

Technical specifications

# Reference collection Didascalìa



**Audio Technologies Development**  
Since 1987

Via Fura 40, 25125 Brescia - Italy  
tel. +390303701234  
[www.diapason-italia.com](http://www.diapason-italia.com)  
[info@diapason-italia.com](mailto:info@diapason-italia.com)

**Technical specifications**  
**Didascalìa**

<b>TYPE</b>	Standmount 2 way, 2 speakers
<b>SOUND EMISSION</b>	Direct
<b>ACOUSTICAL LOADING</b>	Passive radiators, side emission
<b>CABINET</b>	Constrained layer damping mode construction, obtained by means of a main body equipped with "panzerholtz" sub-structural ribs coupled with CNC machined solid walnut slab/HDF sandwich construction outside wings. Internally carved, providing a portion of the loading volume. Aluminum CNC machined damp-shelves create an exo-skeleton, further optimizing the cabinet damping stiffness ratio. Virtually a resonance free construction. Solid walnut or black laquer finish.
<b>DRIVERS/INTERNAL WIRING</b>	<p>Tweeter: 29 mm mechanically decoupled, dispersion optimized, silk dome hand coated diaphragm, non-resonant Alu rear Chamber, symmetrical Drive (SD-2) motor large ring Neo Magnet. Diapason design, manufactured by Scan speak.</p> <p>Mid-woofers: 180mm air dried hand coated paper/nylon fiber pulp cone, copper rings reduce non-linear and modulation distortion and increase overload margin neodymium SD AirCirc magnet system, absolutely free compression. Diapason design, manufactured by Scan speak.</p> <p>Passive Radiators: 220 x 260 mm "racetrack" shaped diaphragm, sandwich construction paper/foam/paper for excellent pistonic behavior. Diapason design, manufactured by Scan speak.</p> <p>Van den Hul CS12 Halogen Free</p>
<b>CROSSOVER</b>	2500 HZ "Point to point" hardwired. Balanced circuitry. Jantzen C-Coil inductors, Mundorf Supreme EVO silver/gold Capacitors. Mundorf Supreme M-Resist
<b>FREQUENCY RESPONSE</b>	35 Hz – 30,000 Hz
<b>SENSITIVITY (2.83 V @1 m)</b>	90 dB SPL
<b>NOMINAL IMPEDANCE</b>	8 ohm
<b>WIRING OPTIONS</b>	Bi-wiring
<b>SUGGESTED AMPLIFIER POWER OUTPUT/LONG-TERM MAX INPUT VOLTAGE (IEC 268-5)</b>	50W – 250W, without clipping/25V rms

<b>DIMENSIONS INCLUDING (WxHxD)</b>	534 x 1245 x 552,3 / 600 x 1350 x 620 (mm)
<b>WEIGHT</b>	62 Kg each Net Weight, 74 Kg Shipping Weight 65 Kg each Net Weight, (Lacquer Black) 77 Kg Shipping Weight (Lacquer Black)
<b>PACKAGING CONTENT</b>	LOUDSPEAKER BOX: 1 Manual 2 Fabric dust guards 3 Van den Hul jumper wires
<b>SPECIAL FEATURES</b>	Passive units adjustable excursion

