



## T/S PARAMETERS

	EN-SW101	EN-SW121
Fs (Hz)	36.60	34.40
Qms	9.23	9.23
Vas (liters)	33.72	60.66
Vas (Cu ft)	1.19	2.12
Mms (gms)	101.00	140.91
Mms (oz)	3.56	4.97
Rms (kg/s)	2.51	3.12
Rms (lb/s)	5.53	6.89
Cms (um/N)	188.00	152.00
Xmax (mm)	6.00	6.00
Xmax (inches)	0.24	0.24
Xmech (mm)	9.00	9.00
Xmech (inches)	0.35	0.35
Dv (mm)	212.70	259.80
Dv (inches)	8.37	10.23
Sd (sq cm)	356.33	530.93
Sd (sq inches)	55.23	82.29
Vd (liters)	0.21	0.32
Vd (cu.ft.)	0.0075	0.0112
Qes	0.89	1.22
Re (Ohms)	3.63	3.71
Le (mH)	1.37	1.50
BL	9.73	9.63
Qts	0.81	1.08
no (%)	0.18	0.20

**FUSION**<sup>®</sup>



**SUBWOOFER  
MANUAL**



## ENCOUNTER SUBWOOFER MANUAL

### SUBWOOFER PARAMETERS

	EN-SW101	EN-SW121
Peak Power (Watts)	800	1000
Rated Power (Watts)	200	250
Frequency Response	28Hz - 2kHz	26Hz - 1.5kHz
Impedance	4 Ohm	4 Ohm
Sensitivity	88dB	90dB
Cone Material	Pressed Paper	Pressed Paper
Voice Coil Type	Round Wound Copper	Round Wound Copper
Mounting Depth	126mm [4-15/16"]	138mm [5-7/16"]
Mounting Diameter	230mm [9-1/16"]	279mm [11"]

### OPTIMUM ENCLOSURES

EN-SW101	Ported	Sealed
Volume	40.0L [1.53 cu.ft.]	15.0L [0.53 cu.ft.]
Fb [Hz] Tuned frequency	33.5	49.1
Port Diameter	76.2mm [3"]	-
Port Length	114mm [4-1/2"]	-
EN-SW121	Ported	Sealed
Volume	60L [2.12 cuft]	28L [0.989cuft]
Fb [Hz] Tuned frequency	33.3	49.2
Port Diameter	76.2mm [3"]	-
Port Length	42mm [1.62"]	-

### CONTENTS OF THE BOX:

1 X SUBWOOFER  
8 X MOUNTING SCREWS  
1 X MOUNTING GASKET  
1 X MOUNTING TEMPLATE  
1 X WARRANTY  
1 X USER MANUAL

### INSTALLATION GUIDELINES

Ensure the audio system is turned off before making any connections to the amplifier, speakers 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) Mark out & cut the correct diameter hole
- 3) Drill the holes for the mounting screws
- 4) Insert the subwoofer and affix with the appropriate screws

### REGISTER YOUR PRODUCT ONLINE:

For your own peace of mind, register your product purchase online at [www.fusionelectronics.com](http://www.fusionelectronics.com)

We'll keep you up to date with any news related to your product, and any new accessories to help you get the most from your product.

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**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!



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