium that mankind may reach through a way of constant search and perfecting, in life, in art, in the forms he creates.

So the beautiful is what we see, the good what is essentially intrinsic to the beautiful and one cannot be without the other.

In art and in its expressions this concept clarifies itself because the work of art addresses all of our senses and allows us to enjoy the fullness of beauty, which is not motionless and static, but a continuous and passionate work to approach the perfection of the cosmos, the movements that determine the rising of the sun and the arrival of nighttime, the seasons, the life of mankind itself.

Renowned Italian Arts masters throughout the ages have worked and work towards this ideal of beauty that far from being contemplative necessitates recognition that passes through our sight, our sense of touch, of hearing and straight and incisive comes to the soul.



# THE GOOD:

ALESSANDRO SCHIAVI

Thirty years dedicated to the design and manufacture of loudspeakers and a great love: the music.

A passion born in between the halls of the Conservatory of music and the live registrations of the International Piano Festival of Brescia and Bergamo in the sixteenth century Teatro Grande in the city of Brescia.

The meeting with the Italian violin-maker and friend Filippo Fasser with whom he shares the enthusiasm for the construction of musical instruments hand carved from solid wood, aged with patience and care for decades, and from which he takes inspiration for the choice of the most suitable material for the making of loudspeakers.

Solid wood is alive in time, acoustically ideal to reproduce the harmonics which cause to vibrate the deepest cords of our emotions while we listen to music.





The study of innovative and unconventional shape in loudspeaker's design, not only for aesthetic reasons but foremost acoustical, perfected by expert wood worker artisans for the manufacture of the diamond-like multifaceted cabinet, is the result of an antique and consolidated tradition in the working of solid wood.

The continuous research for the best technological and construction solutions aims to obtain the reproduction of music as close as possible to naturalness, tri-dimensionality and realism of the live music, fully recognizable to the ears of those who have listened to the velvety sound of a violin or the harmony and fullness of a live voice.

Alessandro Schiavi founder and designer of DIAPASON loudspeakers has never let himself feel fully satisfied by the results achieved, driven by that passion aiming to a more perfect realization of the idea, the inspiration, the talent stemmed from his creative genius.

In every loudspeaker he designed, the cabinet's elegance and beauty meet the matter that welcomes them, becoming the instrument for listening to music in which the creator reaches his highest value in what he creates.

# THE BEAUTIFUL:

ANTONIO COMINI

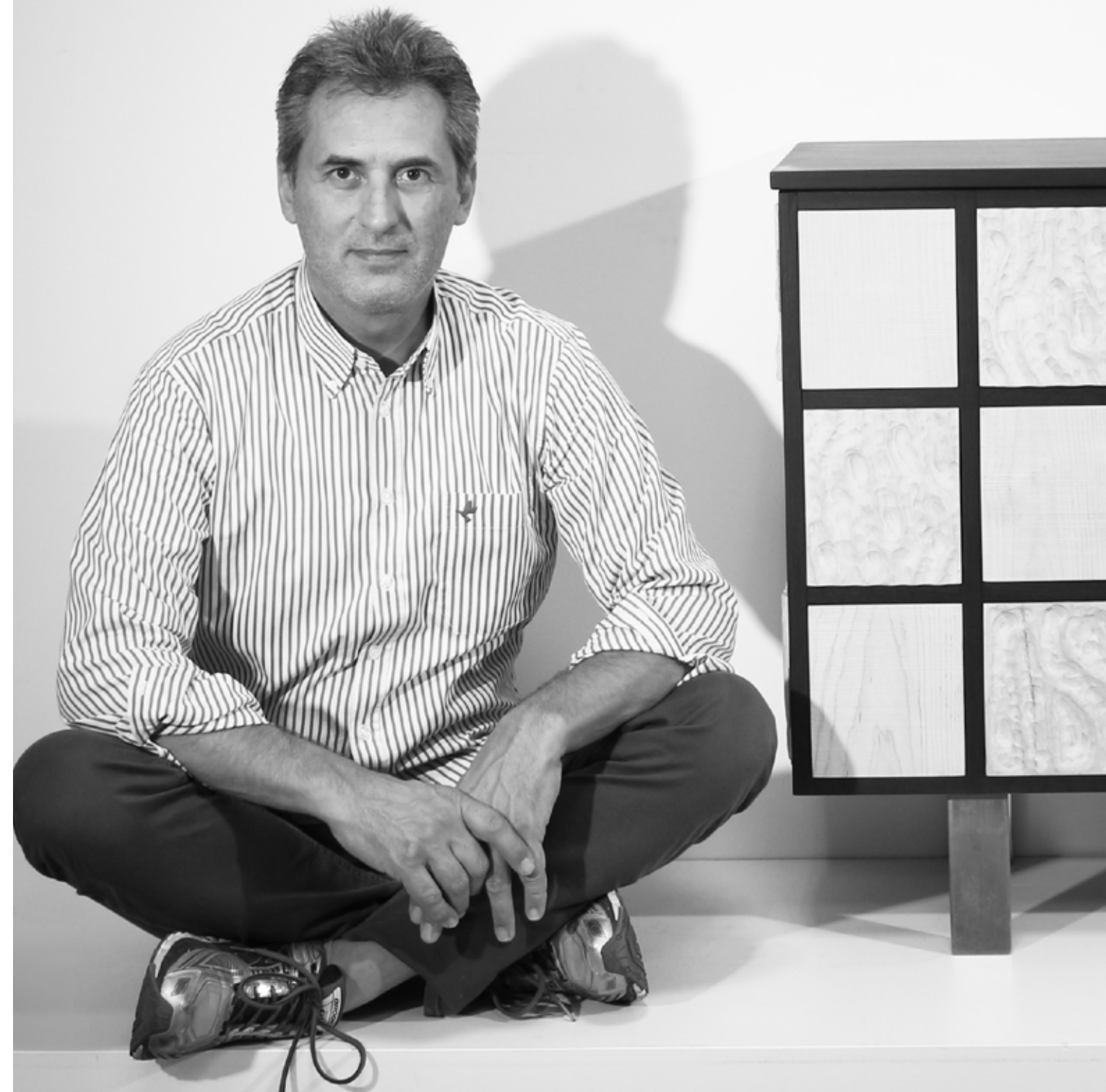
Antonio Comini carries out his activity as designer and wood-carver in Brescia where he carries on the tradition and passion for wood hand-working garnered from his grandfather Vittorio and his father Mario.

He designs and fashions unique pieces of furniture in solid wood, with a spirit of continuous research and innovation for over thirty years.

Still today, the design, the choice of materials, the cutting, gluing, the carving, planing and sanding, are carried out rigorously by hand to transform natural wood into works of art.

Antonio Comini has always cultivated profound ties with the world of Art from which he draws the creative legacy of contemporary and past thought.

The Beautiful becomes the aim, Perfection an instrument to reach it with accurate and skilled touches.





While forming soft curves, edges and deep lines, from the wood slowly emerge the forms that remind nature: water, ice, sand dunes, rocks and earth modeled by the burning sun, in a homage never given for granted to Mother Earth.

It is a dream that which Antonio Comini realizes each day when he enters his artist workshop, where, surrounded by the perfume of wood chippings and by the sound of the chisel, he gives life to a story which is never ending.

Like the last page of a book, when all the wooden veins of the oak, of the walnut and olive tree tie together to perfection, the fire of his trademark seals another story of passion.





# THE MEETING

“Waves in movement on the desert sand dunes shaped by the wind.

Waves modeled by water on the shores of seas and waterways.

Waves sculpted in wood, lines playing with the grain of a live material, gift of the Earth.

Another voyage inspired by the Elements and Nature of which we are part.”





In 2015 Alessandro Schiavi meets the artist Antonio Comini in occasion of the exhibit “DESARTIFICATION” at the Galleria Sabrina Raffaghello Contemporary Art in Milan, where he shows his works inspired by the forms of nature.

Works and furnishing accessories carved in solid wood like sand dunes in the desert or waves formed by the sea in the sand.

A new idea is born from this meeting, why not to carve waves in the wood cabinet and to create a loudspeaker which is both a work of art, an exclusive and collector’s piece capable of accepting sound, music, in a shell of nature, almost an ideal bridge between sophisticated technology and absolute simplicity?

The diamond-shaped design of Karis and its small dimensions lend themselves perfectly to draw on its surface sand dunes modeled by the sea or by winds in the deserts, but also sound waves that spread in the air like the vibration of human voice or of a musical instrument: an emotional fusion between form, music, art and design.





# KARIS

DESIGN & CONCEPT



The design of Karis WAVE draws its origin from Alessandro Schiavi's thirty-year experience in the design and construction of DIAPASON loudspeakers, from his studies and research continuously in evolution especially focused on mini-monitor in solid wood.

Karis WAVE represents the excellence of minimalist expression of this research and aims to reach an ambitious purpose: the simplicity.

The basic philosophy is to reduce at minimum the distance between who is listening a piece of reproduced music and the live musical event, using as few electrical components and variables as possible in order to transfer all musical information from the original master.

Why to design a so tiny and multifaceted diamond-shaped loudspeaker? This is the design that comes closest to the ideal of the point source, to the optimal acoustical dispersion and circular emission of sound waves from the transducers.

The reduced cabinet's dimensions further minimize structural resonances and the result in listening is surprising: the loudspeaker simply disappears leaving on stage just the music and the emotion that only comes from the listening we can experience during a live performance. Holographically the sound stage is recreated in front of us.

The hand carved waves make each cabinet unique and inimitable and they considerably allow a more complete contribution of the acoustic signal reproduced, thanks to this closer to live music.





Karis WAVE is not just a loudspeaker, but it is a real musical instrument tuned precisely as a violin.

The cabinet is made in seasoned Canaletto Walnut staves, skillfully manufactured and assembled according to a traditional proceeding in order to make the structure stable in time.

Same as for a stringed musical instrument, the solid wood modeled in its appropriate form is alive and able of reproducing those harmonics that our sense recognizes as natural and harmonious.

These are the sounds of nature, the rustle of leaves in the trees or the birdsong, or the gurgling of stream water.





Matching with Karis WAVE an exclusive dedicated stand has been designed, made in Canaletto Walnut and brushed stainless steel.

The side panel fixed to the central column is carved from a solid piece of wood and it is sculpted in waves likewise as the loudspeaker.

The stand matches and harmonizes the elegance of the loudspeaker and bring out the preciousness and craftsmanship of wood work, further it contributes to the control of loudspeaker's cabinet resonances.



Alessandro Schiavi was able to find the perfect balance among all different elements at his disposal: cabinet shape and dimensions, quality in the choice of the materials, of the drivers and the cross-over.

The drivers are manufactured by the Norwegian SEAS based on DIAPASON specifications such as the 11 cm bass unit, equipped with a wide magnet that allows a more precise low frequency performance, defined and extended to the physical limit for loudspeakers of these dimensions.

Thanks to DDD (Diapason Direct Drive) technology a direct connection from the amplifier to the bass driver is allowed without the use of a low-pass filter in the cross-over.

The result of this system can be easily heard when listening: greater transient speed at low frequencies with no loss of sensitivity or phase rotation.

The 19 mm SEAS tweeter allows the use of only three components for the hi-pass filter and it is able to reproduce the musical information with great naturalness, details in the information, dynamic, linearity, richness of harmonics, precise reconstruction of the sound stage to the point of acoustically describing each individual instrument in its original position.





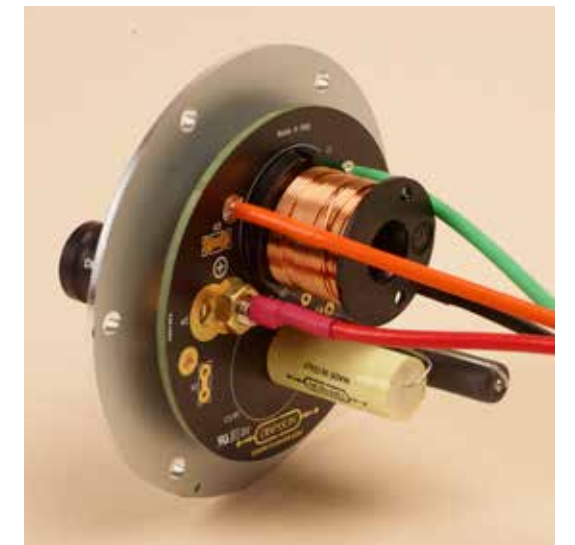
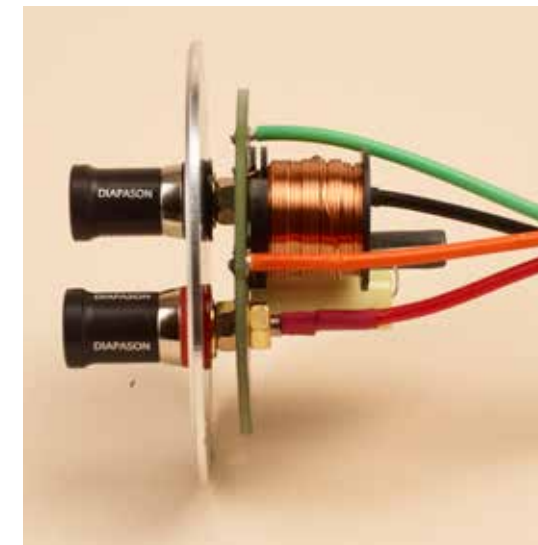
As on cabinet surface, light waves are carved inside the loudspeaker to further reduce internal reflections and to make the whole structure as much neutral as possible for music reproduction.

A new hi-pass crossover has been designed for Karis WAVE, with different technological solutions compared to other Diapason loudspeakers.

The new high thickness top quality circuit board reduces the dispersion of the electrical signal, allowing a perfect transients performance and being assembled directly on the connectors it grants a faster and direct signal's passage to the drivers.

Van den Hul SCS-12 is used for internal wiring allowing a significant dynamic in the sound reproduction and presence of the instrument in front of us, making the listening experience truly tangible and realistic.

The elegant connectors made by Diapason guarantee perfect contact with any system of cabling and are suitable for banana plugs, forks and cables up to 6 mm of diameter.



# KARIS

## SPECIFICATIONS

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Frequency response: 60/20.000 Hz

Bass driver: Ø110 mm Diapason Direct Drive, Black anodized aluminum former, poly-methylpentene cone, rubber suspension

Tweeter: Ø19 mm High Definition Sonomex soft dome tweeter with wide surround

Efficiency: 87 dB/W/m

Freq. crossover: 3.000 Hz

Nominal impedance: 8 Ohm

Min impedance: 7,2 Ohm/300 Hz

Max rated input voltage: 10 V a.c

Max rated input power RMS: 25 W

Max rated dynamic input power: 75 W

Type: rear-ported reflex speaker

Finish: Canaletto walnut solid wood, Natural Wood finishing

Internal wiring: Van den Hul SCS 12 Halogen free, 11 gauge, 19 strand single-lead, made of very high grade Matched Crystal (MC) OFC with dense and very pure silver coating by extrusion process

Weight per speaker: 4,5 Kg

Speaker dimensions: (W x D x H) 190x260x285 mm

Weight per stand: 12,60 Kg

Stand dimensions: (W x D x H) 274x274x900 mm



## SPECIAL THANKS & CREDITS

Project:  
Davide Capra & Chiara Galinotti

Producer:  
Chiara Galinotti

Photo:  
Davide Capra

Photo:  
Rinaldo Capra

Intro:  
Barbara Casella

Antonio Comini  
[www.cominimobili.com](http://www.cominimobili.com)

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