

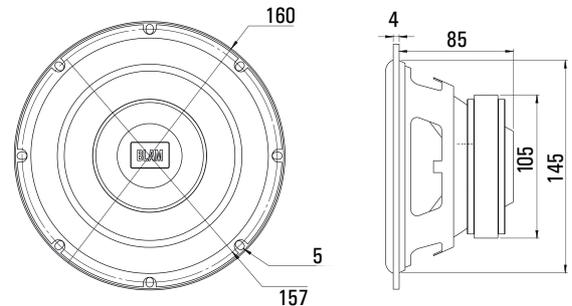
# RELAX



Driven by passion.

## R6 EL Subwoofer

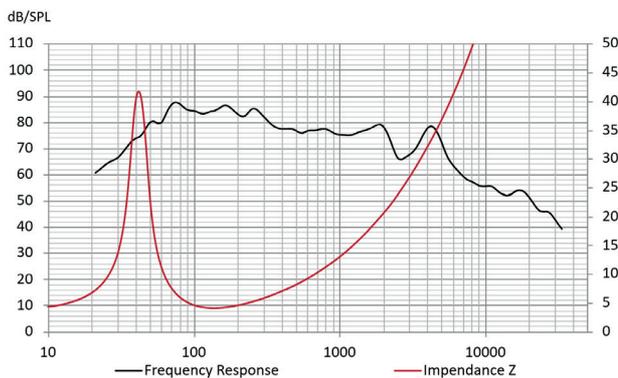
160 mm (6") subwoofer for compact enclosure  
Maximum power: 160 W / Nominal Power 80 W  
Frequency response 50 Hz - 300 Hz  
Impedance 4 Ohms  
Delivery with grill



### TECHNICAL SPECIFICATIONS

<b>Component</b>	Subwoofer	
<b>Max power</b>	160 W	
<b>Nominal power</b>	80 W	
<b>Impedance</b>	4 Ω	
<b>Freq. Response</b>	50 - 300 Hz	
<b>Sensitivity (2,83V/1m)</b>	86.4 dB	
<b>Magnet</b>	Ferrite	
<b>Magnet size Ø x h</b>	105 x 20 mm	0,413 "x 0,079"
<b>Total driver displacement</b>	0.41 l	0.014 cf
<b>Weight of one component</b>	1.6 kg	3.25 lb
<b>Voice coil Ø</b>	35 mm	1.378"
<b>Voice coil height</b>	19.6 mm	0.772"
<b>Cone</b>	Rigid treated paper	

### FREQUENCY RESPONSE / IMPEDANCE



### THIELE-SMALL PARAMETERS

<b>effective Ø (d)</b>	166 mm
<b>Sd</b>	113.09 cm <sup>2</sup>
<b>Xmax</b>	6.8 mm
<b>Re</b>	3.3 Ω
<b>Fs</b>	41.75 Hz
<b>Le</b>	1.63 µH @ 1 kHz
<b>L2</b>	0.75 µH @ 10 kHz
<b>Vas</b>	6.688 L
<b>Mms</b>	38.81 g
<b>Cms</b>	0.3745 mm/N
<b>BL</b>	8.84 Tm
<b>Qts</b>	0.4
<b>Qes</b>	0.43
<b>Qms</b>	6.12
<b>Sensitivity (dB/W/m)</b>	82.56 dB

### RECOMMENDED SEALED ENCLOSURES

Internal volume Vb	F-3dB
5L	74 Hz
10L	80 Hz
15L	83 Hz

### RECOMMENDED ENCLOSURES

Internal volume Vb	Internal ø port	Length port	F-3dB	Boost
7L	5 cm	20 cm	49 Hz	6.7 dB at 66 Hz
10L	5 cm	20 cm	42 Hz	5.3 dB at 53 Hz
15L	5 cm	20 cm	32 Hz	4.2 dB at 42 Hz

contact@blam-audio.fr  
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