300 IW LCR6

Product Data Sheet



2 x 6^{1/2}" (16.5cm) Flax cone woofer. Controlled and articulated bass, for optimal fidelity.

4" (10cm) Flax cone midrange. Neutrality, intelligibility and definition of vocals.

> 1" Al/Mg inverted dome tweeter with Poron® suspension. Treble with extreme definition and precision.

Easy Quick Install, easy and quick to install without tools. System compatible with walls of a width of 1/12" to 14/16" (12 to 32mm).



Magnetic grilles. Anti-vibration feet.

Adjustable tweeter level (-3dB, OdB, +3dB) and mid-range level (-2dB, OdB, +2dB). The best performance, regardless of the acoustic environment.

90° adjustable mid-treble plate. Uncompromising design for the best performance whether using as a left, right or centre channel.

Rear protection.







Key points

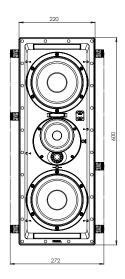
- 3-way in-wall loudspeaker
- Easy and quick to install without tools
- LCR loudspeaker (left, centre and right) for uncompromising Home Cinema installations
- Adjustable mid-treble plate
- Speaker drivers designed and made in France by Focal
- Deep frequency response in the low end and high power handling
- Very balanced mid-range for improved intelligibility for Home Cinema set-ups
- Supplied with a magnetic grille and ready to paint to ensure perfect integration

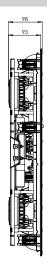
Technical Specifications

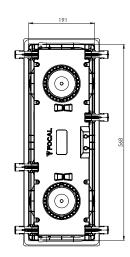
Туре	3-way In-wall			
Drivers	$2\times6^{\text{V2"}}$ (16.5cm) woofers, 4" (10cm) Flax midrange, 1" (25mm) Al/Mg inverted dome tweeter			
Sensitivity (2.83V/1m)	92dB			
Frequency response (+/-3dB)	40Hz - 28kHz			
Low frequency point (-6dB)	33Hz			
Nominal impedance	8 Ω			
Minimal impedance	2.9 Ω			
Recommended amplifier power	50 - 150W			
External dimensions (HxWxD)	23 ^{5/8} " x 8 ^{11/16} " x 3 ^{7/8} " (600 x 220 x 98mm)			
Cut-Out diameter (HxL)	22 ^{3/8} " 7 ^{1/2} " (568 x 191mm)			
Depth from wall	3 ^{11/16} " (93mm)			
Net weight (with front grille)	12.4lbs (5.65kg)			
Packing dimensions (WxDxH)	27 ^{1/16} " x 12 ^{1/8} " x 7 ^{1/4} " (688 x 308 x 184mm)			
Total weight (with packaging)	17.4 lbs (7.9kg)			



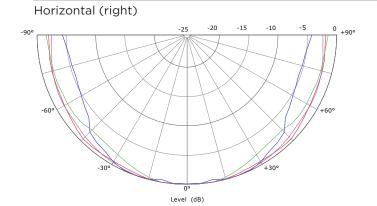
Dimensions

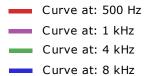




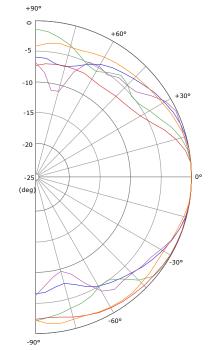


Directivity Measurements

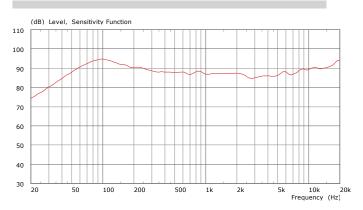








Frequency Response



300 IW LCR6 Speaker level Calculation Table

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Power/Distance	1 m	2 m	5 m	
1 W (2,83 V)	92 dB	86 dB	78 dB	
5 W (8,94 V)	102 dB	96 dB	88 dB	
10 W (12,6 V)	105 dB	99 dB	91 dB	
20 W (15,5 V)	107 dB	101 dB	93 dB	

Summary	125 Hz	250 Hz	500 Hz	1kHz	2kHz	4kHz	8kHz
SPL (2.83 V/1 m) (dB)	92	90	88	88	88	87	90
Opening Angle at -6dB	180°	180°	180°	180°	180°	180°	180°