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High Quality SP12C/SP15C Subwoofer Speaker



High Quality SP12C/SP15C Subwoofer Speaker

## Owner's Manual

### Applications:

SP12C/SP15C Subwoofer series is a professional Big power handling and high efficiency line for car audio competition

### SP12C

### SP15C

### Features

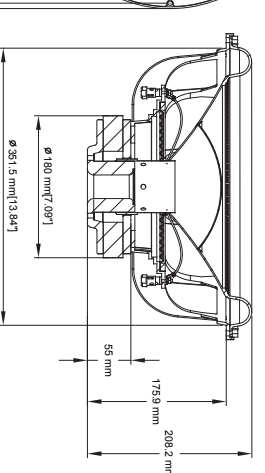
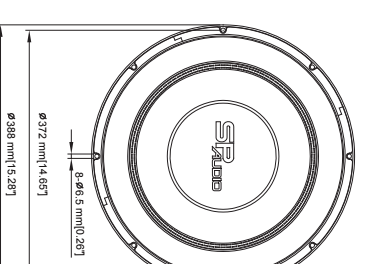
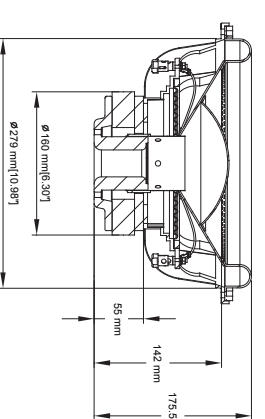
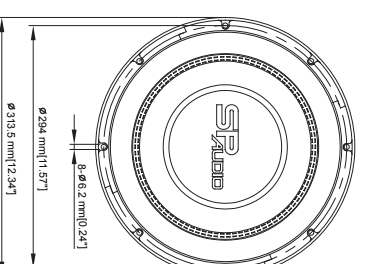
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|---|--|
| <ul style="list-style-type: none"> <li>■ 87.5 dB SPL 1W/1M</li> <li>■ 2.4" AL Wire (180°C)</li> <li>■ 400 W RMS Power</li> <li>■ PC+Nomex Spider 4 Layer</li> <li>■ 2+2 Ohms Impedance</li> <li>■ 67 Oz Y30 Ferrite Magnet</li> </ul> | <ul style="list-style-type: none"> <li>■ 89 dB SPL 1W/1M</li> <li>■ 2.5" AL Wire(180°C)</li> <li>■ 500 W RMS Power</li> <li>■ PC+Nomex Spider 4 Layer</li> <li>■ 2+2 Ohms Impedance</li> <li>■ 85 Oz Y30 Ferrite Magnet</li> </ul> |
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### General Specification

SP12C	SP15C
Nominal Diameter 300 mm (12inch)	380 mm (15inch)
Rated Impedance 4 Ohm	4 Ohm
Minimum Impedance 2+2 Ohm	2+2 Ohm
Rated Power (RMS) 400 W	500 W
Peak Power 800 W	1000 W
Sensitivity 87.5 dB	89 dB
Frequency Range(-10dB) 25-300 Hz	25-300 Hz
VC Diameter (mm/in) 60.5 mm/2.4"	65.5 mm/2.5"
Winding Material 180°C Aluminum Wire	Large "R" Form
Suspension Cone	Compress Paper + Fiberglass + Black Painting

### Mounting Information



### Parameters:

Qts:	0.646	Qms:	5.352
Vas:	40.29 L	Qes:	0.735
Fs:	40.64 Hz	SPL:	87.5 dB
Re:	2+2 Ohm	Pe:	400 W
Mms:	164.044 g	BL:	15.10 TM
Xmax:	10 mm	Dd:	26.49 cm
Cms:	93.51 um/N	Sd:	551.2 cm <sup>2</sup>

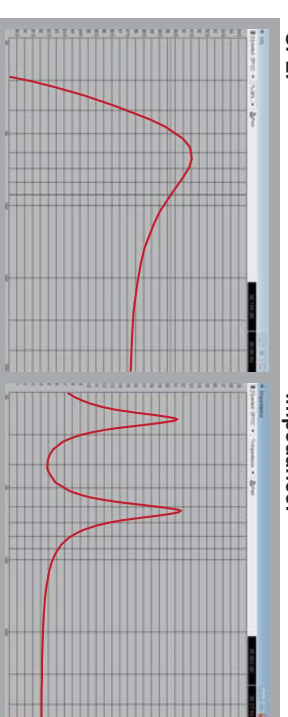
Qts:	0.498	Qms:	5.025
Vas:	117.79 L	Qes:	0.553
Fs:	28.54 Hz	SPL:	89 dB
Re:	2+2 Ohm	Pe:	500 W
Mms:	242.198 g	BL:	17.73 TM
Xmax:	12 mm	Dd:	32 cm
Cms:	128.37 um/N	Sd:	804.3 cm <sup>2</sup>

### Vent BOX

Volume: 50 L  
Tuning Freq: 40 Hz  
Vent Diameter: ø82 mm  
Shape: Circle  
Bnd Correction: Two Flanged End  
Vent Length: 13.75 cm  
Cross Area: 52.8 cm<sup>2</sup>



SPL:  
Impedance:



### Vent BOX

Volume: 110 L  
Tuning Freq: 30 Hz  
Vent Diameter: ø102 mm  
Shape: Circle  
Bnd Correction: Two Flanged End  
Vent Length: 17.23 cm  
Cross Area: 81.7 cm<sup>2</sup>



SPL:  
Impedance:

