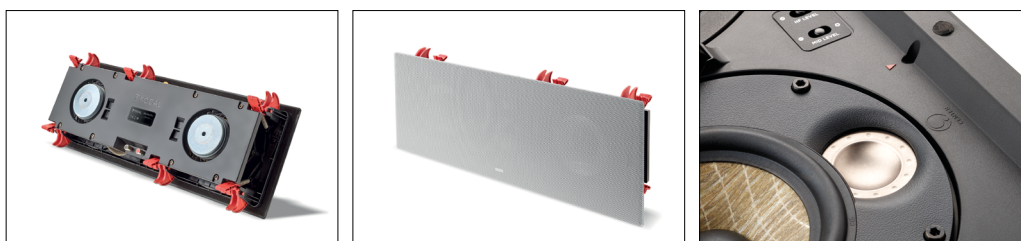


# 300IWLCR6

## Product Data Sheet

MADE IN  
FRANCE

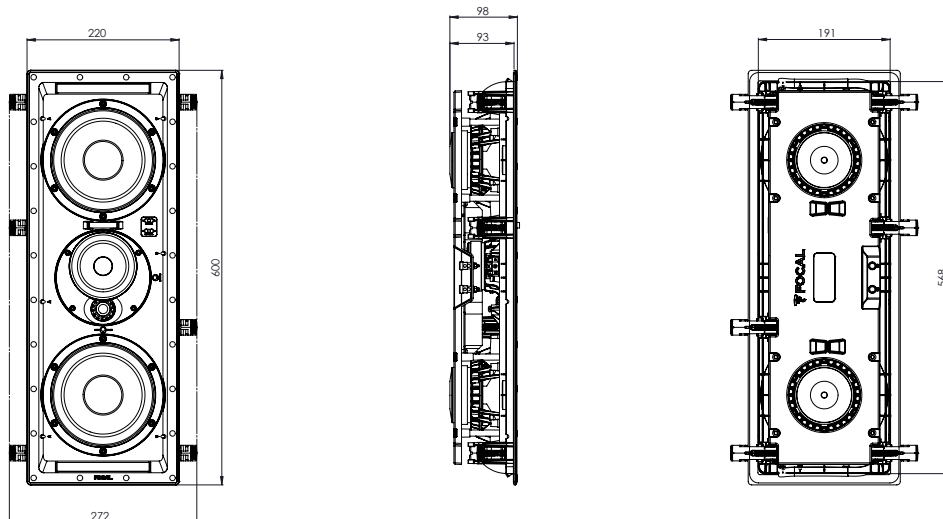


### Key points

- 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

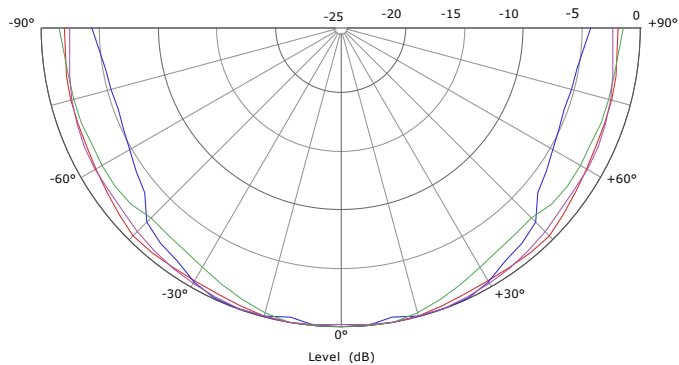
Type	3-way In-wall
Drivers	2 x 6 <sup>1</sup> / <sub>2</sub> " (16.5cm) woofers, 4" (10cm) Flax midrange, 1" (25mm) Al/Mg inverted dome tweeter
Sensitivity (2,83 V/1 m)	92dB
Frequency response (+/-3 dB)	40Hz - 28kHz
Low frequency point (-6 dB)	33Hz
Nominal impedance	8Ω
Minimal impedance	2,9Ω
Recommended amplifier power	50 - 150W
External dimensions (HxWxD)	23 <sup>5</sup> / <sub>8</sub> " x 8 <sup>1</sup> / <sub>16</sub> " x 3 <sup>7</sup> / <sub>8</sub> " (600 x 220 x 98mm)
Cut-Out diameter (HxL)	22 <sup>3</sup> / <sub>8</sub> " 7 <sup>1</sup> / <sub>2</sub> " (568 x 191mm)
Depth from wall	3 <sup>1</sup> / <sub>16</sub> " (93mm)
Net weight (with front grille)	12.4lbs (5.65kg)
Packing dimensions (WxDxH)	27 <sup>1</sup> / <sub>16</sub> " x 12 <sup>1</sup> / <sub>8</sub> " x 7 <sup>1</sup> / <sub>4</sub> " (688 x 308 x 184mm)
Total weight (with packaging)	17.4 lbs (7.9kg)
<b>Recommended settings for DSP-amplifiers:</b>	
Recommended Limiter Threshold	8,6V RMS
Recommended Limiter Attack Time	0ms
Recommended Limiter Release Time	150ms
Recommended High-pass filter	40 Hz Linkwitz-Riley 12 dB/octave

## Dimensions



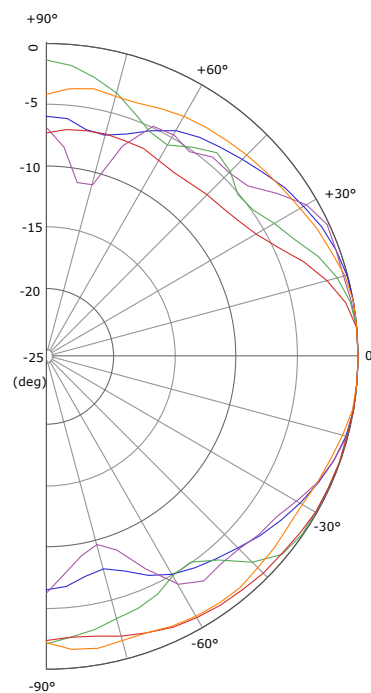
## Directivity Measurements

Horizontal (right)

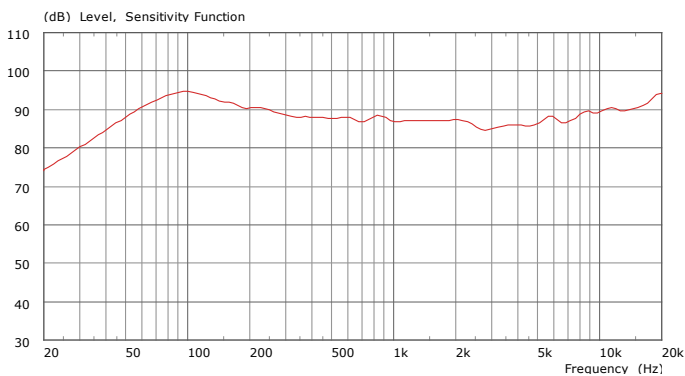


- Curve at: 500 Hz
- Curve at: 1 kHz
- Curve at: 4 kHz
- Curve at: 8 kHz

Vertical



## Frequency Response



## 300IWLCR6 Speaker level Calculation Table

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°