


## Sim for Precision Devices 18 inch 1851 / 2

AES rated at 1,000 watts = 105dB Max continuous (111dB peaks) SPL @20Hz  
(-3dB @ 17Hz) in sealed box volume of **59.2 litres** with Q of 0.5.

 AJ Sealed Designer 2.0

[www.ajdesigner.com](http://www.ajdesigner.com)

File Units Box Calculator Help

Speaker Parameters	
Qtc: <input type="text" value="0.5"/>	Vas: <input type="text" value="160"/> liters
Qts: <input type="text" value="0.26"/>	Pmax: <input type="text" value="1000"/> watts
Qes: <input type="text" value="0.27"/>	Diameter: <input type="text" value="46"/> cm
Fs: <input type="text" value="37"/> Hz	Xmax: <input type="text" value="12"/> mm

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☐ Output Response  
☒ Power Response

Box Results	
Vb: <input type="text" value="59.2982"/>	liters
Fb: <input type="text" value="71.1538"/>	Hz
F3: <input type="text" value="110.557"/>	Hz

Power Response: Power vs. Frequency

