



**RECOMMENDED SUBWOOFER ENCLOSURE AND AMPLIFIER - STORM SERIES SUBWOOFER**

Model No : STORM-12.D2		
Technical Specification and Parameters	Parallel	Series
Diameter:	12"(30.5CM)	
RMS/MAX Power:	601/1201W	
Frequency Range:	30-400 Hz	
Sensitivity:	86.2dB	
Resistance:	2X2 Ohm	
Voice coil diameter:	2.4"(60.1mm)	
Magnetic System Weight:	100Oz(2.8 Kg)	
Resonant Frequency (Fo):	37.92 Hz	37.791 Hz
Mechanical quality factor (Qms)	2.431	3.425
Electrical quality factor (Qes):	0.543	0.649
Total quality factor (Qts):	0.444	0.545
Equivalent Volume (Vas):	26.961	23.531
Movable system mass (Mms):	206.556 g	237.889
Strength factor (BL):	9.034 Tm	17.708
Voice coil Inductance (Le):	531.941 mH	17.708
Coil Resistance, Ohm (Re):	2.0+2.0	1.9+1.9
Effective diffuser area (Sd)	47.144m	47.144
Suspension flexibility, mkm/H (Cms):	85.284 uM/N	74.558
Reference Efficiency (No):	0.26%	0.19%
Xmax:	30MM	30MM

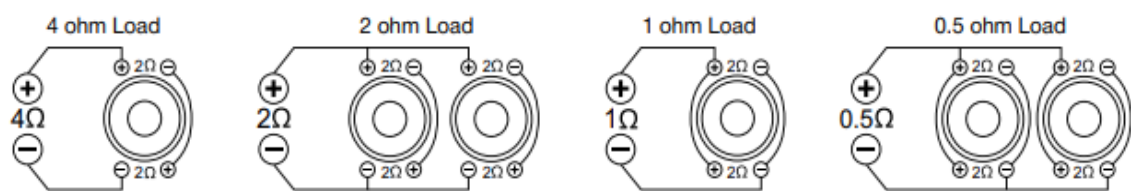
**STORM-12.D2**



**FIREBALL-D1.1000**



**Connection options:**



**Recommended Box Size**

**1.2-1.8 cuft**

**Recommended Box Type**

**Ported**

**Recommended Aura Amplifier**

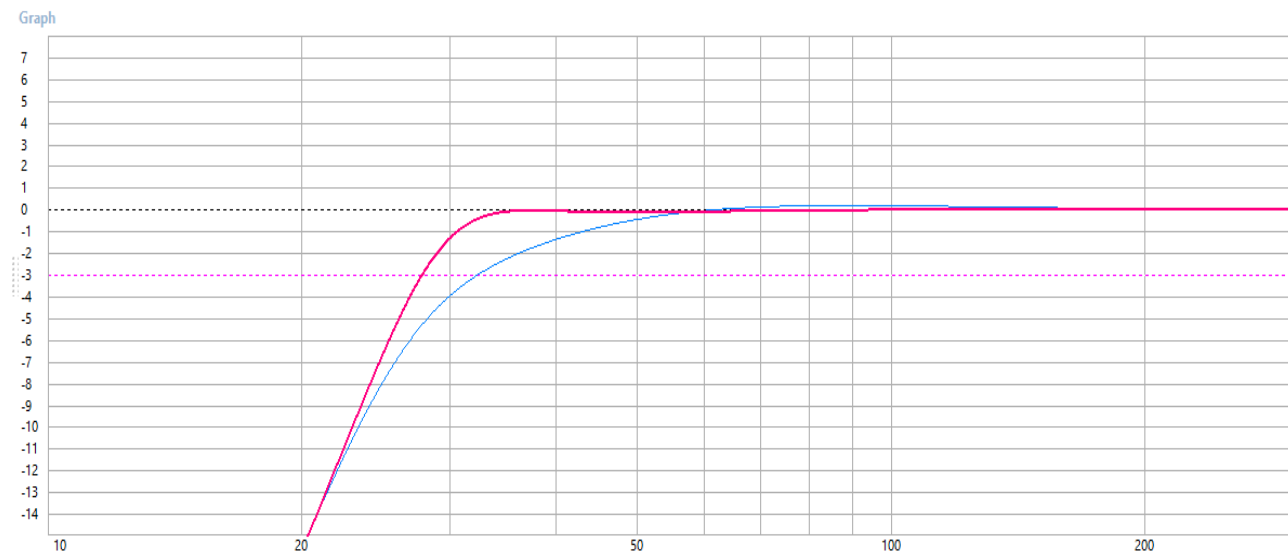
**FIREBALL-D1.1000**

or any other amplifier which can provide 600 watts RMS at 4ohms or 1 ohms

Box Size	Port Tune	F3	Subsonic	Remarks
1.8 cuft	31 Hz	27.6 Hz	25 Hz	More low end at cost of accuracy and tightness
1.2 cuft	31 Hz	32 Hz	25 Hz	Compact box with less low end but more tightness

**\*Note\*** These boxes sizes are calculated for maximum flat amplitude. If you want to tune it for SPL or loudness then you need to increase the tuning frequency.

**PORTED ENCLOSURE**



Blue: 1.2 cuft      Magenta: 1.8 cuft      Pink Line: -3db point

**\*Volumes are Net Internal Volumes and doesn't account for woofer displacement and bracings\***