

# ENCOUNTER

## SUBWOOFERS

**EN-SW100, EN-SW120, EN-SW150**

### Subwoofer Parameters

	EN-SW100	EN-SW120	EN-SW150
<b>Max Power Rating</b>	300 Watts	400 Watts	500 Watts
<b>RMS Power Rating</b>	150 Watts	200 Watts	250 Watts
<b>Frequency Response</b>	24Hz - 3.5kHz	21Hz - 3kHz	20Hz - 2.5kHz
<b>Impedance</b>	4 Ohms	4 Ohms	4 Ohms
<b>Sensitivity</b>	88 dB	89 dB	90 dB
<b>Mounting Depth</b>	120mm (4-3/4")	136mm (5-3/8")	153mm (6")
<b>Mounting Diameter</b>	226mm (8 - 7/8")	275mm (10-13/16")	349mm (13 - 3/4")

### Installation Guidelines

Ensure the audio system is turned off before making any connections to the amplifier, subwoofer or source unit. Failure to do so could result in permanent damage to the audio system.

When wiring the subwoofer ensure that the wire is protected from sharp objects and always use rubber grommets when wiring through metal panels. Ensure all terminals and connections are protected from the vehicle chassis and from each other as failure to do so could result in permanent damage to the audio system.

When connecting the amplifier and subwoofer ensure you connect the positive and negative output wire from the amplifier to the corresponding subwoofer terminals.

- 1) Ensure there is adequate clearance and depth for the subwoofer to be mounted
- 2) Use the supplied ruler to mark out and cut the correct diameter hole
- 3) Drill the holes for the mounting screws
- 4) Insert the subwoofer and affix with the appropriate screws (not included)

### Optimum Enclosures

Ported	EN-SW100	EN-SW120	EN-SW150
<b>Volume (litres)</b>	28.5	48.28	91.28
<b>Volume (cu.ft.)</b>	1.008	1.705	3.223
<b>Port diameter</b>	76.2mm / 3"	76.2mm / 3"	101.6mm / 4"
<b>Port length</b>	255mm / 10"	225.3mm / 8 - 9/10"	242.5mm / 9 - 1/2"
<b>Tuned frequency (Hz)</b>	41.6	33.0	34.2
Sealed			
<b>Volume (litres)</b>	15.71	28.58	85.53
<b>Volume (cu.ft.)</b>	0.56	1.009	3.02
<b>Tuned frequency (Hz)</b>	69.9	53.9	44.4

For further product and installation information please visit [www.fusionelectronics.com](http://www.fusionelectronics.com)

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MODEL NUMBER \_\_\_\_\_ DATE OF PURCHASE \_\_\_\_\_

AFFIX RECEIPT HERE

**WARNING!** Audio Systems can produce sound levels over 135dB. Continuous exposure to sound pressure levels over 100dB may cause permanent hearing loss! Please watch for emergency vehicles as warning signals may not be heard. **USE COMMON SENSE!**

V 5.0

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