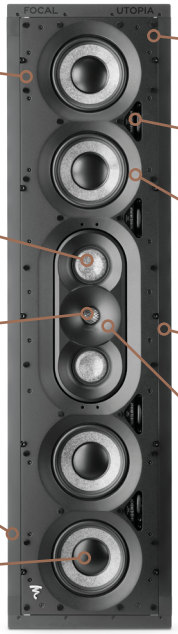
1000 IWLCR UTOPIA

Product sheet

MADE IN FRANCE



MDF and Aluminium closed-back loudspeaker Behaves like a traditional loudspeaker. High quality, linear bass

3 1/8″ (8cm) Midranges with 'M'-shaped 'W' cone. Uniform design, unibody cone, unique performance. Unrivalled rigidity and neutrality

Pure Beryllium inverted dome tweeter. Frequency response up to 40kHz

Terminal providing the option to bi-amplify the loudspeaker

4 x 6 1/2″ (16.5cm) subwoofers with 'W' cone. Exclusive composite sandwich. Unparalleled rigidity and power handling

Magnets for fastening the magnetic grilles. Anti-vibration feet

Adjustment of tweeter level, midrange, woofers and additional IWSUB. Total performance customisation depending on the acoustic environment

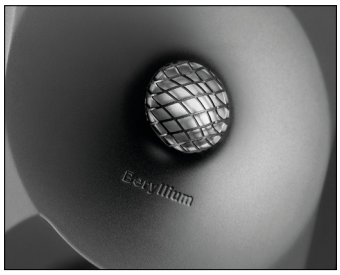
Waveguide: optimized sound directivity

Option to put together with 1000 IWSUB UTOPIA. Connection with Speakon cable provided

Positionable d'Appolito midrange-treble plate. Uncompromising design for the best performance in use as left, right or central channel loudspeaker. Perfect adjustment to the listening position





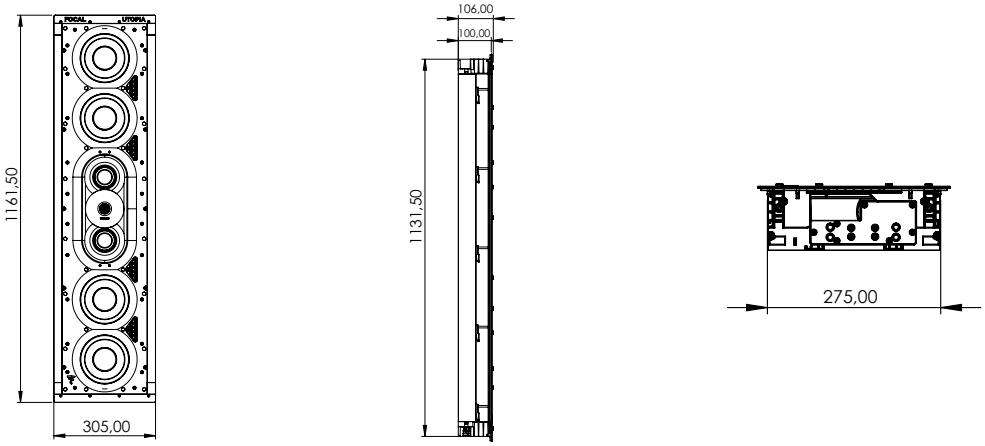


Key points

- 3-way closed-back in-wall loudspeaker in d'Appolito configuration
- Speaker drivers developed and manufactured in France by Focal
- Positionable and symmetrical midrange-treble (+/- 15°) plate for adjusting the listening position
- LCR loudspeaker (left, central and right) for an uncompromising Home Cinema installation
- Delivered with a magnetically attached, ready to paint grille for seamless integration
- Optional assembly kit (for partition during construction)
- On-wall compatible: optional on-wall frame

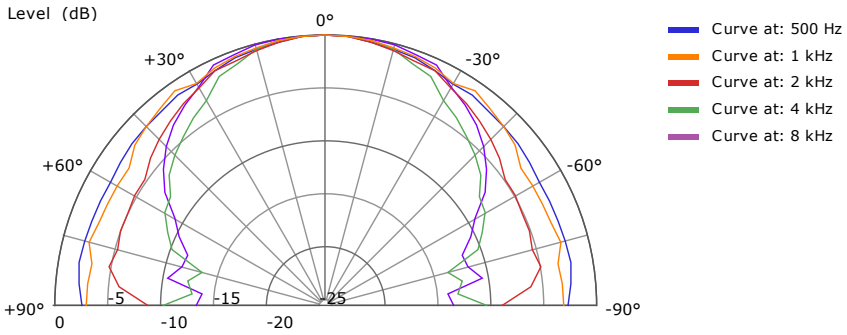
Type of speaker	**3-way closed-back in-wall**
Speaker drivers	4 x 6 1/2″ (16.5cm) 'W' cone Bass; 2 x 3 1/8″ (8cm) 'W' cone 'M'-shaped midranges; 1″ (27mm) pure Beryllium inverted dome tweeter
Sensitivity (2.83V/3 feet - 1m)	92dB
Bandwidth (+/-3dB)	45Hz - 40kHz
Low-frequency cut-off (-6dB)	40Hz
Nominal impedance	8 Ω
Minimal impedance	4.2 Ω
Recommended amp power	100 - 750W (8 Ω) 200 - 1500W (4 Ω)
Ext. size (H x L x D)	45 3/4 x 12 x 4″ (1162 x 305 x 102mm)
Mounting dimensions (H x L)	44 5/8 x 10 7/8″ (1134 x 276mm)
Mounting depth	4 (100mm)
Net weight (with grille)	42.77lbs (19.4kg)
Box size (length x depth x height)	17 7/8 x 52 x 8 1/2″ (455 x 1320 x 215mm)
Total weight (with packaging)	50.7lbs (23kg)
Recommended settings for DSP-amplifiers	
Recommended Limiter Threshold	21,5V RMS
Recommended Limiter Attack Time	Oms
Recommended Limiter Release Time	150ms
Recommanded High-pass filter	10Hz Linkwitz-Riley 12dB /oct

Dimensions

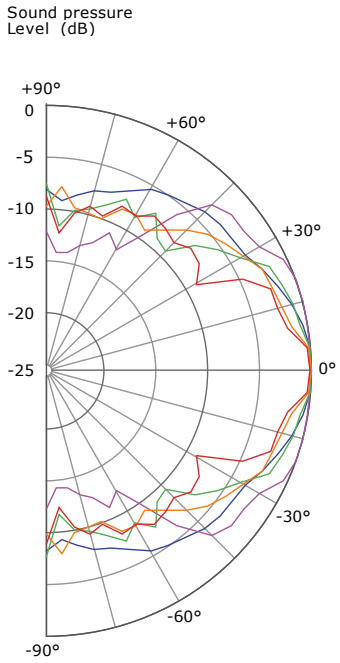


Directionality Measurements

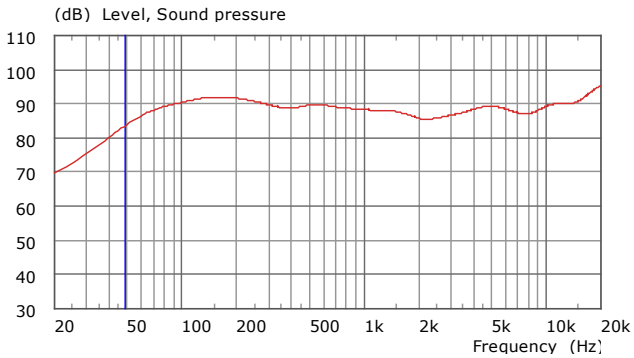
Horizontal (central channel)



Vertical



Frequency response



1000 IWLCR UTOPIA Levels calculation table

Power/Distance	1m	2m	5m
1W (2.83V)	92dB	85dB	77dB
50W (20V)	108dB	102dB	94dB
100W (28.3V)	111dB	105dB	97dB
250W (44.7V)	115dB	109dB	89dB
500W (63.2V)	118dB	112dB	104dB
750W (77.5V)	120dB	114dB	106dB

Summary	125Hz	250Hz	500Hz	1 kHz	2 kHz	4kHz	8kHz
NPA (2.83V/1m)(dB)	92	91	90	89	86	88	88
Aperture angle at -6dB	180°	180°	180°	180°	160°	100°	110°