

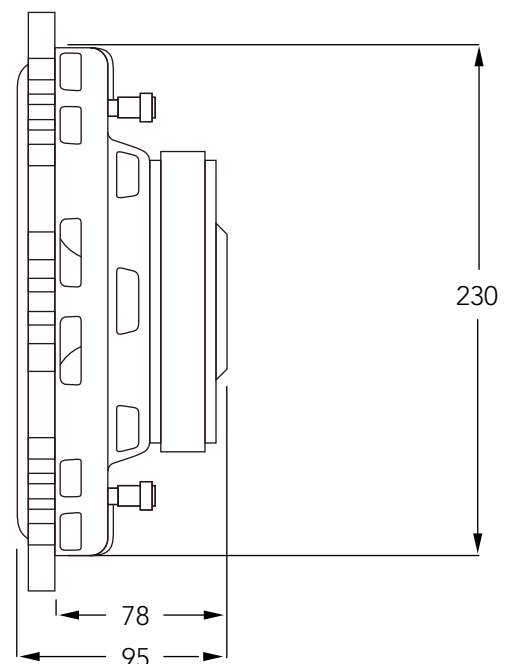
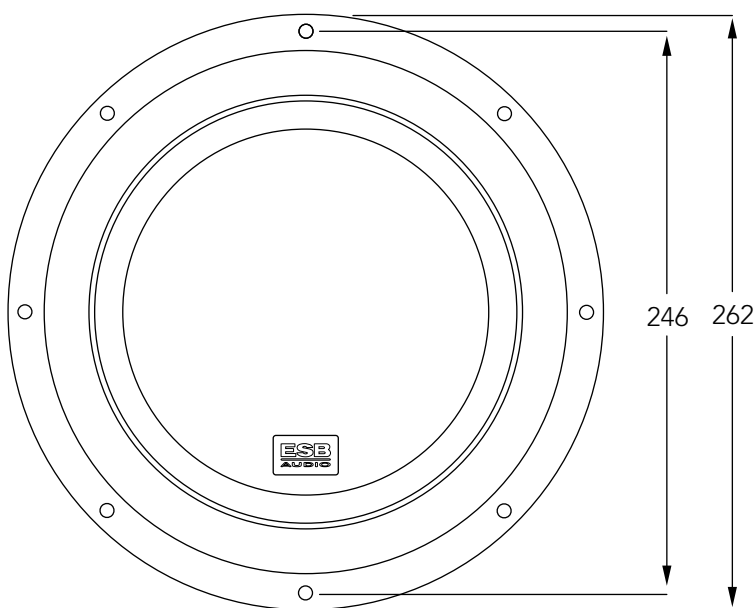
Polystyrene cone  
 Long travel rubber surround  
 2"/51 mm voice coil  
 40.5 Oz Ferrite magnet  
 Steel basket  
 Nominal power handling: 250 Watt  
 Transient power: 500 Watt  
 Impedance: 4+4  $\Omega$  (1.10SD4)  
                   2+2  $\Omega$  (1.10SD2)  
 Sensitivity: 90 dB (1.10SD4)  
                   93 dB (1.10SD2)  
 Frequency Response: 30-400 Hz



Your ESB subwoofer is a precision loudspeaker which has been designed to produce very high-quality sub-bass frequency performance in your car. For maximise the performance of your speaker we highly recommend to use a dedicated enclosure. Inside this manual you will find specifications and two recommended enclosures for your speaker: one is a sealed enclosure, the other is a ported design. Both types of enclosures will give you excellent sound quality and low-frequency extension. The sealed enclosure is a better choice if space is extremely tight, but the ported enclosure will produce 3 dB more output at the same power if you have the extra space to work with.

### T&S Parameters

	1.10SD4	1.10SD2
Free air resonance (Fs):	34.2 Hz	34.6 Hz
Electrical "Q" (Qes):	0.89	0.72
Mechanical "Q" (Qms):	5.42	4.58
Total speaker "Q" (Qts):	0.76	0.62
Equivalent Compliance (Vas):	27.6 L	26.8 L
Effective piston area (Sd):	338.1 mm <sup>2</sup>	338.1 mm <sup>2</sup>
Mechanical resistance (Kg/s):	5.0	6.1
DC resistance* (Re, Ohm):	1.8	1.0
Suspension compliance (Cms):	0.17 mm/N	0.17 mm/N
Moving mass (Mms):	124.1 gr	127.5 gr
Voice coil inductance (@1KHz):	0.5 mH	0.3 mH



All measurements in millimeters