

DICO-C50 BK

50W IP66 2-Way Slim Column Speaker Black

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

Each model uses **50x90mm 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.



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)	25W
Program Power (@ 8ohm)	50W
Maximum SPL	105 dB
Freq. Response	120Hz-20KHz
Sensitivity	88dB
Impedance	8Ω
Woofers	2x 50x90mm Runaway-Shaped Full-frequency
Tweeter	1"
Input Voltage	70V - 100V
Power Tap Selector	12.5W/25W/50W (100V) - 6.75W/12.5W/25W (70V) - 50W @ 8ohm
Bracket	Pan/Tilt adjustable bracket (0°/5°/10°/15°) with screws
Dispersion Angle	140°(H)×20°(V)
Finish	Black
Product Size - No Bracket (WxDxH)	75 x 110 x 330 mm (2.95 x 4.33 x 12.99 inch)
Speaker Weight (single unit, no bracket)	1.92 kg - 4.23 lbs.
Packing Size (WxDxH)	460 x 310 x 370 mm (18.11 x 12.20 x 14.57 inch)
Shipping Weight (4 pcs.)	14.5 kg - 31.97 lbs.