

 **PHOENIX GOLD**

ZP
series
PRO AUDIO



ZP12D2/D4

12" SUBWOOFER

SPECIFICATIONS

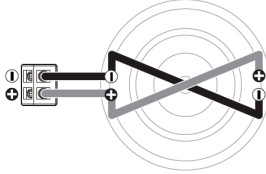
Specifications:	ZP12D2	ZP12D4
Speaker Type	Subwoofer	Subwoofer
Speaker Size	12" (322mm)	12" (322mm)
Impedance	2x2 Ω	2x4 Ω
Power (RMS)	1500 W	1500 W
Power (MAX)	4500 W	4500 W
Voice Coil	3" (75mm)	3" (75mm)
Displacement	3 L	3 L
Mounting Depth	186.5 mm	186.5 mm
Mounting Diameter	281.5 mm	281.5 mm
Outer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

TS PARAMETERS

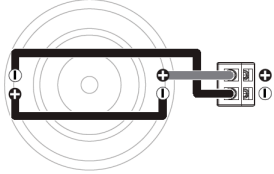
Specifications:	ZP12D2	ZP12D4
Sensitivity	83.1dB (1W/1m)	84.9dB (1W/1m)
Re	3.6 Ohm	6.4 Ohm
Fs	32.686 Hz	36.289 Hz
Qms	4.710	2.625
Qes	0.643	0.593
Qts	0.566	0.483
Cms	64.539 μM/N	62.527 μM/N
Vas	24.280 L	25.028 L
BL	20.552 Tm	27.522 Tm
Sd	514.72 cm ²	530.93 cm ²
Mms	367.367 g	307.625 g
Le:	3.498 mH	5.609 mH
EBP:	50.83 Hz	61.2 Hz
Xmax	17.5 mm	17.5 mm

SUBWOOFER CONNECTIONS

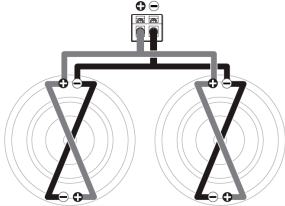
SINGLE SUBWOOFER SYSTEM
WIRED IN PARALLEL



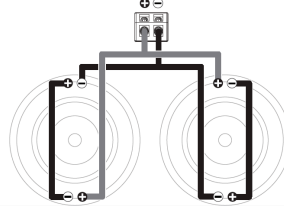
SINGLE SUBWOOFER SYSTEM
WIRED IN SERIES



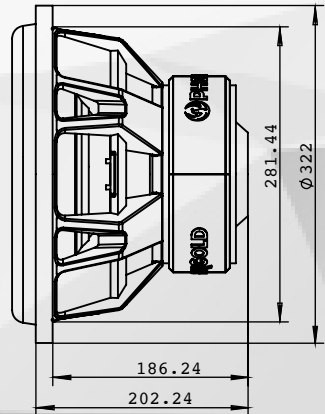
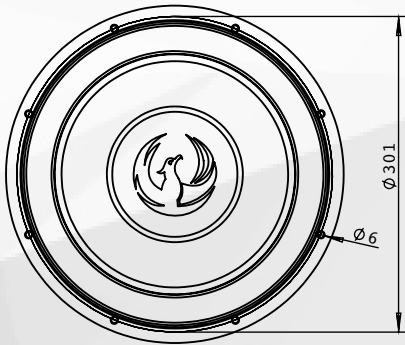
DUAL SUBWOOFER SYSTEM
WIRED IN PARALLEL



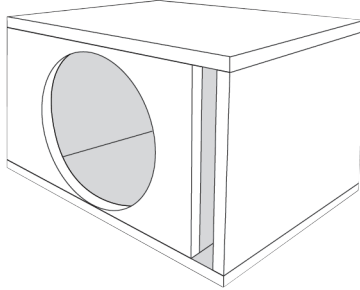
DUAL SUBWOOFER SYSTEM
WIRED IN SERIES - PARALLEL



ZP12 CRITICAL DIMENSIONS



ENCLOSURES



Specifications:	ZP12D2 (Series)	ZP12D4 (Series)
Displacement	3 L / 0.1ft ³	3 L / 0.1ft ³
Sealed Enclosure:	20L - 35L / 0.9 - 1.2ft ³	Not Recommended

Ported Enclosure Small:	45L / 1.58ft ³	45L / 1.58ft ³
Tuning	40hz	40hz
Port Area	200cm ² / 31in ²	200cm ² / 31in ²

Ported Enclosure recommended:	60L / 2.1ft ³	60L / 2.1ft ³
Tuning	35hz	35hz
Port Area	235cm ² / 36in ²	235cm ² / 36in ²

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 its Country distributor / reseller will (at its discretion) repair or replace the defective product with new or re-manufactured product at no charge. Damage caused by the following is not covered under warranty: accident, misuse, abuse, product modification or neglect, failure to follow installation instructions, unauthorized repair attempts, misrepresentations by the seller. This warranty does not cover incidental or consequential damages and does not cover the cost of removing or reinstalling the unit(s). Cosmetic damage due to accident or normal wear and tear is not covered under warranty.