



**DEGO**

*Definition of Sound*

SPECIALLY COATED PAPER CONE DRIVER

Owner's manual for the Woofer set  
PO 650MW

POWERLINE SERIES

Designed by German engineers, manufactured in Germany

## GENERAL INFORMATION

Congratulations!

You have just purchased a DEGO Midwoofer set made in Germany by Ehmann & Partner.

The midwoofer features a specially coated paper cone.

## CONTENT

The complete set includes:

- 2 midwoofers with specially coated paper cone
- Owner's manual

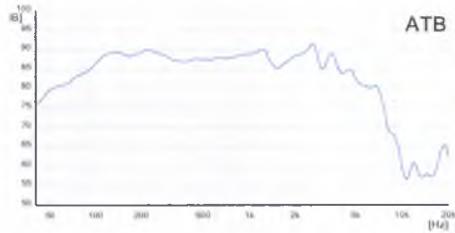
## SPECIFICATIONS

Woofers	(inch)	6.5
Impedance	(Ohm)	4
Nominal Power	(Watt)	100
Peak Power	(Watt)	120
Frequency Response	(Hz)	55 - 8k
Sensitivity	(dB, 1W/1m)	89
Mounting Depth	(mm)	68.3
Outside Diameter	(mm)	166
Mounting Diameter	(mm)	141

## Speaker Specification

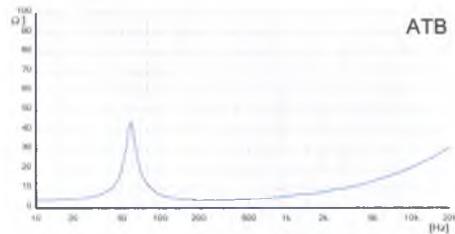
DC resistance	Re	3.4	$\Omega$
Nominal impedance	Zn	4	$\Omega$
Voice coil inductance	Le	0.33	mH
Voice coil diameter		37	mm
Voice coil height		12	mm
Height of gap		6	mm
Linear excursion		$\pm 3$	mm
Max. mech. excursion		$\pm 11$	mm

Frequency response [1W/1m]



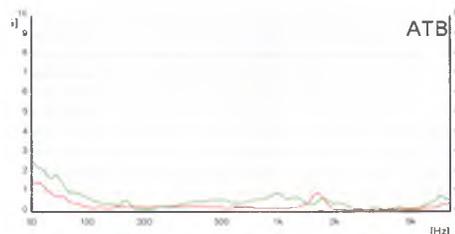
Resonance frequency	fs	61	Hz
Mechanical Q factor	Qms	6.40	
Electrical Q factor	Qes	0.54	
Total Q factor	Qt	0.50	

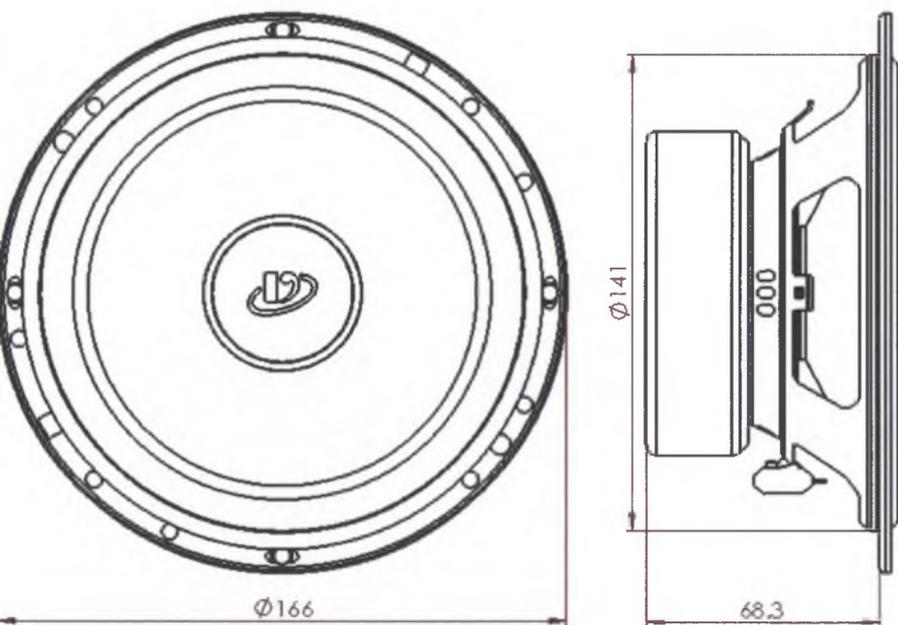
Impedance



Moving mass	Mms	14.0	g
Effective piston area	Sd	135	cm <sup>2</sup>
Mechanical Resistance	Rms	0.86	kg/s
Compliance	Cms	0.46	mm/N
Force factor	Bl	5.9	Tm
Equivalent volume	Vas	11.9	dm <sup>3</sup>
Efficiency		0.52	%
SPL 1W/1m		89	dB
SPL 2,83V/1m		93	dB

Harmonic Distortion [1W/1m]





Woofer drawing