GROUND ZERO GmbH – Erlenweg 25 – 85658 Egmating – Germany

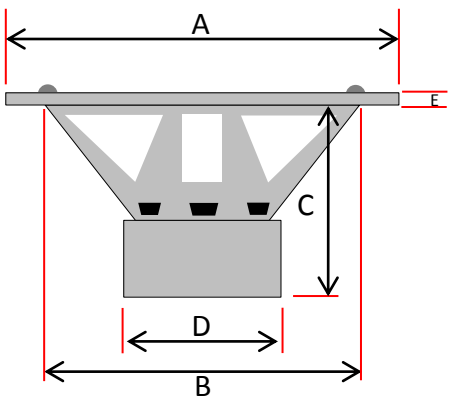
GroundZeroAudioCom

www.ground-zero-audio.com
info@ground-zero-audio.com

TECHNICAL SPECIFICATIONS

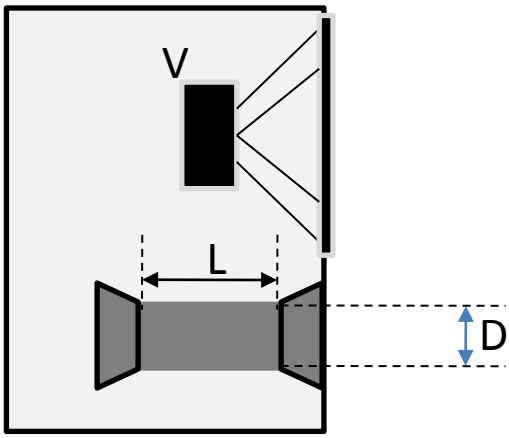
Product name	GZHW 18XSPL-D1
Product type	Subwoofer chassis
Diameter	464 mm / 18.27“
Mounting diameter	425 mm / 16.73“
Mounting depth	255 mm / 10.04“
Magnet dimension	3 x 220x 20 mm
Total weight	21.5 KG
Voice coil diameter	75 mm / 3“ Round Wire
Voice coil winding height	45 mm / 1.77“
Voice coil wire material	Copper
Voice coil former material	Aluminum
Top plate height	13 mm / 0.51“
Linear excursion (one direction)	16 mm / 0.63“
Effective Xmax	45 mm / 1.77“
Top Plate and T-Yoke color	Black machined
Basket material	Aluminum Cast
Basket color	Yellow
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	4000 W SPL Power
Impedance	2 x 1 Ohm
Re	1.75 Ohm
Res	28.3 Ohm
FS	34.3 Hz
Qms	6.553
Qes	0.404
Qts	0.381
Rms	19.982 kg/s
Cms	0.035 mm/N
Mms	606.79 gr
BL	23.778 N/A
SPL (1w/1m)	92 dB
VAS	75.21 L / 2.66 cu.ft
Le	2.37 mH
Recommended freq. response	35 – 100 Hz
Recommended amplifier power	2000 – 4000 WRMS @2Ohm (0,5 Ohm)
Sound Quality	☺☺☺☺ (max. ☺☺☺☺☺☺)
SPL Competition	☺☺☺☺ (max. ☺☺☺☺☺☺)
Low bass performance 20-50Hz	☺☺☺☺☺ (max. ☺☺☺☺☺☺)
Mid bass performance 50-80Hz	☺☺☺☺ (max. ☺☺☺☺☺☺)



A	464 mm / 18.27“
B	425 mm / 16.73“
C	255 mm / 10.04“
D	225 mm / 8.86“
E	11.5 mm / 0.45“

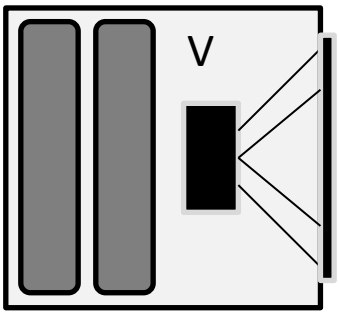
BOX RECOMMENDATION



Big size vented box

V: 140 L / 4.94 cu.ft
D: 200 mm / 8“
L: *300 mm / 12“

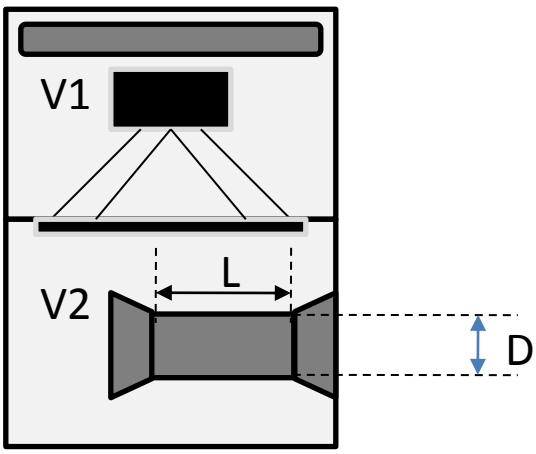
No damping



Medium size sealed box

30 – 60 L / 1.06 – 2.12 cu.ft
Qtc 0.71 – 0.57

40 - 60% polyester wool



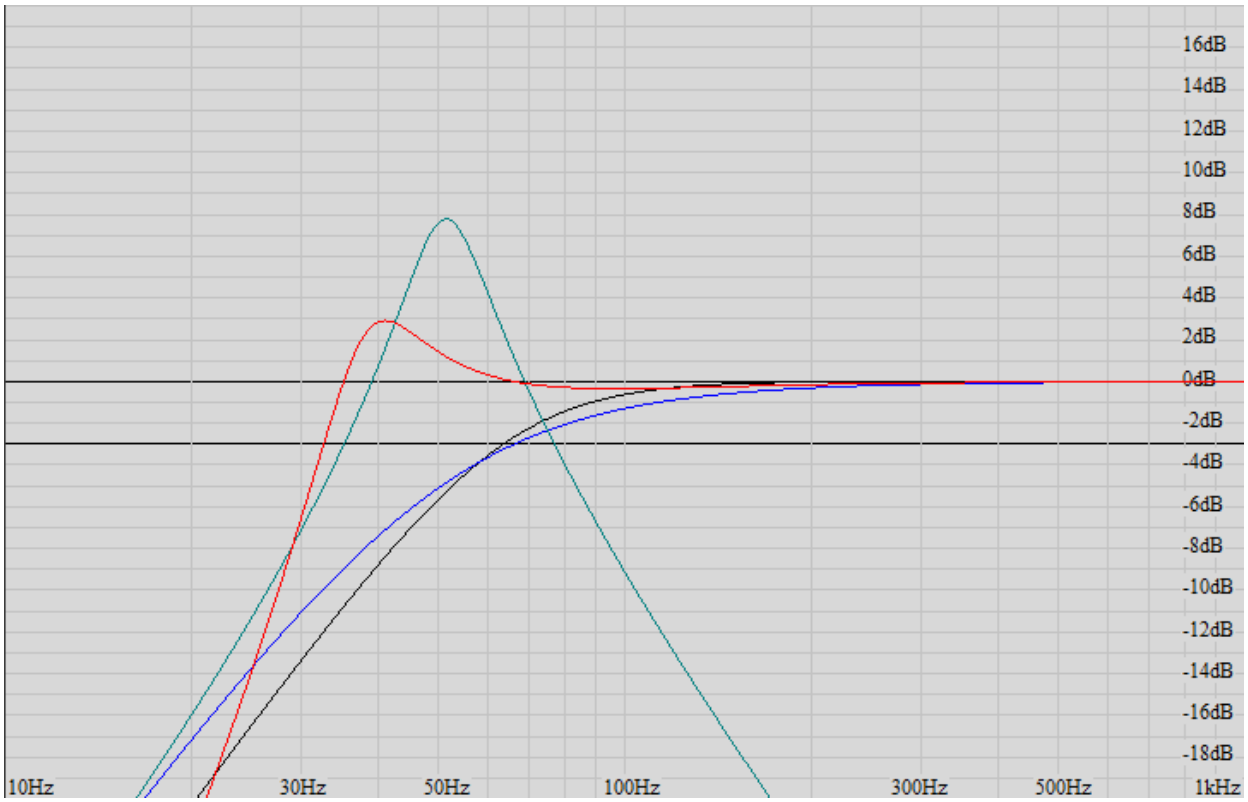
Medium size bandpassbox

V1: 50 L / 1.77 cu.ft
V2: 80 L / 2.82 cu.ft
D: 200 mm / 8“
L: *280 mm / 11.02“

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	140 L / 4.94 cu.ft	32 Hz
Black	Sealed	30 L / 1.06 cu.ft	63 Hz / 0.71
Blue	Sealed	60 L / 2.12 cu.ft	66 Hz / 0.57
Green	Bandpass 4th order	V1: 50 L / 1.77 cu.ft V2: 80 L / 2.82 cu.ft	Centerfreq. 52 Hz

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