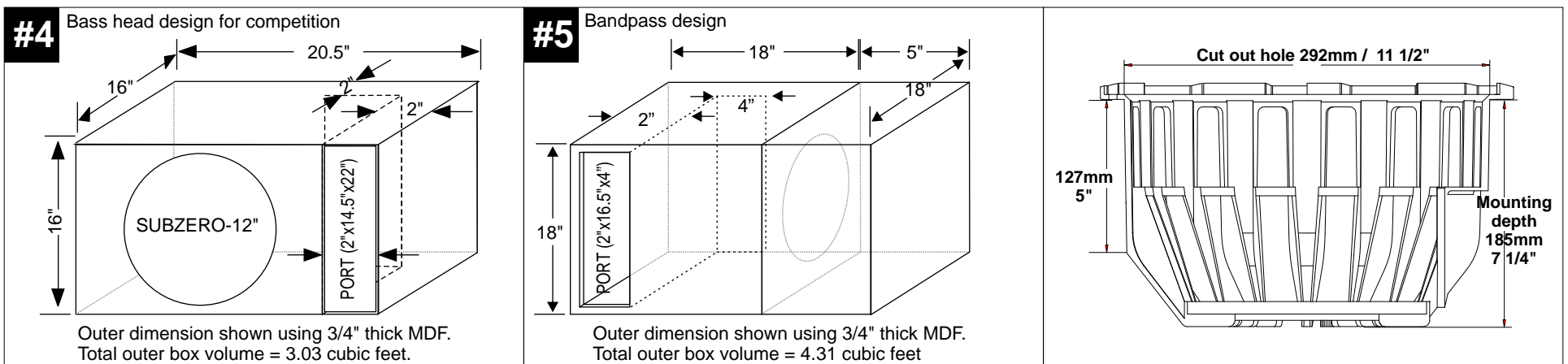
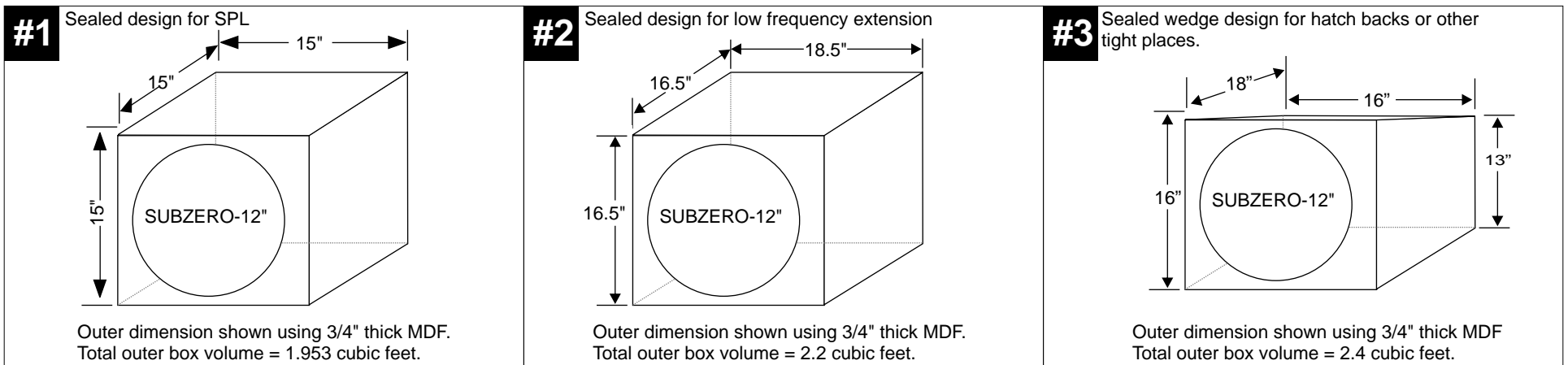


SUBZERO-12 2000 WATTS

Winner of the 2004
Design & Engineering Award
INNOVATIONS
INTERNATIONAL CES

1" = 2.54 cm
1 cubic foot = 1728 cubic inches
Grille Clearance: 2"
Displacement: .2 Cube Feet



Specifications are subject to change without notice

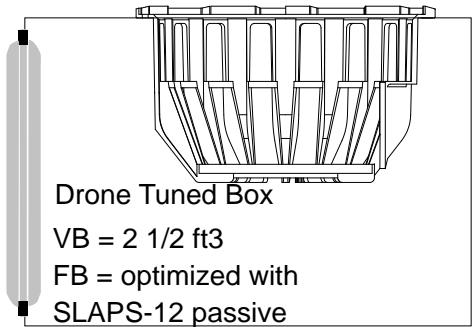
HANDCRAFTED IN USA.

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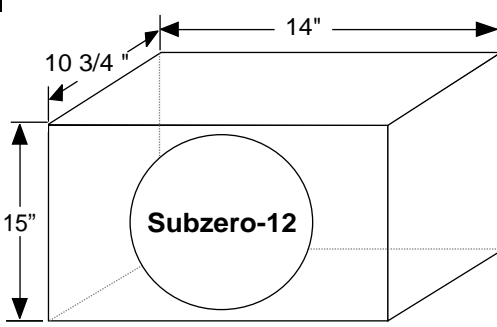
#6 Passive tuned design for deep bass small volume



Drone Tuned Box
VB = 2 1/2 ft³
FB = optimized with
SLAPS-12 passive

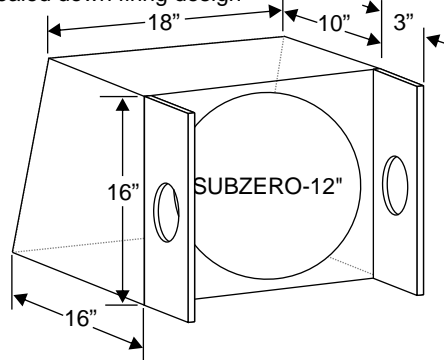
Outer dimension shown using 3/4" thick MDF.

#7 Sealed design for tight bass



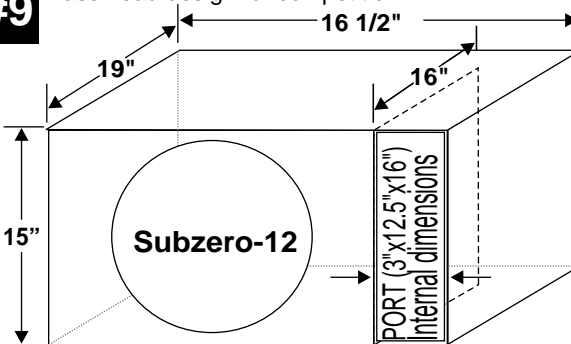
Outer dimension shown using 3/4" thick MDF.
Total outer box volume = 1.306 cubic feet

#8 Sealed down firing design



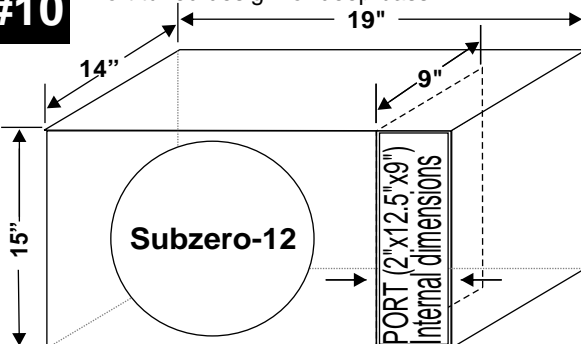
Outer dimension shown using 3/4" thick MDF
Total outer box volume = 2.667 cubic feet

#9 Bass head design for competition



Outer dimension shown using 3/4" thick MDF.
Total outer box volume = 2.721 cubic feet

#10 Port tuned design for deep bass



Outer dimension shown using 3/4" thick MDF.
Total outer box volume = 2.309 cubic feet

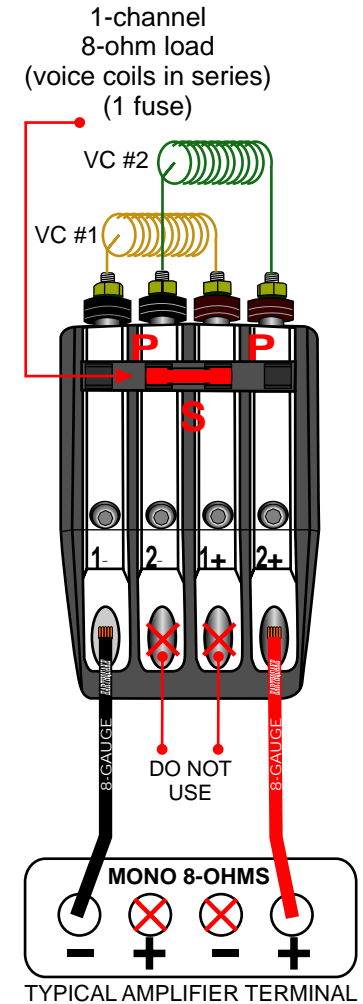
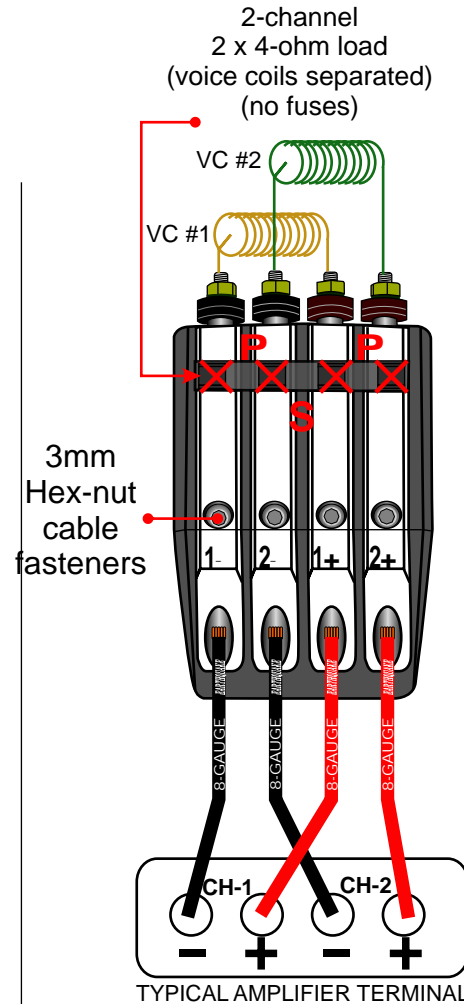
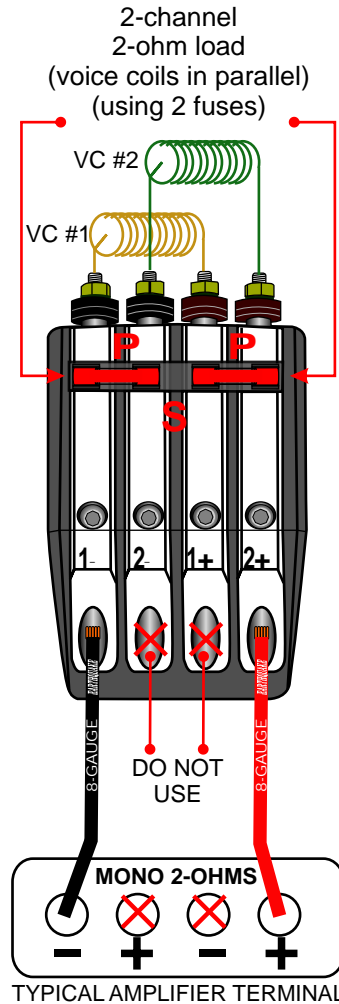
Specifications are subject to change without notice

HANDCRAFTED IN USA.

HOW TO WIRE / FUSE YOUR SUBZERO TO AN AMPLIFIER

PSP (Parallel Series Parallel) Terminal

The Subzero subwoofer comes equipped with 2 voice coils (dual 2x4 ohms), it can be used in 2, 4 and 8ohm configurations. The terminal comes equipped with fused jumpers, the voice coil can be easily configured in series or in parallel to match the amplifier in use. It is just a simple flip of a fuse, here's how it works.



The diagram -on the left side- shows the PSP terminal in a 2-ohm parallel configuration (both voice coils are connected in parallel). Simply place the 2 fuses in the outer positions in the fuse placement area. Insert the negative speaker wire to the far left insert and one positive to the far right insert.

This diagram shows the PSP terminal in a 4-ohm configuration (the two voice coils are separated). No fuses are used in this configuration, the voice coils are powered up separately.

The diagram - on the right side- displays the PSP in an 8-ohm mode. You will notice that there is only one fuse in the center of the fuse placement area. The voice coils are wired in series. Insert the negative speaker wire to the far left insert and one positive to the far right insert.

Electro Mechanical Parameters

Name = EARTHQUAKE Subzero 12 (broken in)

Note = VI MEASURMENTS

Model = TSL

Domain = FreeAir

Shape = Round

Profile = Cone

Fmd = 3.0000 KA

Qmd = 1.0000

Flp = 8.0000 KA

Qlp = 2.0000

Znom = 8.0000 Ohm

Revc = 7.7000 Ohm

Sd = 53.0000E-3 M²

Mmd = 236.4970E-3 Kg

Pmax = 1.0000E3 W

Rtvc = 250.0000E-3 °C/W

Xgap = 12.7000E-3 M

Xcoil = 76.2000E-3 M

Xmax = 31.7500E-3 M

Krm = 35.5980E-3 Ohm

Erm = 805.0000E-3

Kxm = 237.3670E-3 H

Exm = 672.0000E-3

Rms = 3.7712 N·S/M

Mms = 243.5090E-3 Kg

Cms = 144.8275E-6 M/N

Vas = 58.1062E-3 M³

Fo = 26.8001 Hz

Qms = 10.8730

Qes = 0.4411

Qts = 0.4239

BL = 26.7542 T·M

Levc = 13.4777E-3 H

SPLo = 85.8761 dB

No = 243.1000E-3 %