



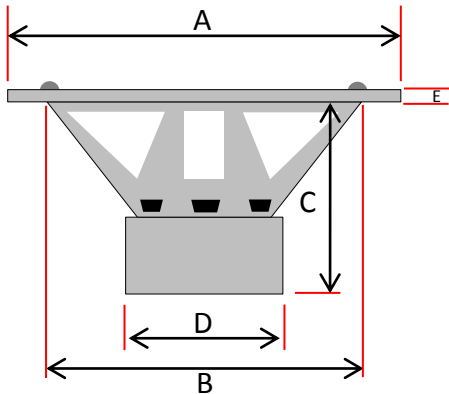
Pink Edition



TECHNICAL SPECIFICATIONS

Product name	GZHW 12XSPL-D1
Product type	Subwoofer chassis
Diameter	314 mm / 12.36"
Mounting diameter	281 mm / 11.06"
Mounting depth	176 mm / 6.93"
Magnet dimension	3 x 180 x 20 mm
Total weight	13.25 KG
Voice coil diameter	75 mm / 3" Round Wire
Voice coil winding height	40 mm / 1.57"
Voice coil wire material	Copper
Voice coil former material	Aluminum
Top plate height	12 mm / 0.47"
Linear excursion (one direction)	14 mm / 0.55"
Effective Xmax	40 mm / 1.57"
Top Plate and T-Yoke color	Black machined
Basket material	Aluminum Cast
Basket color	Yellow (pink)
Spider	2x Progressive Polycot
Surround	High Roll Sandwich Foam
Cone	Reinforced paper
Dustcap	IMPP konvex / with 3D Logo
Magnetcover	PVC

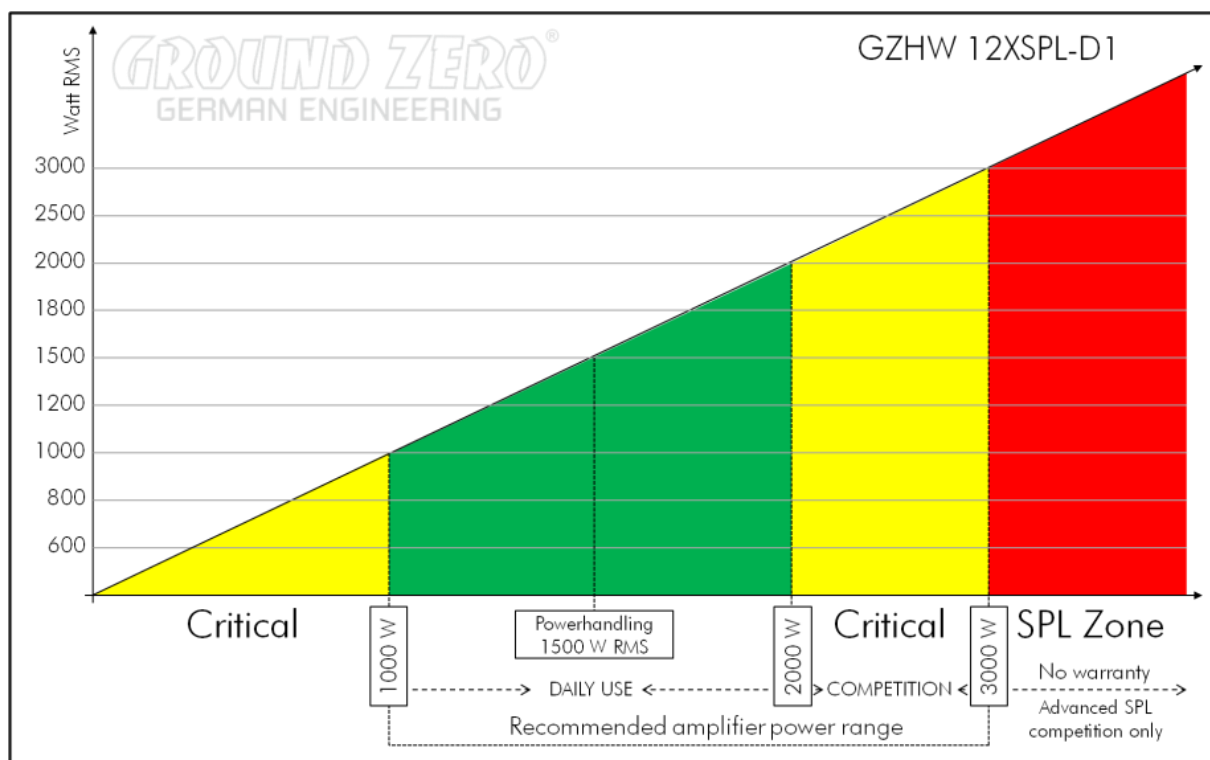
Gasket	Foam
Terminal	Black chrome push terminal
Power handling	3000 W SPL Power (1500 WRMS)
Impedance	2 x 1 Ohm
Re	2.04 Ohm
Res	23.36 Ohm
FS	39.7 Hz
Qms	5.922
Qes	0.516
Qts	0.475
Rms	15.343 kg/s
Cms	0.044 mm/N
Mms	364.41 gr
BL	18.933 N/A
SPL (1w/1m)	86 dB
VAS	17.61 L / 0.62 cu.ft
Le	2.260 mH
Recommended freq. response	40 – 100 Hz
Recommended amplifier power	1000 – 3000 WRMS @20hm / 0,5 Ohm
Sound Quality	☺☺☺ (max. ☺☺☺☺☺☺)
SPL Competition	☺☺☺☺ (max. ☺☺☺☺☺☺)
Low bass performance 20-50Hz	☺☺☺☺ (max. ☺☺☺☺☺☺)
Mid bass performance 50-80Hz	☺☺☺☺ (max. ☺☺☺☺☺☺)



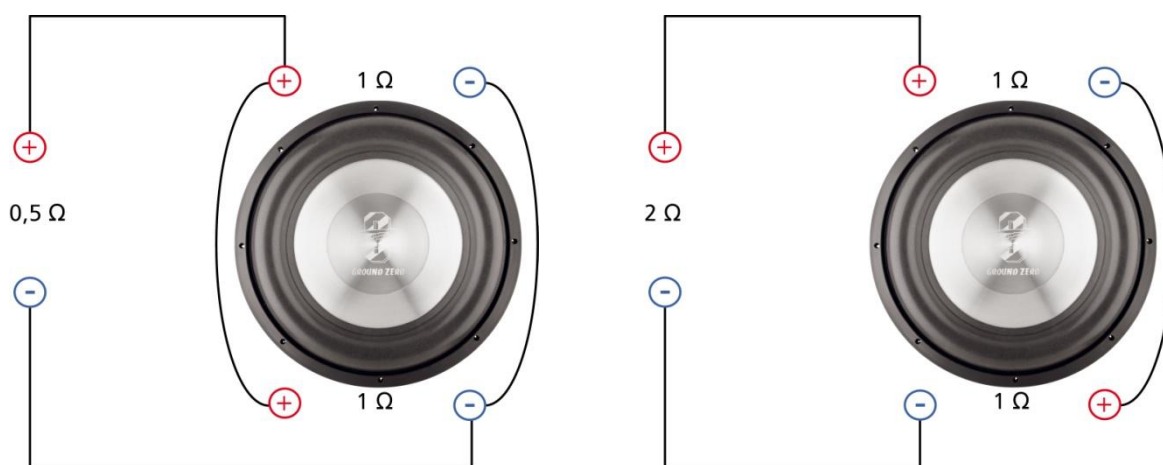
A	314 mm / 12.36"
B	281 mm / 11.06"
C	176 mm / 6.93"
D	185 mm / 7.28"
E	9 mm / 0.35"



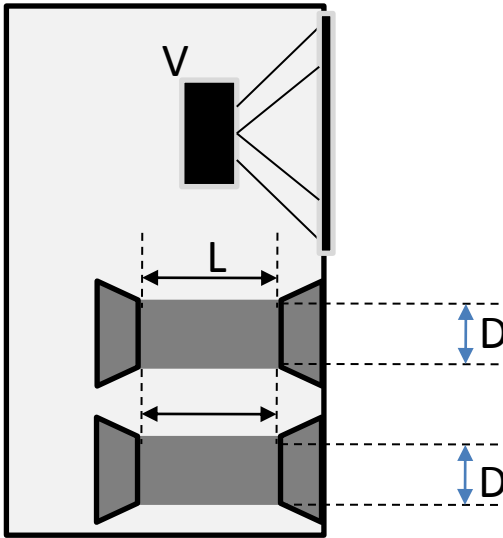
AMPLIFIER RECOMMENDATION



WIRING



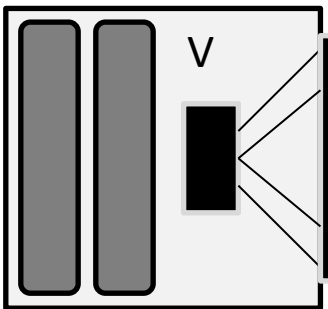
BOX RECOMMENDATION



Medium size vented box

V: 65 L / 2.295 cu.ft
 D: 2x 100 mm / 2 x 4"
 L: *270 mm / 10.63"

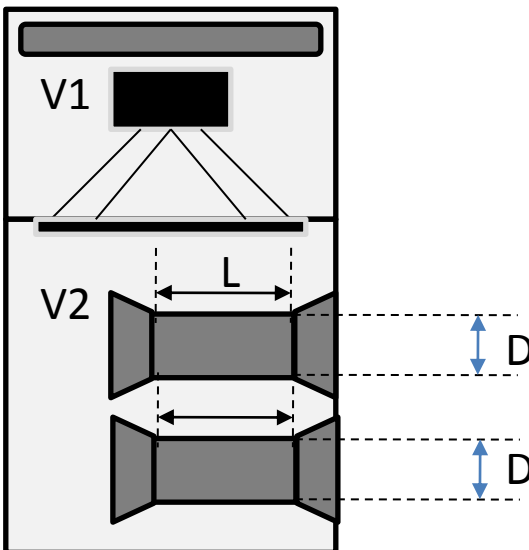
No damping



Medium size sealed box

15 – 30 L / 0.53 – 1.06 cu.ft
 Qtc 0.7 – 0.6

40 - 60% polyester wool



Medium size bandpassbox

V1: 22 L / 0.78 cu.ft
 V2: 45 L / 1.59 cu.ft
 D: 2 x 100 mm / 2 x 4"
 L: *270 mm / 10.63"

20% polyester wool in V1
 No damping in V2

Die hier aufgeführten Gehäusevorschläge sind nur einige, der möglichen Varianten.

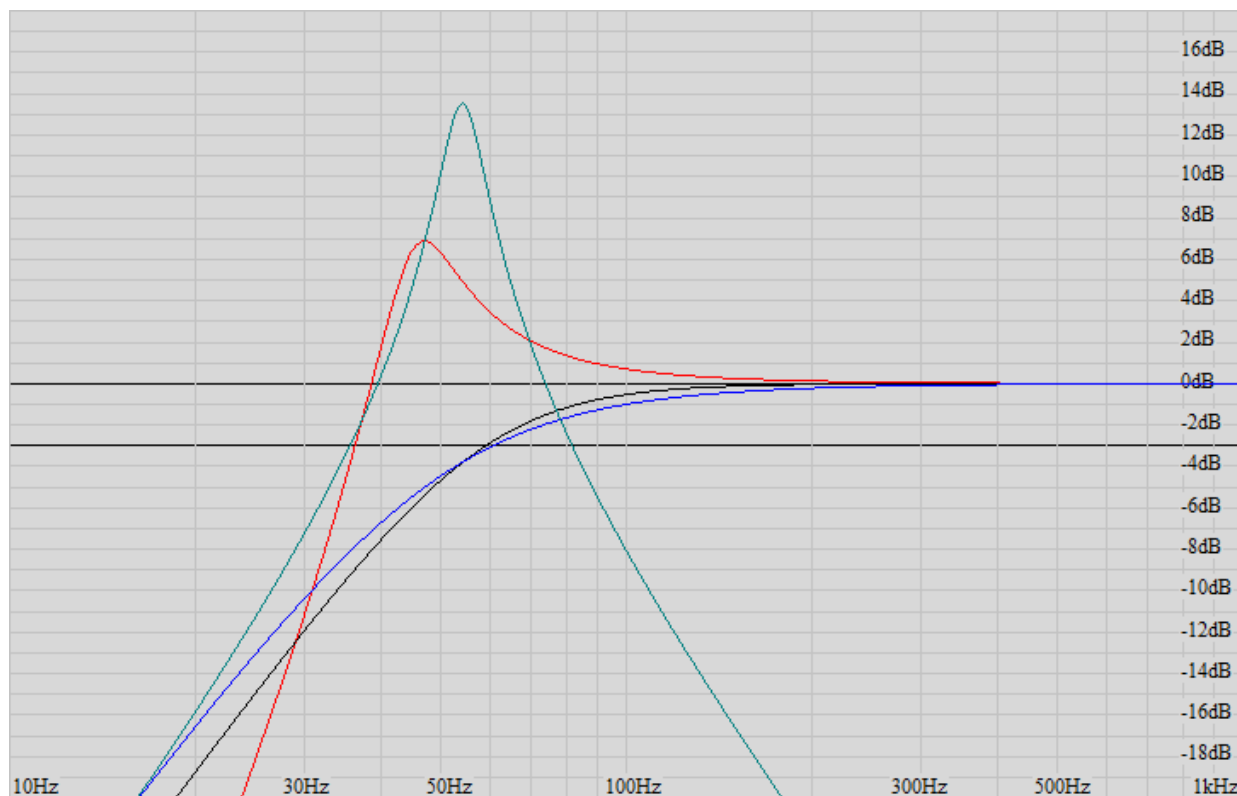
Bitte beachten Sie zudem, dass die finale Abstimmung, speziell die Port Längen je nach Fahrzeug und eigenem Geschmack variiert werden sollte.

Above-mentioned enclosure recommendations are just a few possible variations.

Please note that you should find the perfect tuning, especially port length, based on your car and own taste.



BOX RECOMMENDATION



Curve	Type	Volume	F3/ Qtc
Red	Vented	65 L / 2.295cu.ft	36 Hz
Black	Sealed	15 L / 0.53 cu.ft	59 Hz / 0.7
Blue	Sealed	30 L / 1.06 cu.ft	60 Hz / 0.6
Green	Bandpass 4th order	V1: 22 L / 0.78 cu.ft V2: 45 L / 0.99 cu.ft	Centerfreq. 54 Hz

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