



DS18 EXL-SQ65CX 6.5 Inch 2 Way Component Car Speaker System Owner's Manual

[Home](#) » [DS18](#) » DS18 EXL-SQ65CX 6.5 Inch 2 Way Component Car Speaker System Owner's Manual 

Contents

- [1 DS18 EXL-SQ65CX 6.5 Inch 2 Way Component Car Speaker System](#)
- [2 GENERAL SPECIFICATIONS](#)
- [3 WOOFER](#)
- [4 CROSSOVER](#)
- [5 TWEETER](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)
- [7 Related Posts](#)



DS18 EXL-SQ65CX 6.5 Inch 2 Way Component Car Speaker System



GENERAL SPECIFICATIONS

Nominal Diameter 6.5"
Nominal Impedance 4 Ohm
RMS Power Handling 150W
MAX Power Handling..... 500W
Sensitivity (1w/1m)..... 87 dB
Frequency Response..... 31.5Hz-20KHz
Recommended High Pass Crossover..... 40Hz
Number of Ways.....2-Way
Pair or Single..... Pair
Grill Included.....Yes

WOOFER SPECIFICATIONS

Voice Coil Diameter 1" / 25.4mm
VC Former Material Aluminum
Winding MaterialSV
Cone Material Fiber Weave Paper
Bullet Material..... Aluminum
Surround Material..... Butyl Rubber
Basket MaterialSteel
Basket Color and Finish..... Sandblast Black
Magnet MaterialFerrite
Magnet Weight..... 11.2 oz

THIELE & SMALL PARAMETERS

Equivalent Volume..... Vas..... 8.62L / 0.304ft3
Excursion (one way)..... Xmax.....9 mm
Free Air Resonance.....Fs62 Hz
Mechanical Factor.....Qms3.72
Electrical FactorQes0.76
Total Factor.....Qts.....0.63

WOOFER MEASUREMENTS

Overall Diameter 6.5" / 165.5mm
Overall Depth..... 2.63" / 67mm
Front Mount Baffle Cutout 5.62" / 143mm
Mounting Depth 2.44" / 62mm
Motor Diameter 3.14" / 80mm

TWEETER SPECIFICATIONS

Voice Coil Diameter 1" / 25.4mm
VC Former Material Aluminum
Winding Material..... SV
Diaphragm Material.....Silk
Magnet Material Neodymium
Magnet Weight..... 0.33 oz

TWEETER MEASUREMENTS

Overall Diameter (without Adapter)..... 1.69" / 43mm
 Overall Depth (without Adapter)..... 0.74" / 19mm
 Front Mount Baffle Cutout..... 1.92" / 49mm
 Mounting Depth 0.7" / 18mm

CROSSOVER SPECIFICATIONS

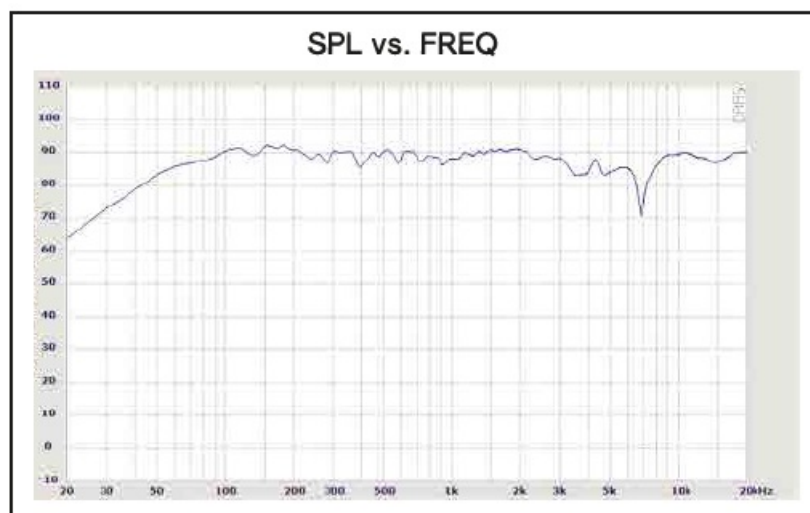
Passive Crossover Ways.....2. -Ways (High and Low Frequency)
 / 2 Vias (Alta y Baja Frecuencia)
 Frequency Crossover Point3KHz (@ 4 ohms)
 Power Handling.....Up to 300 Wrms / Hasta 300 Wrms
 Cut-Off SlopeWf: 6dB / Tw:12dB/oct
 Tweeter Attenuation..... 0 / -3 / -6 dB

CROSSOVER FEATURES

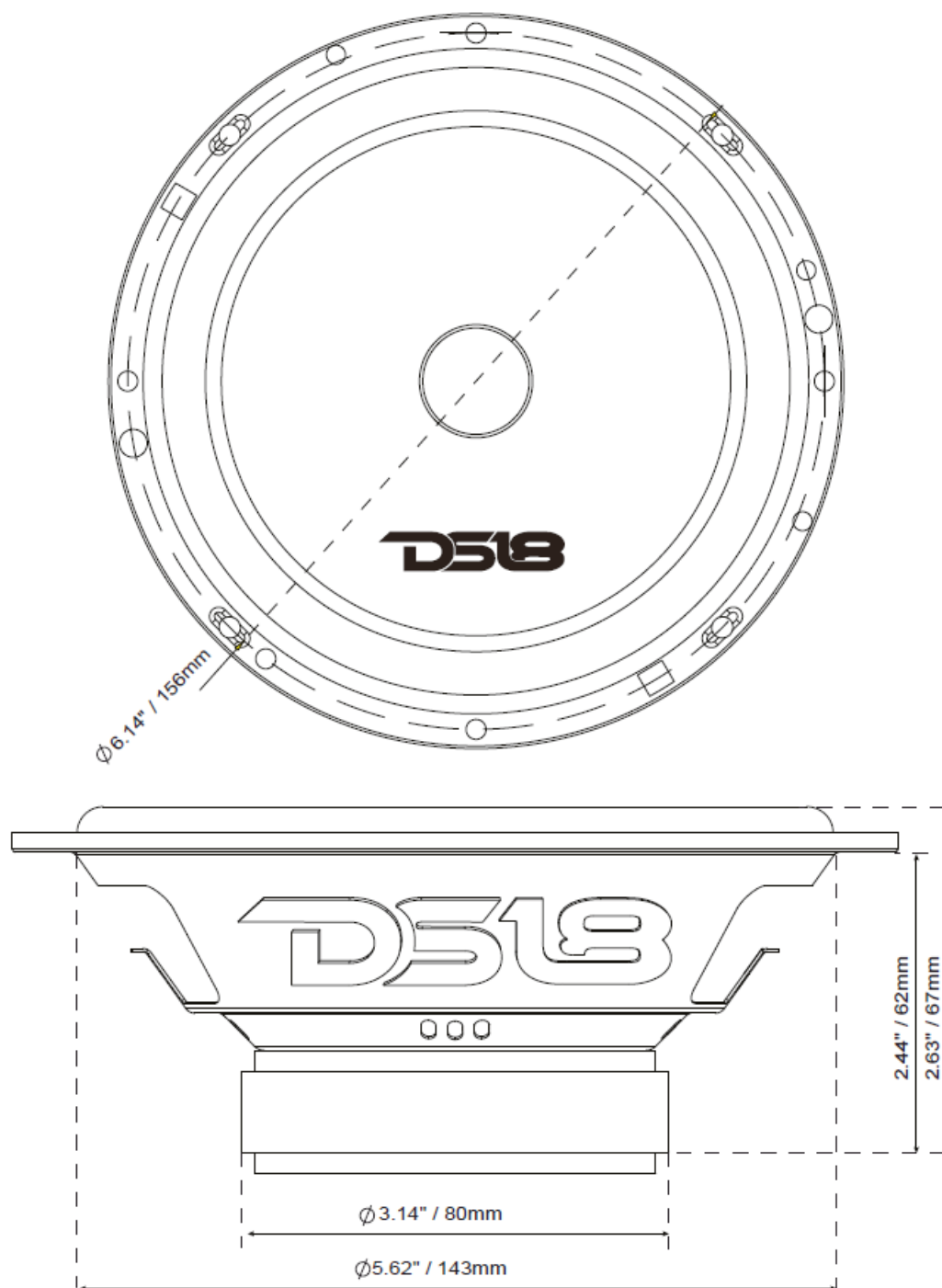
Capacitor Type.....Mylar
 Coil TypeW...f.: Iron / Tw: Free Air /W f: Metal / Tw: Aire Libre
 Terminal Type.....Screw Type / Tipo Tornillo
 Housing Materia.....T. op: PS – Bottom: ABS / Tope: PS – Fondo: ABS
 Adjustments /.....T.weeter Attenuation/ Atenuacion del Tweeter
 Extra FeaturesPTC Tweeter Protection

CROSSOVER MEASUREMENTS

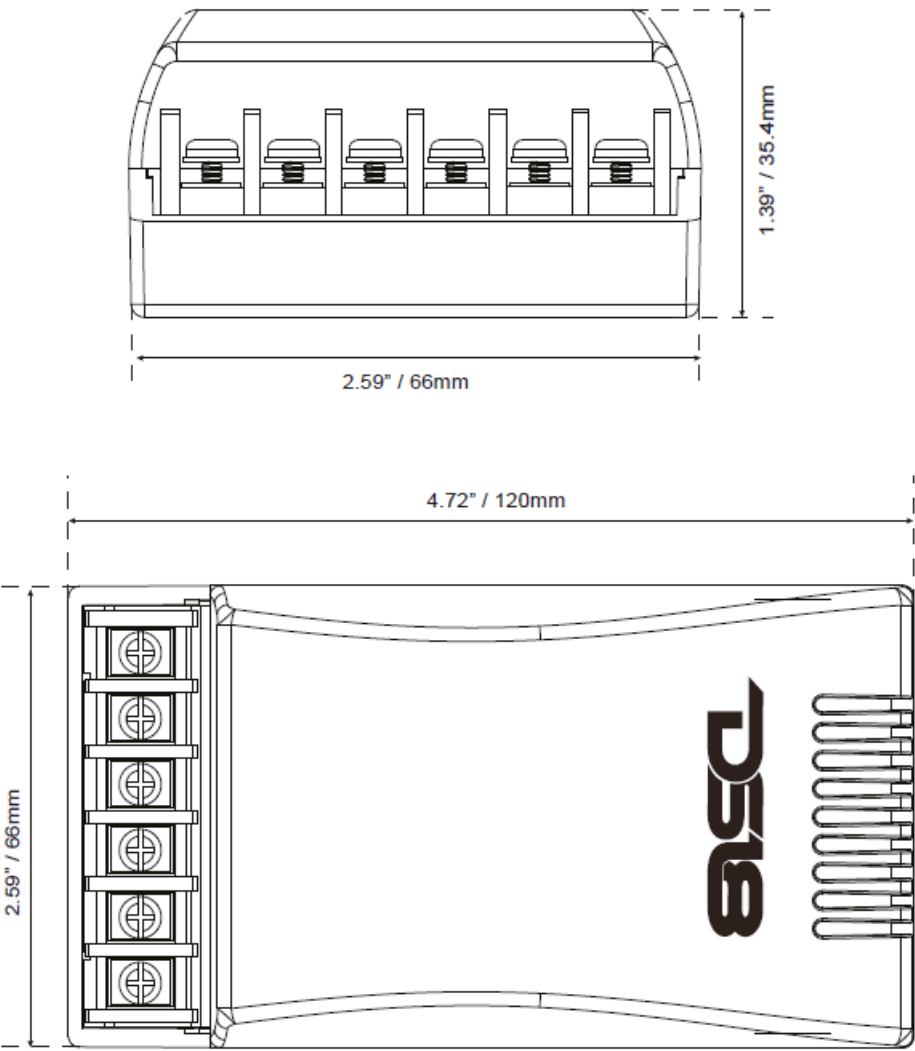
Overall Lenght 2.59" / 66mm
 Overall Depth4.72" / 120mm
 Overall Height 1.39" / 35.4mm



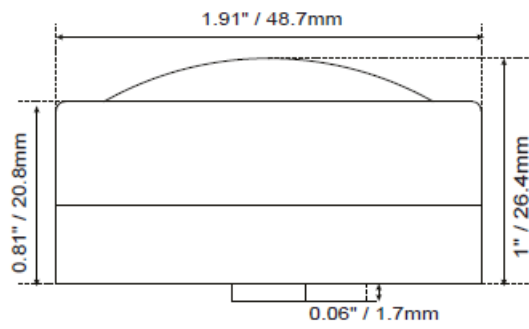
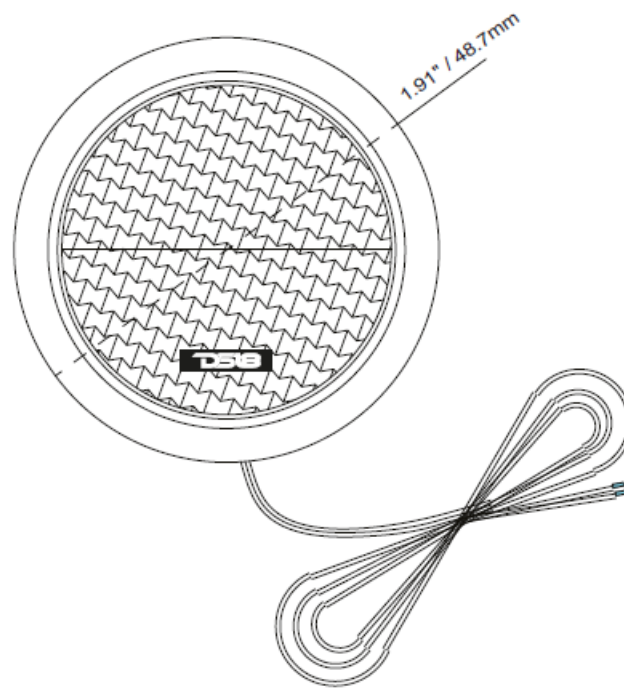
WOOFER

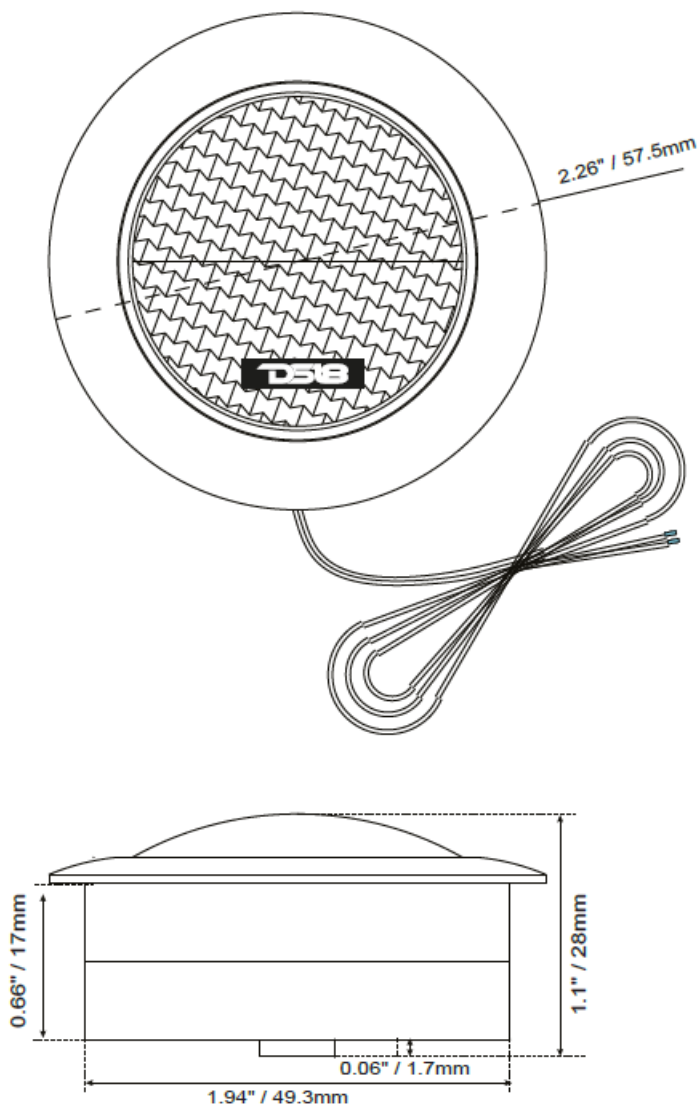


CROSSOVER



TWEEETER





FOR MORE INFORMATION
PLEASE VISIT <http://DS18.COM>

Documents / Resources



[DS18 EXL-SQ65CX 6.5 Inch 2 Way Component Car Speaker System](#) [pdf] Owner's Manual EXL-SQ65CX, 6.5 Inch 2 Way Component Car Speaker System, EXL-SQ65CX 6.5 Inch 2 Way Component Car Speaker System, 2 Way Component Car Speaker System, Component Car Speaker System, Car Speaker System, Speaker System

References

- [Official DS18 Pro Audio Store - Speakers, Subwoofers, Amps & More!](#)