



constellation

high performances

ACOUSTIC DESIGN

Most listening spaces are also living areas, and require a balance of acoustic friendliness and the interior design preferences.

The Constellation Line of loudspeakers was designed with this consideration in mind, and engineered to deal with the significant acoustic problems that affect most living spaces.

CHARIO

made in italy since 1975

details



VENTED NRS

T38 WAVE GUIDE

WOOFER 130 MM



THE WAVE GUIDE

MICROSPHERE PAINT

SOLID WALNUT



DELPHINUS
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CONSTELLATION PHOENIX



BACK OF DELPHINUS

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	Lynx	Delphinus	Cygnus	Pegasus	Ursa Major
CONFIGURATION	2-way Bookshelf	2-way Bookshelf	3-way Free-Standing	3-way Free-Standing	4-way Reversed Vertical Alignment Free-Standing
DRIVERS	1 Tweeter 38 mm Soft Dome 1 subwoofer 130 mm paper compound	1 Tweeter 38 mm Soft Dome 1 subwoofer 160 mm paper compound	1 Tweeter 38 mm Soft Dome 1 woofer 130 mm paper compound 1 subwoofer 130 mm paper compound	1 Tweeter 38 mm Soft Dome 1 woofer 160 mm paper compound 1 subwoofer 160 mm paper compound	1 Tweeter 38 mm Soft Dome 1 Midrange 130 mm paper compound 1 woofer 160 mm paper compound 2 subwoofer 160 mm polymeric compound
SENSITIVITY	87 dB SPL normalized to 1 m/2.83 Vrms/ de-correlated L/R pink noise in ITU-R BS 1116-1 compliant listening room	90 dB SPL normalized to 1 m/2.83 Vrms/ de-correlated L/R pink noise in ITU-R BS 1116-1 compliant listening room	87 dB SPL normalized to 1 m/2.83 Vrms/ de-correlated L/R pink noise in ITU-R BS 1116-1 compliant listening room	87 dB SPL normalized to 1 m/2.83 Vrms/ de-correlated L/R pink noise in ITU-R BS 1116-1 compliant listening room	91 dB SPL normalized to 1 m/2.83 Vrms/ de-correlated L/R pink noise in ITU-R BS 1116-1 compliant listening room
FREQUENCY @ -3dB	67 – 20000 Hz	55 – 20000 Hz	50 – 20000 Hz	45 – 20000 Hz	35 – 20000 Hz
OVERLAPPING POINTS	1500 Hz	1500 Hz	170 / 1500 Hz	170 / 1500 Hz	280 / 800 / 1250 / 1450 Hz
RATED IMPEDANCE	Modulus 4 Ω (min 3.0) Argument ±36°	Modulus 4 Ω (min 3.0) Argument ±36°	Modulus 4 Ω (min 3.0) Argument ±36°	Modulus 4 Ω (min 3.0) Argument ±36°	Modulus 4 Ω (min 3.0) Argument ±36°
LOW FREQUENCY LOAD	Vented NRS	Vented NRS	Vented NRS	Vented NRS	Vented NRS
CABINET	Solid walnut and hdf	Solid walnut and hdf	Solid walnut and hdf	Solid walnut and hdf	Solid walnut and hdf
SPEAKER ORIENTATION	Speakers should be titled inward facing the listener	Speakers should be titled inward facing the listener	Speakers should be titled inward facing the listener	Speakers should be titled inward facing the listener	Speakers should be titled inward facing the listener
LISTENING LAYOUT	A carpeted floor in front of the speakers is recommended	A carpeted floor in front of the speakers is recommended	A carpeted floor in front of the speakers is recommended	A carpeted floor in front of the speakers is recommended	A carpeted floor in front of the speakers is recommended
SIDE AND BACK WALLS					Should be at least 1m away from the speaker front baffle
SIZE	360 x 200 x 200 mm (H x W x D)	410 x 230 x 330 mm (H x W x D)	955 x 200 x 270 mm (H x W x D)	1030 x 230 x 370 mm (H x W x D)	1400 x 250 x 610 mm (H x W x D)
WEIGHT	10 Kg	12 Kg	17 Kg	26 Kg	60 Kg
SUGGESTED AMPLIFIERS	Rated for 60 W / 4 Ω Average Power	Rated for 70 W / 4 Ω Average Power	Rated for 80 W / 4 Ω Average Power	Rated for 100 W / 4 Ω Average Power	Normal Amping Rated for 140 W / 4 Ω Average Power Bi-Amping 100 W / 4 Ω Average Power

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URSA
MAJOR



details



WOOFER 160 MM

CONNECTIVITY

SUBWOOFER



2 PIECES



1.BOTTOM CONNECTORS



2.BOTTOM CONNECTORS

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CLOSER VIEW TO
VENTED NRS

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SELECTED SIDE PANELS



HANDCRAFTED



PEGASUS
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Our finished products are the synergies of path-breaking technologies, precision engineering, and a heritage of unrivaled Hebanistic craftsmanship. Using only materials from Italy, our attention to the treatment, processing, and final fit and finish creates a speaker cabinet of extraordinary rigidity and visual beauty.

Wood treatment alone requires six months, and six different production departments to ensure quality never falls short of perfection. Coupled with our proprietary driver technologies and arrangements, all Chario Loudspeakers are hand assembled in Italy, in Chario's own production facilities.



CHINA/HONG KONG OFFICIAL DISTRIBUTOR

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