

RELAX



Driven by passion.

R6 EL

Subwoofer

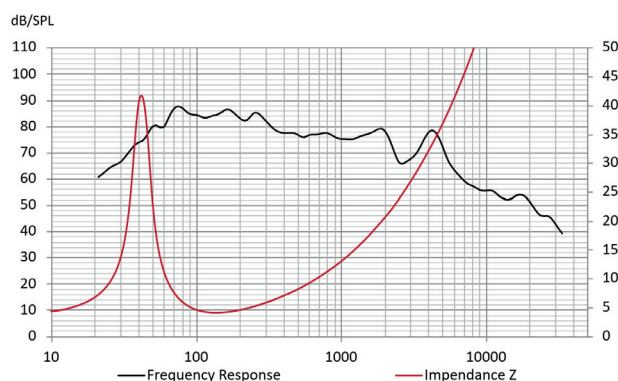
160 mm (6") subwoofer for compact enclosure
Maximum power: 160 W / Nominal Power 80 W
Frequency response 50 Hz - 300 Hz
Impedance 4 Ohms
Delivery with grill



TECHNICAL SPECIFICATIONS

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

FREQUENCY RESPONSE / IMPEDANCE



THIELE-SMALL PARAMETERS

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

RECOMMENDED ENCLOSURES

RECOMMENDED SEALED ENCLOSURES

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

Internal volume Vb	Internal $\varnothing$ 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

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