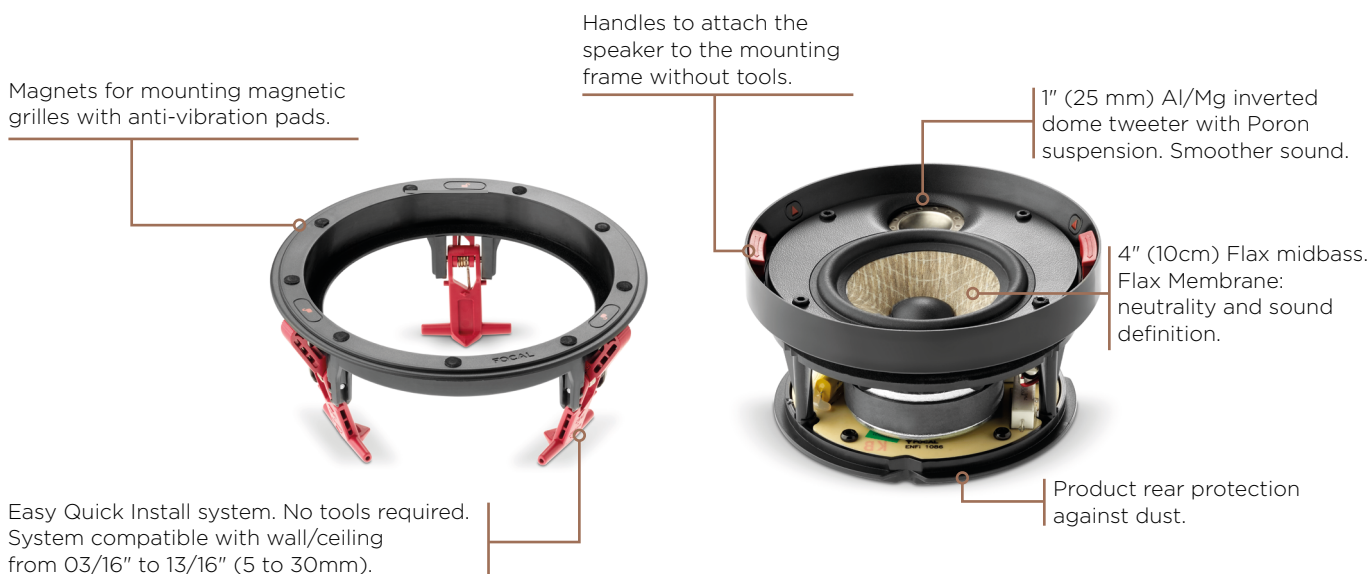


300 ICW4

Product Data Sheet

MADE IN
FRANCE

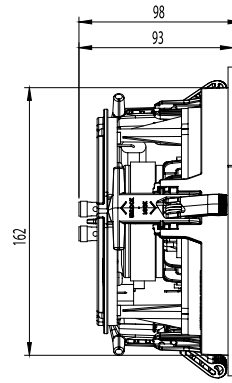
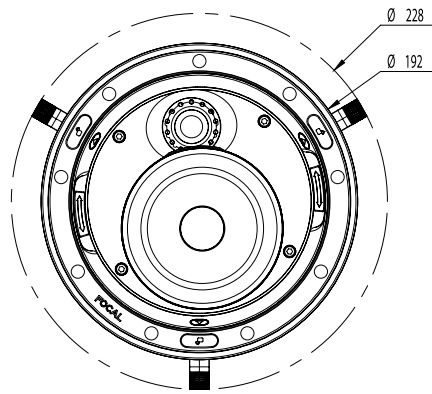


Key points

- Ultra compact 2-way speaker for custom install
- No tools required to install the product
- Loudspeaker developed and manufactured in France by Focal
- Delivered with ready-to-paint square and circular front grilles and painting protective mask
- Excellent size-performance ratio

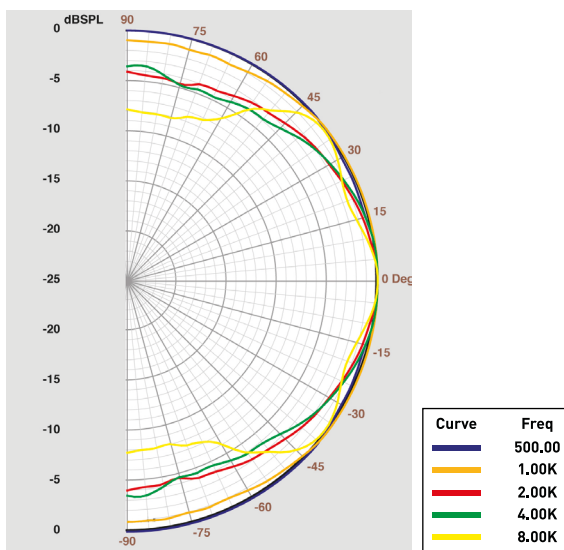
Type of speaker	2-way
Speaker drivers	4" (10cm) Flax Mid-bass 1" (25mm) Al/Mg inverted dome Tweeter
Sensitivity (2.83V/1m)	88dB
Frequency response (+/-3dB)	80Hz - 28kHz
Low-frequency cut-off (-6dB)	72Hz
Nominal impedance	8 Ω
Minimal impedance	4.5 Ω
Recommended amp power	25 - 100W
Dimensions (Ø/depth)	7 ⁹ / ₁₆ x 3 ⁵⁵ / ₆₄ " (192x98mm)
Cut-Out diameter	6 ²⁷ / ₆₄ " (163mm)
Depth behind surface	3 ²¹ / ₃₂ " (93mm)
Net weight (with grille)	2.6 lbs (1.3kg)
Box size (WxDxH)	10 ¹⁵ / ₆₄ x 10 ¹⁵ / ₆₄ x 9 ²⁷ / ₃₂ " (260x260x250mm)
Total weight (with packaging)	5.07 lbs (2.3kg)
Recommended settings for DSP-amplifiers:	
Recommended Limiter Threshold	6,8V RMS
Recommended Limiter Attack Time	0ms
Recommended Limiter Release Time	150ms
Recommended High-pass filter	40Hz Linkwitz-Riley 12 dB/octave

Dimensions

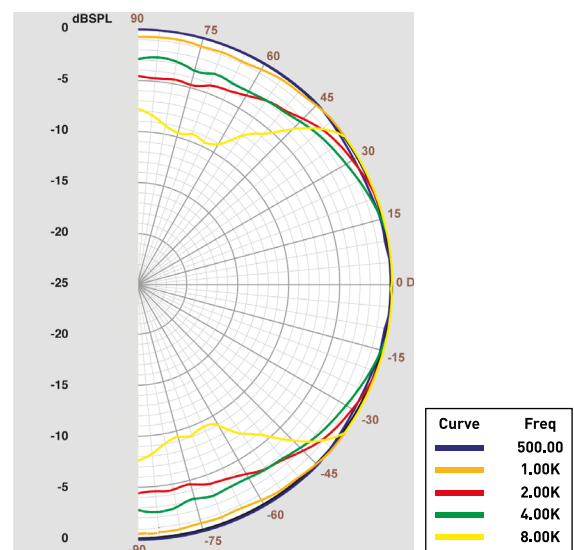


Measurements

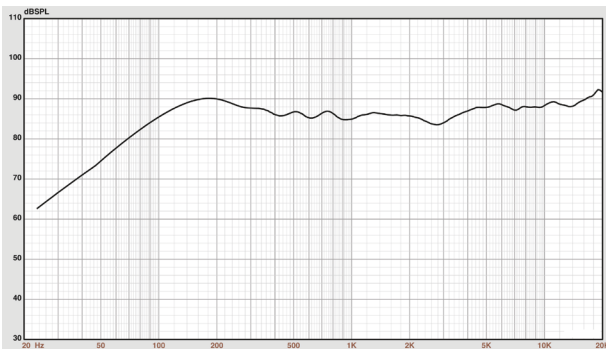
Horizontal directivity



Vertical directivity



Frequency response



ICW4 speaker level calculation table

Power/Distance	1m	2m	5m
1 W [2.83V]	88dB	82dB	74dB
5 W [6.32V]	95dB	89dB	81dB
10 W [8.94V]	98dB	92dB	84dB
20 W [12,6V]	101dB	95dB	87dB

Summary	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
SPL [2.83V/1m][dB]	86	88	86	86	86	87	89
Opening angle at -6dB	180°	180°	180°	180°	180°	180°	120°