

 **PHOENIX GOLD**

ZP
series
PRO AUDIO



ZP12D2/D4

12" SUBWOOFER

SPECIFICATIONS

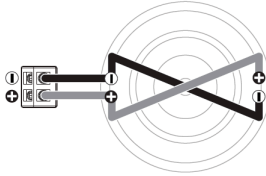
Specifications:	ZP12D2	ZP12D4
Speaker Type	Subwoofer	Subwoofer
Speaker Size	12" (322mm)	12" (322mm)
Impedance	2x2 Ω	2x4 Ω
Power (RMS)	1500 W	1500 W
Power (MAX)	4500 W	4500 W
Voice Coil	3" (75mm)	3" (75mm)
Displacement	3 L	3 L
Mounting Depth	186.5 mm	186.5 mm
Mounting Diameter	281.5 mm	281.5 mm
Outer Diameter	322 mm	322 mm
Weight	11.6 kg	11.6 kg

TS PARAMETERS

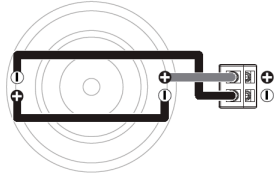
Subwoofer:	ZP12D2 (Series)	ZP12D4 (Series)
Sensitivity:	83.1dB (1W/1m)	84.9dB (1W/1m)
Re:	3.6 Ohm (1.8 + 1.8)	6.4 Ohm (3.2 + 3.2)
Fs:	32.6 Hz	36.2 Hz
Qms:	4.710	2.625
Qes:	0.643	0.593
Qts:	0.566	0.483
Cms:	64.539 μ M/N	62.527 μ M/N
Vas:	24.280 L	25.028 L
BL:	20.552 Tm	27.522 Tm
Sd:	514.72 cm ²	530.93 cm ²
Mms:	367.367 g	306.625 g
Le:	3.498 mH	5.609 mH
No:	0.128%	0.195%
EBP:	50.83 Hz	61.2 Hz
Xmax:	17.5 mm	17.5 mm

SUBWOOFER CONNECTIONS

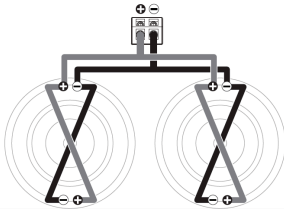
SINGLE SUBWOOFER SYSTEM
WIRED IN PARALLEL



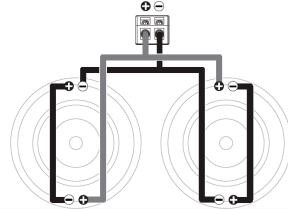
SINGLE SUBWOOFER SYSTEM
WIRED IN SERIES



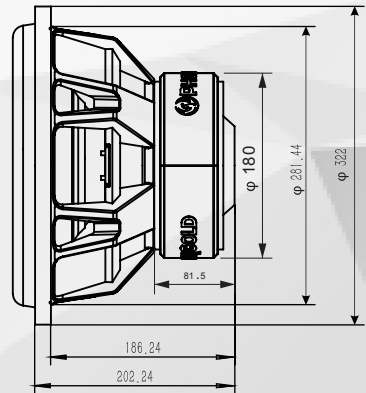
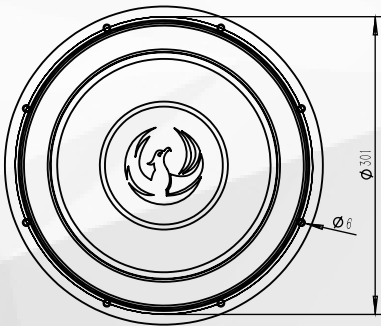
DUAL SUBWOOFER SYSTEM
WIRED IN PARALLEL



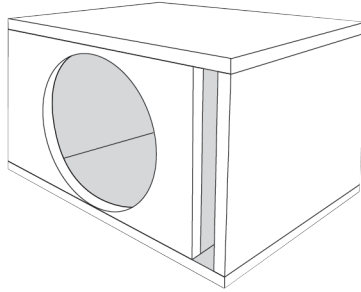
DUAL SUBWOOFER SYSTEM
WIRED IN SERIES - PARALLEL



ZP12 CRITICAL DIMENSIONS



ENCLOSURES



Subwoofer:	ZP12D2	ZP12D4
Subwoofer Displacement:	3L / 0.1ft ³	3L / 0.1ft ³
Ported Enclosure:	45L – 70L / 1.4-2.4ft ³	

Small Ported Enclosure	
Volume (Net):	45L / 1.58ft ³
Port Tuning:	40Hz
Port Area:	200cm ² / 31in ²
Port Length:	710mm

Recommended Ported Enclosure	
Volume (Net):	60L / 2.1ft ³
Port Tuning:	35Hz
Port Area:	235cm ² / 36in ²
Port Length:	830mm

Disclaimer

Always ensure the subwoofer is securely attached, to avoid movement. PHOENIX GOLD accepts no responsibility for damage or injury in relation to inappropriate securing of this product.

Phoenix Gold Product Warranty

LIMITED WARRANTY ON SUBWOOFERS

Phoenix Gold warrants this product to be free of defects in materials and workmanship for a period of one (1) years from the original date of purchase. This warranty is not transferable and applies only to the original purchaser from an authorized Phoenix Gold dealer. Should service be necessary under this warranty for any reason due to manufacturing defect or malfunction, Phoenix Gold or it's Country distributor / reseller will (at its discretion) repair or replace the defective product with new or re-manufactured product of no charge. Damage caused by the following is not covered under warranty: accident, misuse, abuse, product modification or neglect, failure to follow installation