DICO-C100 BK

100W IP66 2-WAY SLIM COLUMN SPEAKER BLACK

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The HELVIA DICO series column speakers were designed to bring together two key elements: acoustic performance and modern aesthetics.

Each model uses **50×90mm full-range drivers** with a **slim, runway-shaped profile** -equivalent to a standard 2.5" transducer - paired with **1" point-source tweeters**. This setup works like a **mini line array**, minimizing unwanted reflections from floors and ceilings. The result is **crystal-clear voice reproduction** and enhanced overall definition across the full frequency range, from **120Hz up to 20kHz**.

The longer the array, the more extended the **cylindrical sound wave** it generates - keeping sound levels consistent even at greater listening distances compared to conventional point-source systems. When paired with a **subwoofer system**, the DICO speakers deliver **deep, well-balanced lows** for a **smooth and immersive sound experience**.

Equipped with a **line transformer and a 3-position selector**, the DICO columns can easily connect to both **constant-voltage amplifiers (70V/100V)** and **low-impedance systems**. The protections on the connections and connection cables also make them **waterproof** and suitable for indoor and outdoor use, with an **IP66** protection rating.

Aesthetically, the slim and stylish profile blends seamlessly into architectural installations or modern minimalist environments. With lighter weight, compact size, and included wall-mount accessories, DICO column speakers are the perfect choice for conference rooms, worship venues, classrooms, auditoriums, and design-focused installations.

Each column comes with a wall mounting bracket with both horizontal and vertical adjustment.

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IP66 Low Impedance 2-Way Speaker 70V-100V Line

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PRODUCT DETAILS

KEY FEATURES

- Advanced acoustic design to reduce floor and ceiling reflections.
- Full-range, runway-shaped 50 x 90 mm transducers and 1" tweeter
- Frequency response for excellent speech clarity
- 70V/100V low-impedance line transformer with 3-position selector
- Waterproof enclosure with IP66 protection rating
- Slim, elegant design, ideal for architectural integration
- Suitable for conference rooms, houses of worship, classrooms, auditoriums, and design environments
- Professional bracket with horizontal and vertical adjustment
- Black Color

SPECIFICATIONS

Speaker Type	2-Way Passive
IP Rating	IP66
RMS Power (@ 8ohm)	50W
Program Power (@ 8ohm)	100W
Maximum SPL	110 dB
Freq. Response	120Hz-20KHz
Sensitivity	90 dB
Impedance	8 ?

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Woofer	4x 50x90mm Runaway-Shaped Full-frequency
Tweeter	1”
Input Voltage	70V - 100V
Power Tap Selector	50W/100W (100V) - 25W/50W (70V) - 100W @ 8 ohm
Bracket	Pan/Tilt adjustable bracket (0°/5°/10°/15°) with screws
Dispersion Angle	140°(H)×20°(V)
Finish	Balck
Product Size - No Bracket (WxDxH)	528 x 75 x 110 mm (20.79 x 2.95 x 4.33 in)
Speaker Weight (single unit, no bracket)	3.2 kg (7.05 lbs)
Packing Size - single unit (WxDxH)	640 x 175 x 140 mm (25.20 x 6.89 x 5.51 in)
Packing Weight (single unit)	5,5 kg (12.13 lbs)

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