

The Helix is a flush mount in-ceiling loudspeaker featuring a unique design that provides unsurpassed performance in a very compact package. Taking design cues from the larger Stratospherix, both IP54 rated models provide the added flexibility of outdoor installation, while the semi-enclosed construction results in a loudspeaker with very efficient bass response and a minimal 86mm mounting depth.

The Helix features a 150mm (6") bass/mid driver with a durable polypropylene cone and an oversized, low distortion magnet system. A high-grade 20mm (¾") dome tweeter is concentrically mounted within the voice coil of the bass driver, providing uniform dispersion for room-filling sound. The added advantage of this configuration is that the tweeter is less affected by reverse reflections, improving performance across its operating range.

Manufactured from weather resistant materials and featuring a rust resistant stainless steel grille, the Helix is suitable for installation outside under alfresco areas and in eaves, or inside the house in bathrooms, ensuites, or any other room. The semi-enclosed design means that the moving parts of the speaker are protected from dust and other ceiling contaminants while providing excellent bass performance for such a low profile speaker. The 'twist and lock' mounting system with fixed grille allows for easy installation. Simply cut out the hole, connect the speaker cables and then twist into place.

The Helix is finished with a low profile, white paintable grille with slim-line bevel edge that matches the Krix architectural range of concealed audio solutions.

## FEATURES

- Easy to install
- Low profile 86mm mounting depth
- Suitable for indoor and outdoor use
- Stainless steel grille



	Helix
<b>Frequency Range</b>	45Hz - 20kHz (in room response)
<b>Power Handling</b>	10 - 120 Watts RMS recommended amplifier power
<b>Sensitivity</b>	86dB (2.83V / 1m)
<b>Impedance</b>	Nominal 8 Ohms (Minimum 6 Ohms)
<b>Configuration</b>	Dual concentric 2-way
<b>Bass Driver</b>	150mm (6") curvilinear polypropylene driver, 38mm (1½") voice coil wound on high temperature Kapton former
<b>High Frequency Driver</b>	20mm (¾") dome, coaxially mounted
<b>Enclosure Type</b>	Semi-enclosed, infinite baffle
<b>Weather Resistance</b>	Dust and splash resistant, IP54 rated
<b>Dimensions</b>	180mm diameter x 86mm mounting depth
<b>Cut Out Diameter</b>	164mm diameter recommended (template provided)
<b>Net Weight</b>	2kg

## DETAILED DIMENSIONS

