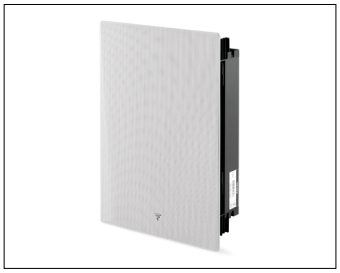
1000 IW6

Product sheet

MADE IN FRANCE







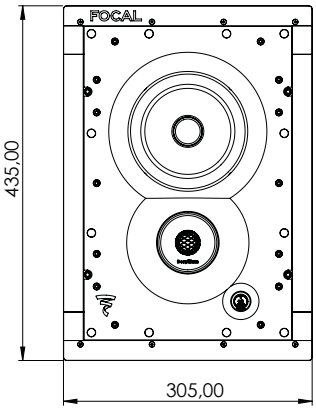


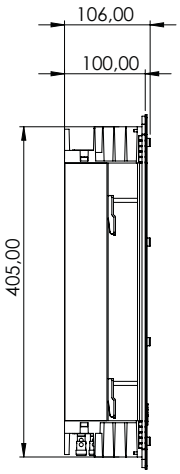
Key points

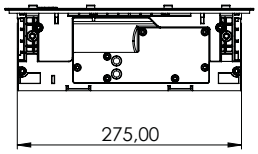
- 2-way closed-back in-wall loudspeaker
- Speaker drivers developed and manufactured in France by Focal
- Optional assembly kit (for partition during construction)
- Positionable tweeter and adjustable level (+/-20°)
- On-wall compatible: optional on-wall frame

Type of speaker	**2-way closed-back in-wall**
Speaker drivers	6½" (16.5cm) Bass/Midrange 1" (27mm) Pure Beryllium inverted dome tweeter
Sensitivity (2.83V/3 feet - 1m)	88dB
Bandwidth (+/-3dB)	55Hz - 40kHz
Low-frequency cut-off (-6dB)	45Hz
Nominal impedance	8 Ω
Minimal impedance	7 Ω
Recommended amp power	25 – 150W
Ext. size (H x L x D)	17⅛ x 12 x 4" (435 x 305 x 102mm)
Mounting dimensions (H x L)	16 x 10⅞" (406 x 276mm)
Mounting depth	4" (100mm)
Net weight (with grille)	14.88lbs (6.75kg)
Box size (length x depth x height)	15⅜ x 22⅞ x 8½" (390 x 580 x 215mm)
Total weight (with packaging)	18.74lbs (8.5kg)
Recommended settings for DSP-amplifiers:	
Recommended Limiter Threshold	21,5V RMS
Recommended Limiter Attack Time	0ms
Recommended Limiter Release Time	150ms
Recommanded High-pass filter	55Hz Linkwitz-Riley 12dB /oct

Dimensions

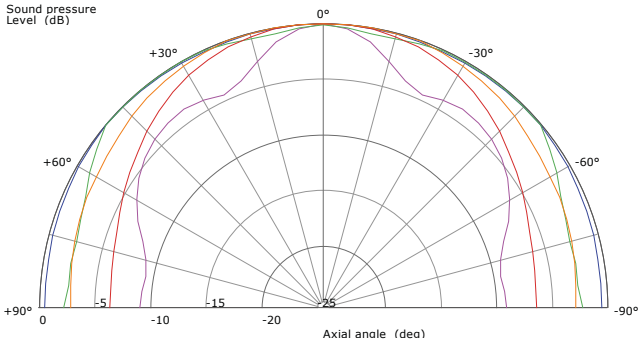




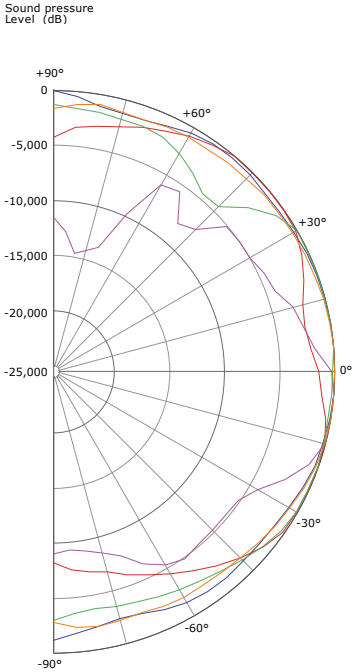


Directionality Measurements

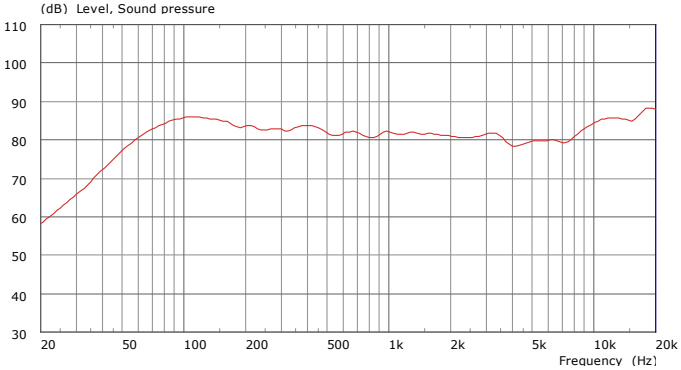
Horizontal (central channel)



Vertical



Frequency response



1000 IW6 Levels calculation table

Power/Distance	1m	2m	5m
1W (2.83V)	88dB	82dB	74dB
20W (12.6V)	101dB	95dB	87dB
50W (20V)	105dB	99dB	91dB
100W (28.3V)	108dB	102dB	94dB

Summary	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
NPA (2.83V/1m)(dB)	86	83	82	83	81	79	81
Aperture angle at -6dB	180°	180°	180°	180°	180°	150°	110°