



cdtaudio

*let the music begin*

**Model ES-06+DVC Subwoofer Driver**



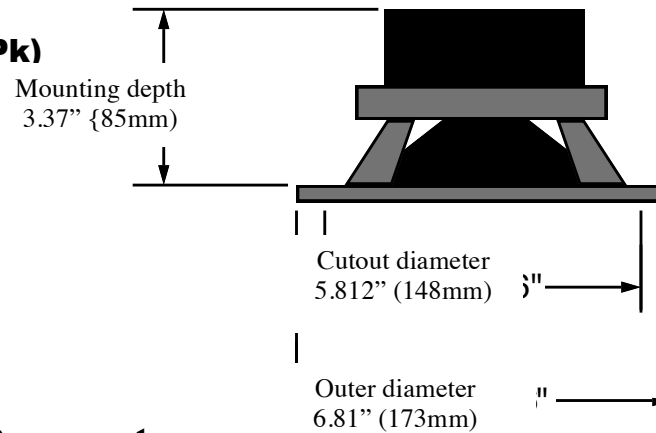
c d t a u d i o

let the music begin

## ES-06+DVC 6.8" Subwoofer

### Specifications

<b>Diameter:</b>	<b>6.8" (170mm)</b>
<b>Sensitivity:</b>	<b>85.6 dB /1W</b>
<b>Power Handling:</b>	<b>100 WRMS (200W Pk)</b>
<b>Frequency Response:</b>	<b>50 ~ 3,000 Hz</b>
<b>Optimum enclosure:</b>	<b>20 ~ 3,000 Hz</b>
<b>Nominal Impedance:</b>	<b>4 Ohms X2</b>
<b>Parallel VC Impedance</b>	<b>2 Ohm</b>
<b>Voice Coil Diameter:</b>	<b>1.4" (35.5mm)</b>
<b>Peak Xmax:</b>	<b>10.6mm</b>

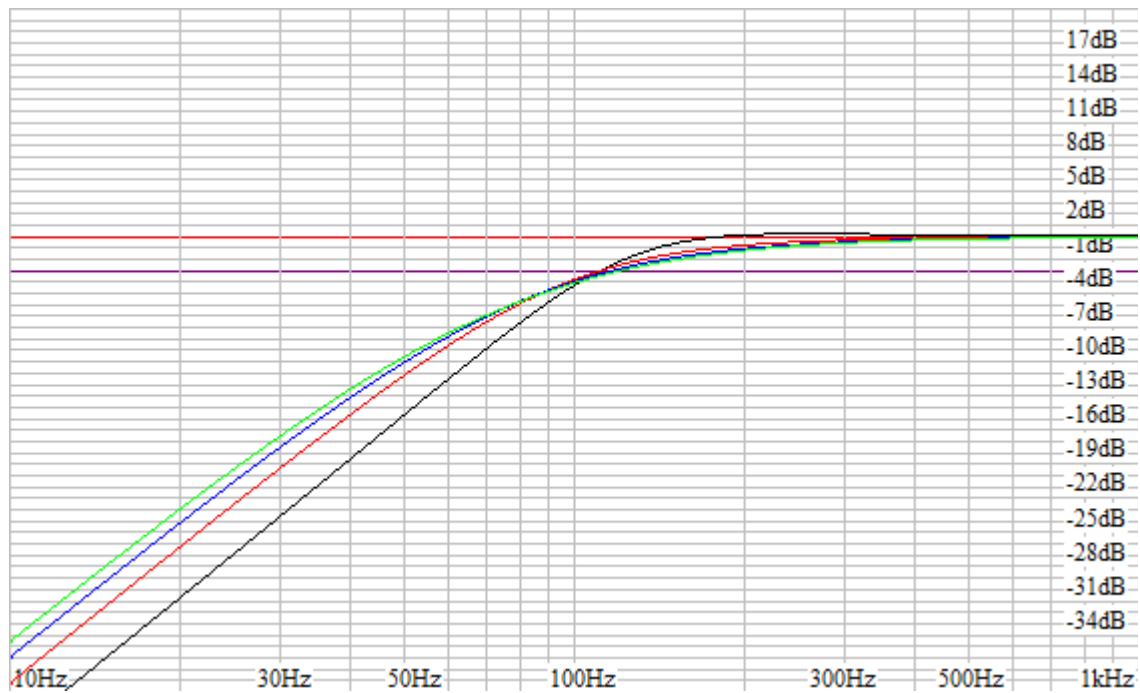


### Thiele-Small Parameters

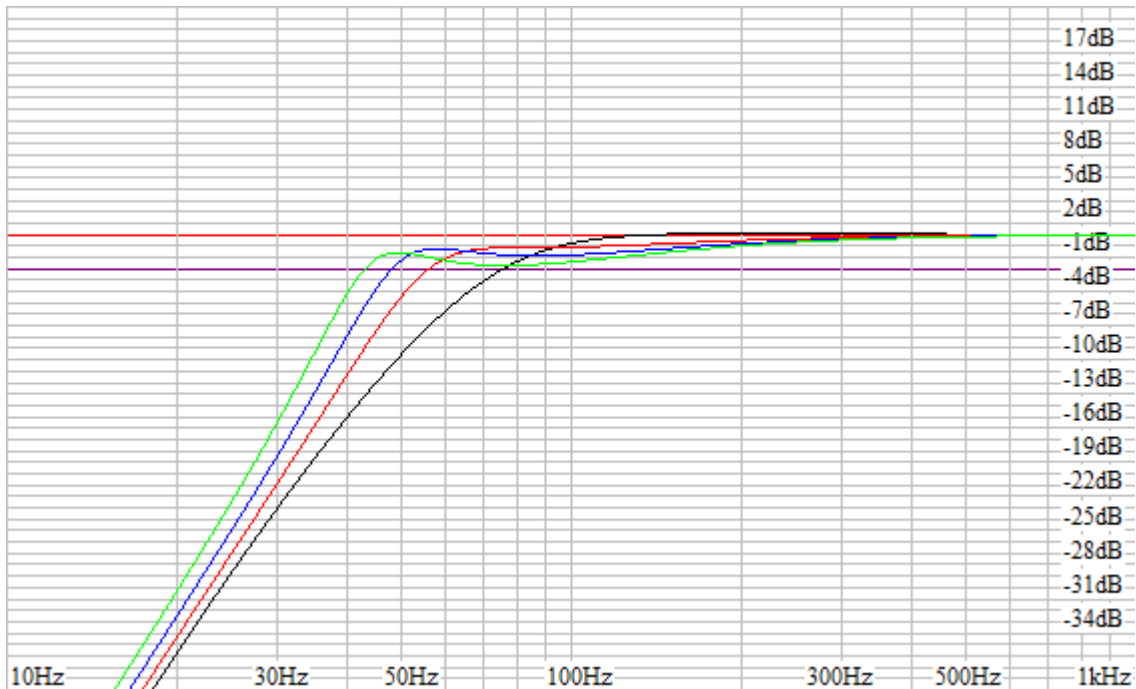
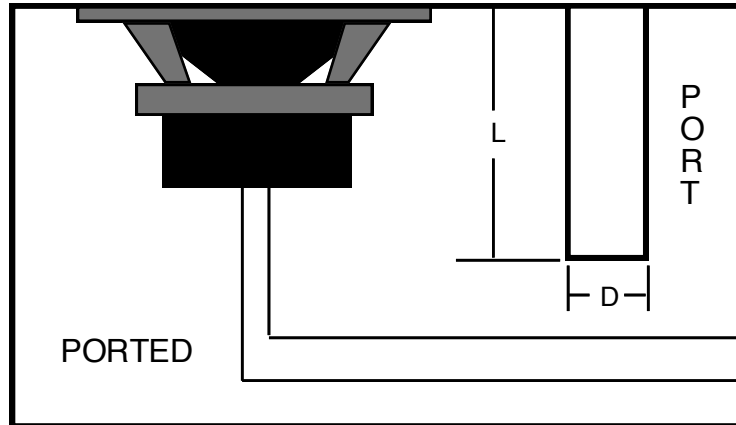
<b>Free Air Resonance:</b>	<b>51.6 Hz</b>
<b>Voice Coil DC Resistance:</b>	<b>3.0 X2 Ohms</b>
<b>Voice Coil Inductance @ 1 kHz:</b>	<b>2.0 mH</b>
<b>Mechanical Q (Q<sub>ms</sub>):</b>	<b>2.214</b>
<b>Electrical Q (Q<sub>es</sub>):</b>	<b>0.395</b>
<b>Total Q (Q<sub>ts</sub>):</b>	<b>0.335</b>
<b>Compliance Volume (V<sub>as</sub>):</b>	<b>6.825 l; 0.24 ft<sup>3</sup></b>
<b>Moving mass, Diaphragm:</b>	<b>22.98 Gr</b>
<b>Motor Force Factor:</b>	<b>10.79 Tm</b>

**(Voice coil Series Connected unless noted)**

# Sealed



**Sealed Box Responses from top to bottom at 30Hz:  
0.2, 0.15, 0.1, 0.05 cubic feet excluding driver displacement  
Response is uncorrected for automotive use.**



**Ported Box Responses at 30 Hz from top to bottom – 0.4 cubic feet, 45 Hz with port 2" dia. X 8.78" long – 0.3 cubic feet, 50 Hz with port 2" dia. X 9.60" long – 0.2 cubic foot, 55Hz with port 2" dia. X 12.26" long – 0.1 cubic feet, 60 Hz with port 1.5" dia. X 11.87"long**



# Axial Frequency Response

