

100IWLCR5

Product Data Sheet



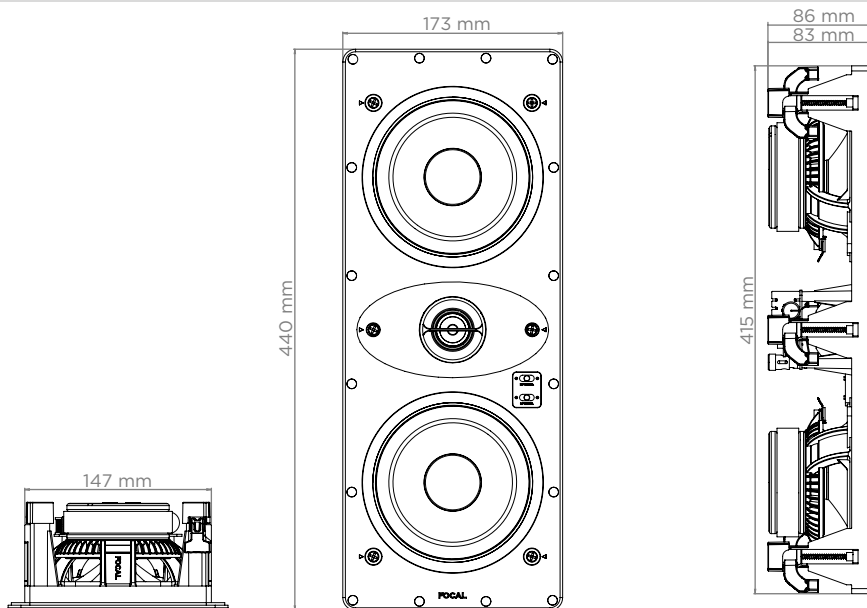
Key Points

- Product designed and developed in France by Focal
- Compact product with shallow mounting depth
- Possible to connect two loudspeakers to the same amplifier output
- Ready-to-paint grille

Technical Specifications

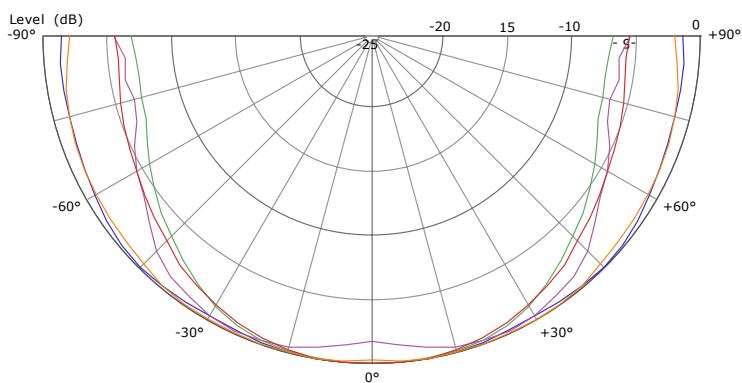
Type	D'Appolito In-wall 2-way
Drivers	2x5" (13cm) Polyglass Midbass. 1" (25mm) Al inverted dome Tweeter
Sensitivity (2.83V/1m)	90,5dB
Frequency response (+/-3dB)	55Hz-23kHz
Low frequency point (-6dB)	43Hz
Nominal impedance	8Ω
Minimal impedance	3,8Ω
Recommended amplifier power	25-120W
External dimensions (Ø/Depth)	17 ²¹ / ₆₄ " x 6 ¹³ / ₁₆ " x 3 ²⁵ / ₆₄ " (440x173x86mm)
Cut-Out diameter	16 ¹¹ / ₃₂ " x 5 ²⁵ / ₃₂ " (415x147mm)
Depth from wall	3 ¹² / ₆₄ " (83mm)
Net weight (with front grille)	3.89lbs (2.90kg)
Packing dimensions (WxDxH)	19 ¹¹ / ₆₄ " x 8 ²¹ / ₃₂ " x 4 ¹¹ / ₁₆ " (487x220x119mm)
Total weight (with packaging)	7.6lbs (3.45kg)

Dimensions

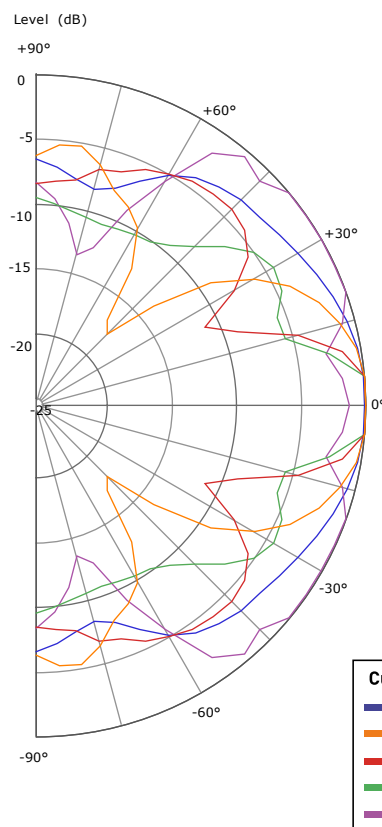


Measurements Directivity

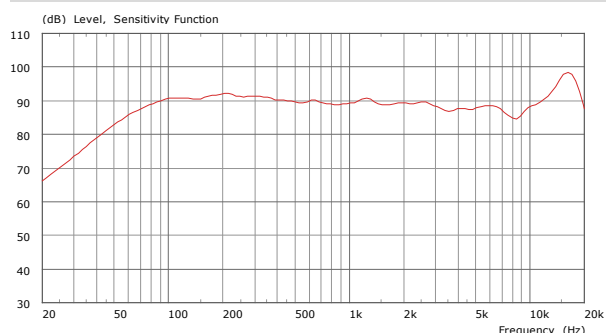
Horizontal



Vertical



Frequency Response



100IWLCR5 Speaker level Calculation Table

Power/Distance	1 m	2 m	5 m
1 W (2,83 V)	91 dB	85 dB	77 dB
5 W (8,94 V)	101 dB	95 dB	87 dB
10 W (12,6 V)	104 dB	98 dB	90 dB
20 W (15,5 V)	106 dB	100 dB	92 dB

Summary	125 Hz	250 Hz	500 Hz	1kHz	2kHz	4kHz	8kHz
SPL (2.83 V/1 m) (dB)	91	92	90	89	89	87	87
Opening Angle at -6dB	180°	180°	180°	180°	180°	120°	140°