100ICW5

Product Data Sheet

Humidity resistant speaker.

5^{1/8}" (13 cm) Polyglass cone. Natural midrange without colouration and rich bass.

Magnetic grilles (round or square) included with the product.

ODC crossover for controlled directivity and wider sound dispersion. Avoids having a 'shower' effect.



1" (25 mm) aluminum inverted dome tweeter. Improved sound dispersion.

Adjustable tweeter level (-3dB, OdB, +3dB). Improved treble adjustment according to the acoustic environment.

Three mounting brackets with optimised grips to ensure quick and easy installation. Screw system that prevents screws from falling out when dismantling the product.







Key Points

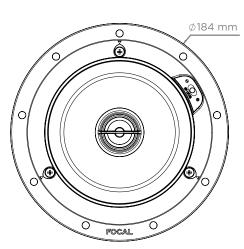
- Product designed and developed in France by Focal
- Compact product with shallow mounting depth
- For in-ceiling or in-wall loudspeakers (1 product, 2 uses)
- Possible to connect two loudspeakers to the same amplifier output
- Ready-to-paint grille

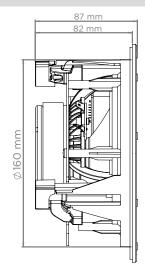
Technical Specifications

Туре	in-wall/In-celling - 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 ^{27/64} " (184x87mm)			
Cut-Out diameter	6 ^{19/64} " (160mm)			
Depth from wall	3 ^{15/64} " (82mm)			
Net weight (with front grille)	3.19lbs (1.45kg)			
Packing dimensions (WxDxH)	$9^{5/8^{\circ}} \times 9^{5/8^{\circ}} \times 6^{5/16^{\circ}} (245x245x161mm)$			
Total weight (with packaging)	4.52lbs (2.05kg)			

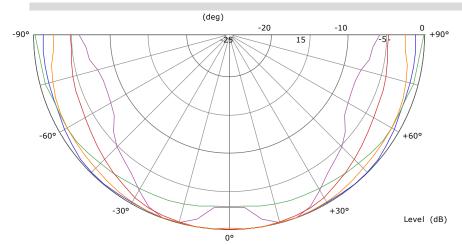


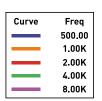
Dimensions



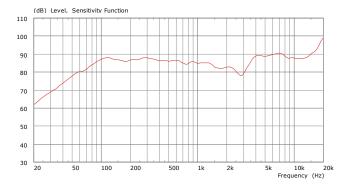


Measurements Directivity





Frequency Response



100ICW5 Speaker level Calculation Table

Power/Distance	1 m	2 m	5 m	
1 W (2,83 V)	88 dB	82 dB	74 dB	
5 W (8,94 V)	95 dB	89 dB	81 dB	
10 W (12,6 V)	98 dB	92 dB	84 dB	
20 W (15,5 V)	101 dB	95 dB	87 dB	

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