

GROUND ZERO HYDROGEN

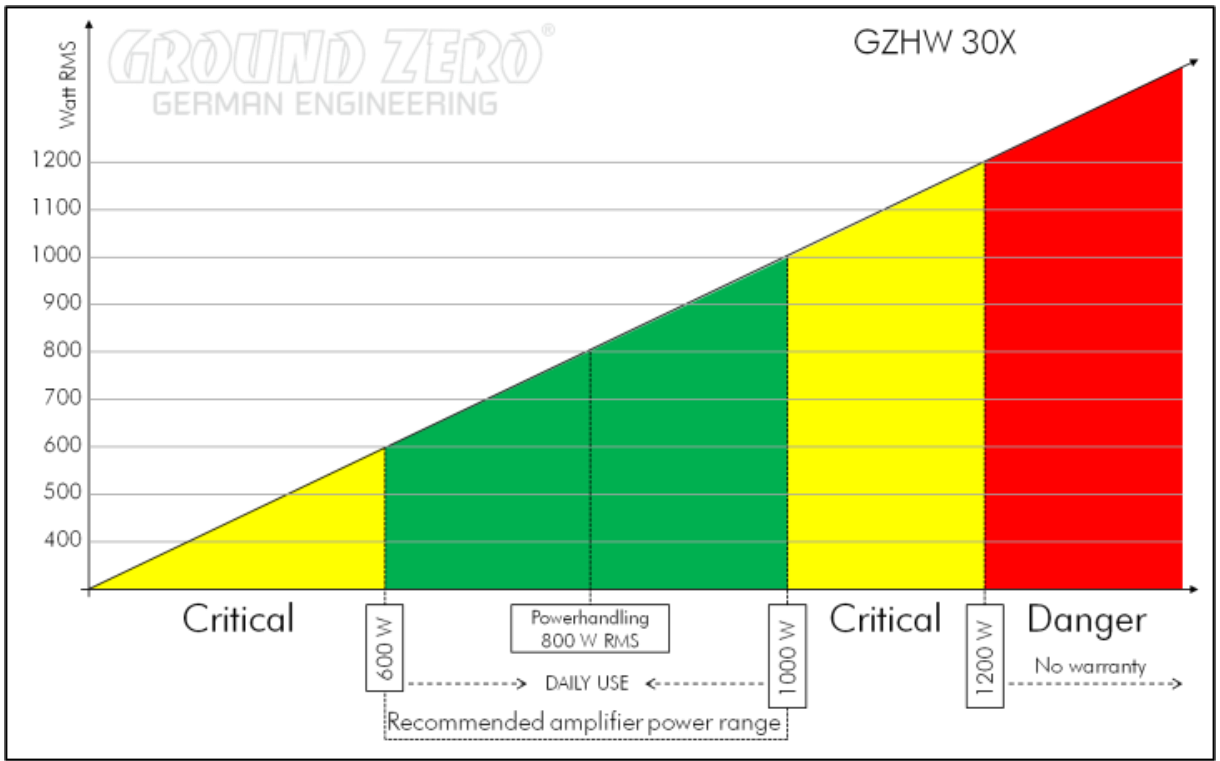
GZHW 30X



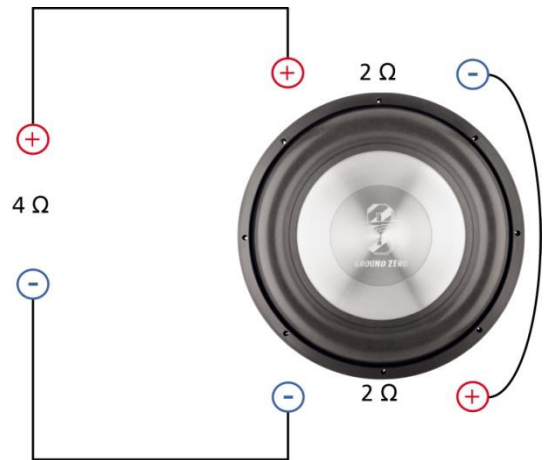
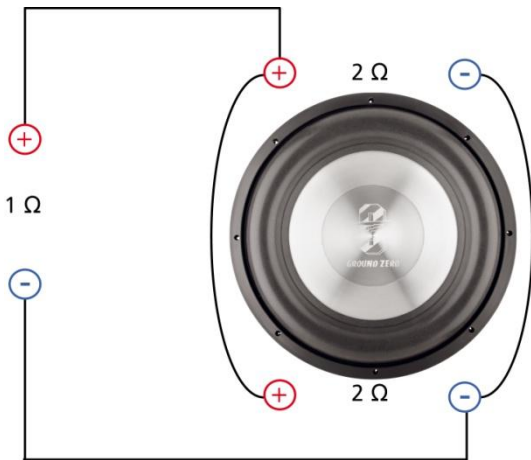
Product name	GZHW 30X
Product type	Subwoofer chassis
Diameter	300 mm / 12"
Mounting diameter	281 mm / 11.06"
Mounting depth	162 mm / 6.43"
Magnet dimension	3 x 170 x 15 mm
Total weight	10,7 KG
Voice coil diameter	63 mm / 2.5" Round Wire
Voice coil winding height	37 mm / 1.46"
Voice coil wire material	Copper
Voice coil former material	Aluminium
Top plate height	12,5 mm / 0.49"
Linear excursion (one direction)	12,25 mm / 0.48"
Effective Xmax	25 mm / 0.984"
Top Plate and T-Yoke color	Chrome
Basket material	Aluminium Cast
Basket color	Grey
Spider	1x Connex
Surround	Rubber
Cone	Aluminium
Dustcap	Aluminium invers /Logo print
Magnetcover	PVC
Gasket	PVC
Terminal	Black chrome push terminal
Power handling	800 WRMS

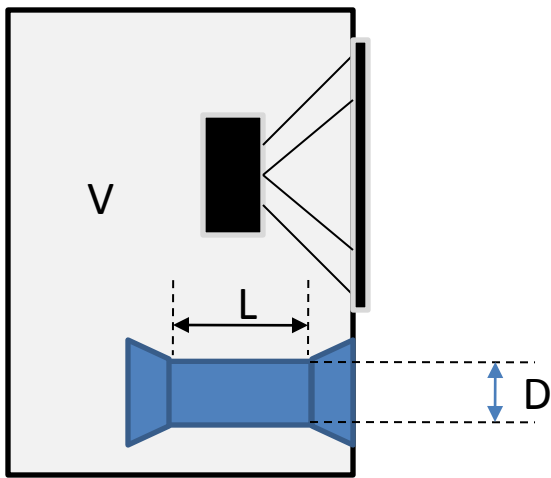
Impedance	2 x 2 Ohm
Re	4,3 Ohm
Res	101,6 Ohm
FS	23,5 Hz
Qms	4.6
Qes	0.36
Qts	0.33
Rms	7,9 kg/s
Cms	0.19 mm/N
Mms	245,6 gr
BL	20.9 N/A
SPL	86 dB
VAS	62 L / 2.19 cu.ft
Le	2.95 mH
Recommended freq. response	25 – 100 Hz
Recommended amplifier power	600 – 1000 WRMS @ 4 Ohm (1 Ohm)
Sound Quality	☺☺☺ (max. ☺☺☺☺☺)
SPL Competition	☺☺☺ (max. ☺☺☺☺☺)
Low bass performance 20-50Hz	☺☺☺☺ (max. ☺☺☺☺☺)
Mid bass performance 50-80Hz	☺☺☺ (max. ☺☺☺☺☺)

AMPLIFIER RECOMMENDATION



WIRING





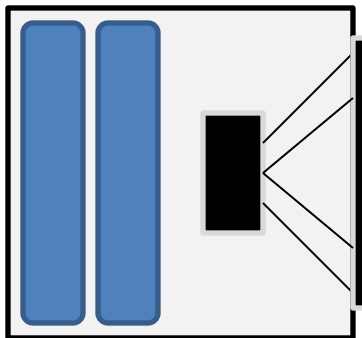
Medium size vented box

V: 40 L / 1.41 cu.ft

D: 100 mm / 4"

L: 220 mm / 8.7"

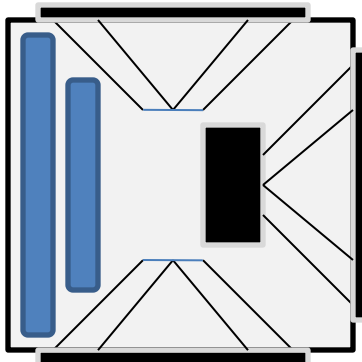
No damping



Small size sealed box

15 – 19 L / 0.52 – 0.67 cu.ft

40 - 60% polyester wool

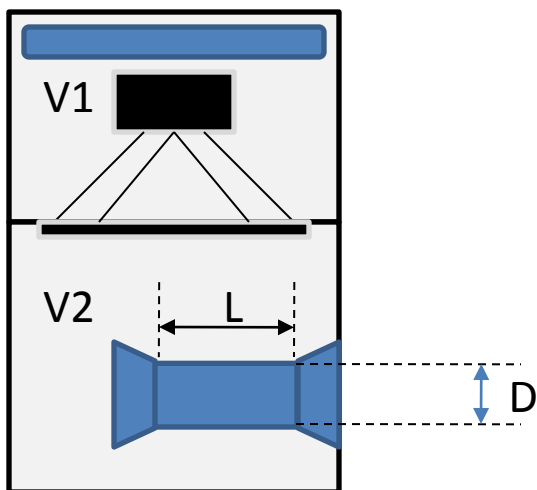


Small size passive radiator box

20 – 33 L / 0.706 – 1.165 cu.ft

+ 2x **GZUP 12**

20 - 40% polyester wool



Medium size bandpassbox

V1: 15 L / 0.53 cu.ft

V2: 30 L / 1.06 cu.ft

D: 100 mm / 4"

L: 150 mm / 5.9"

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.