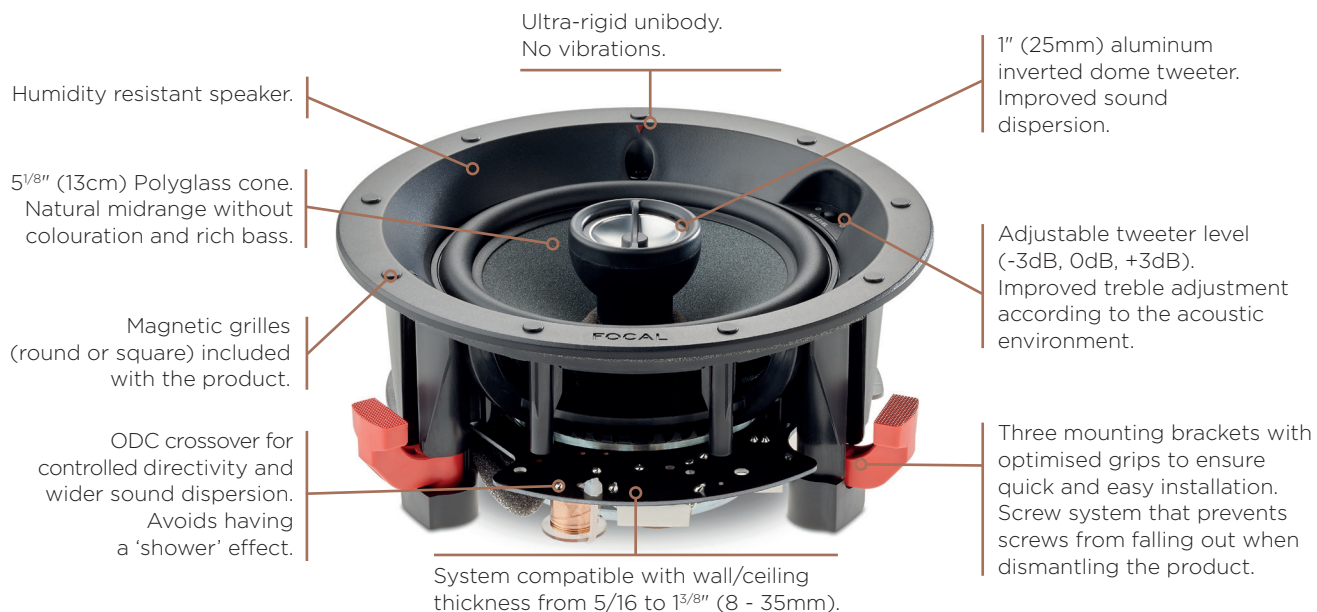


100ICW5

Product Data Sheet

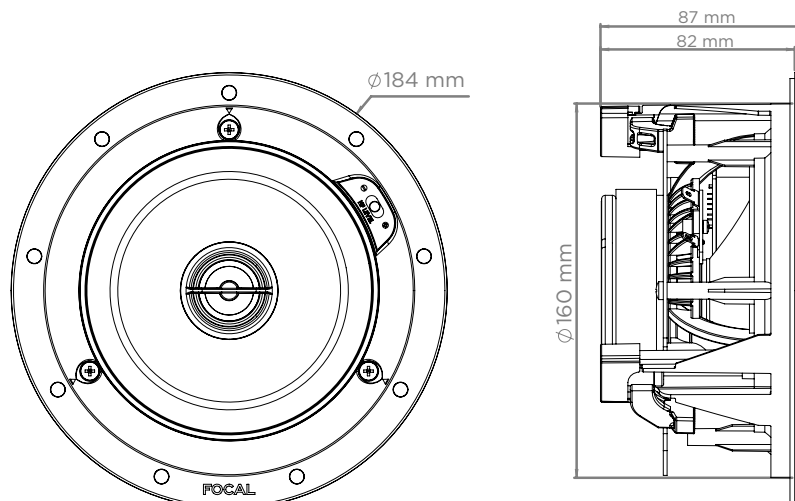


Key Points

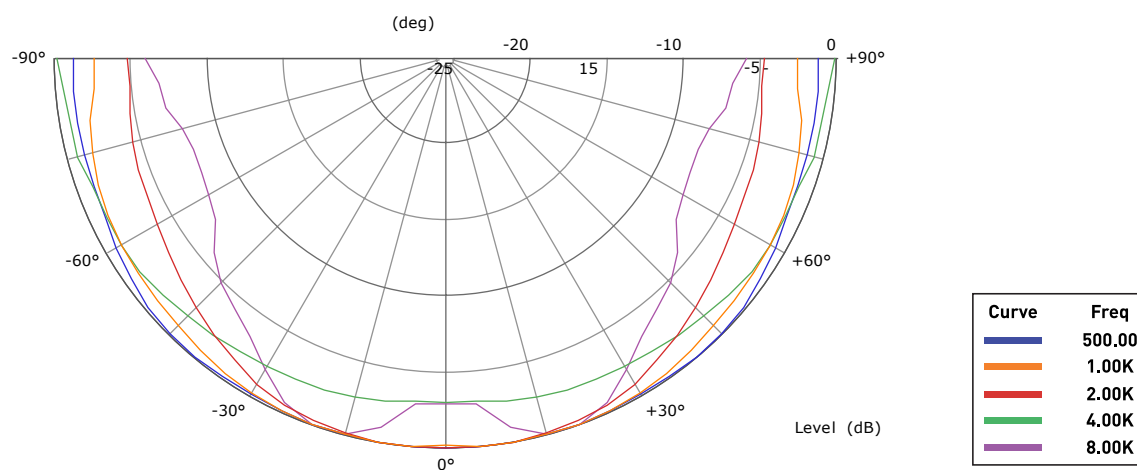
- Product designed and developed in France by Focal
- Compact product with shallow mounting depth
- For in-ceiling or in-wall loudspeakers (1 product, 2 uses)
- Possible to connect two loudspeakers to the same amplifier output
- Ready-to-paint grille

Type	In-wall/In-ceiling - 2-way coaxial
Drivers	5" (13cm) Polyglass Midbass. 1" (25mm) Al inverted dome Tweeter
Sensitivity (2.83V/1m)	88dB
Frequency response (+/-3dB)	65Hz-23kHz
Low frequency point (-6dB)	56Hz
Nominal impedance	8Ω
Minimal impedance	7.3Ω
Recommended amplifier power	15-100W
External dimensions (Ø/Depth)	7 ¹ / ₄ "x3 ² / ₇ "x6 ⁴ / ₁₆ " (184x87mm)
Cut-Out diameter	6 ¹ / ₂ "x6 ⁴ / ₁₆ " (160mm)
Depth from wall	3 ¹ / ₂ "x6 ⁴ / ₁₆ " (82mm)
Net weight (with front grille)	3.19lbs (1.45kg)
Packing dimensions (WxDxH)	9 ⁵ / ₈ "x9 ⁵ / ₈ "x6 ⁵ / ₁₆ " (245x245x161mm)
Total weight (with packaging)	4.52lbs (2.05kg)
Recommended settings for DSP-amplifiers:	
Recommended Limiter Threshold	9,6V RMS
Recommended Limiter Attack Time	0ms
Recommended Limiter Release Time	150ms
Recommended High-pass filter	50Hz Linkwitz-Riley 12 dB/octave

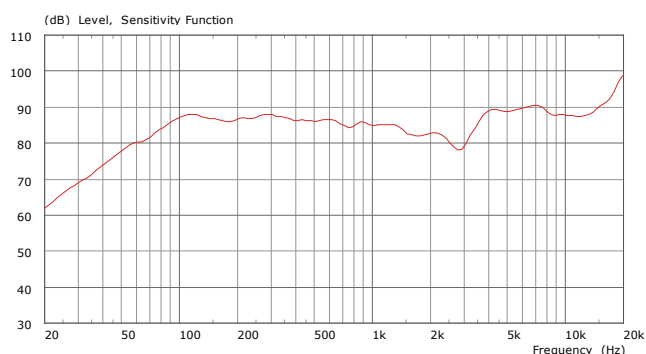
Dimensions



Measurements Directivity



Frequency Response



100ICW5 Speaker level Calculation Table

Power/Distance	1m	2m	5m
1W (2.83V)	88dB	82dB	74dB
5W (8.94V)	95dB	89dB	81dB
10W (12.6V)	98dB	92dB	84dB
20W (15.5V)	101dB	95dB	87dB

Summary	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
SPL (2.83V/1m) (dB)	88	88	87	86	87	83	89
Opening Angle at -6dB	180°	180°	180°	180°	180°	180°	180°