1000 IWLCR6

Product sheet

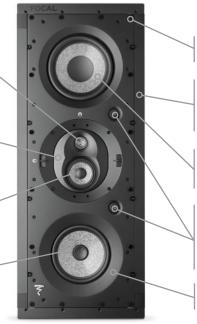


Pure Beryllium inverted dome tweeter. Frequency response up to 40kHz

Positionable 0-90° and rotating midrange-treble plate Uncompromising design for the best performance in use as left, right or central channel loudspeaker. Perfect adjustment to the listening position

 $3^{\text{V8"}}$ (8cm) Midrange with composite sandwich 'W' cone. Unrivalled rigidity and neutrality

6^{1/2}" (16.5cm) Midrange/Bass with 'W' cone. Exclusive composite sandwich. Unrivalled rigidity and neutrality



Magnets for fastening the magnetic grilles. Anti-vibration feet

MDF and Aluminium closed-back loudspeaker. Behaves like a traditional loudspeaker. Quality and linearity of the bass

7^{1/8}" (18cm) passive radiator with 'W' cone. Very low bass distortion. Excellent power handling

Setting of tweeter level -3dB, OdB, +3dB and of Midrange (-2dB, OdB, +2dB). Performance adjustment based on the acoustic environment

Waveguide: optimized sound directivity







Key points

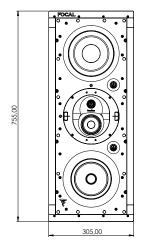
- 3-way closed-back in-wall loudspeaker with passive radiator
- Speaker drivers developed and manufactured in France by Focal
- Positionable midrange-treble plate for adjusting the listening position (+/ -15°)
- LCR loudspeaker (left, central and right) for an uncompromising Home Cinema installation
- 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

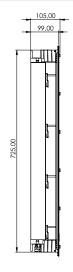
Technical specifications

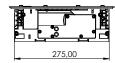
Type of speaker	3-way closed-back in-wall			
Speaker drivers	7 ^{1/8} " (18cm) Passive radiator with 'W' cone 6 ^{1/2} " (16.5cm) Bass with 'W' cone, 3 ^{1/8} " (8cm) Midrange with 'W' cone 1" (27mm) Pure Beryllium inverted dome tweeter			
Sensitivity (2.83V/3 feet - 1m)	91dB			
Bandwidth (+/-3dB)	48Hz - 40kHz			
Low-frequency cut-off (-6dB)	43Hz			
Nominal impedance	8 Ω			
Minimal impedance	2.9 Ω			
Recommended amp power	25 - 240W			
Ext. size (H x L x D)	29 ^{3/4} x 12 x 4" (755 x 305 x 101mm)			
Mounting dimensions (H x L)	28 ^{5/8} x 10 ^{7/8} " (726 x 276mm)			
Mounting depth	3 ^{7/8} " (99mm)			
Net weight (with grille)	24.14lbs (10.95kg)			
Box size (length x depth x height)	15 ^{3/8} x 35 ^{7/8} x 8 ^{1/2} " (390 x 910 x 215mm)			
Total weight (with packaging)	29.76lbs (13.5kg)			



Dimensions

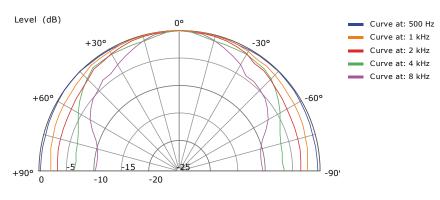






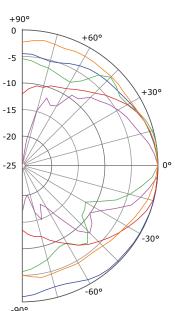
Directionality Measurements

Horizontal (central channel)

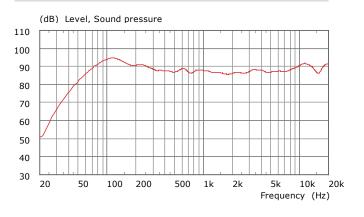




Vertical



Frequency response



1000 IWLCR6 Levels calculation table

Power/Distance	1m	2m	5m	
1W (2.83V)	91dB	84dB	76dB	
20W (12.6V)	103dB	97dB	89dB	
50W (20V)	107dB	101dB	93dB	
100W (28.3V)	110dB	104dB	96dB	

Summary	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
NPA (2.83V/1m)(dB)	95	91	87	88	86	88	89
Aperture angle at -6dB	180°	180°	180°	180°	180°	140°	110°