



EUPHORIA™

EUPHORIA : Subwoofers
EW7 10F / EW7 12F

USER MANUAL

Installation Instructions | Owners Manual

Due to continuous improvement of the product, specifications are subject to change without notice.

Introduction

Congratulations on your purchase of a DB Drive state-of-the-art subwoofer. Your selection of a DB Drive car audio product indicates a true appreciation of fine musical reproduction. Whether adding to an existing system or including your DB Drive subwoofer in a new system, you are certain to notice immediate performance benefits.

Keep Your Sales Receipt

Take this time to attach your sales receipt to the manual and put in a safe place. In case of any unforeseen reason this product may need warranty service, your receipt will be necessary to establish purchase date.

Recommendation

A power subwoofer's performance is only as good as its installation. Proper installation will maximize the system's overall performance. It is recommended that you have our product installed by an authorized DB Drive retailer. However, if you decide to install it yourself, please carefully read through this manual and take your time to do a quality installation.

IMPORTANT!

Before making any connections, disconnect the car's battery until the installation is completed to avoid possible damage to the electrical system.

WARNING!

Exposure to high power sound system can cause hearing loss or damage. Listening to your system at loud levels while driving will impair your ability to hear traffic sounds and emergency vehicles. Use common sense when listening to your system.

Serial # _____ Model # _____

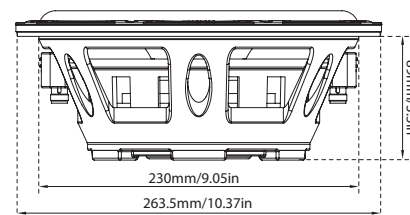
PRODUCT SPECIFICATIONS

TS Specs

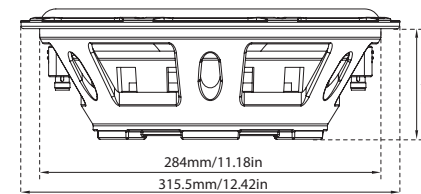
		EW7 10F	EW7 12F
Sensitivity 1W/1m)	SPL	82.9 dB	85.8 dB
DC Resistant	Re	6.410 Ω	7.240 Ω
Free Air Resonance	Fo	27.409 Hz	23.171 Hz
Equivalent Stiffness	Vas	46.185mM	116.847mM
Mechanical Q	Qms	7.757	5.802
Electrical Q	Qes	0.857	0.584
Total Q	Qts	0.739	0.531
Moving Mass	Mms	124.362 g	174.423 g
Motor Force	BL	13.464 TM	17.739 TM
Cone Surface Area	Sd	34.636 mM	55.155mM

MECHANICAL MEASUREMENTS

EW7 10F



EW7 12F



CALCULATING ENCLOSURES

It is difficult to give exact box dimensions that are universal for all cars and trucks. It is for this reason that you must be able to calculate the space in which you have available in order to achieve the proper air volume required.

It is recommended to build your enclosure from 3/4" thick MDF (medium density fiberboard). Make sure the enclosure is sealed airtight.

Calculating External Volume

To calculate box volume, measure the outside Width x Height x Depth of the enclosure. *Example 12" x 14" x 9" = 1512 ÷ 1728" Cubic feet*

Next you must convert cubic inches into cubic feet. To do this, you must divide the cubic inches total by 1728". *Example 1512 ÷ 1728 = .875 Cubic feet*

Calculating Internal Volume

To calculate the internal (net) volume of the above box you must first multiply the thickness of the wood you are using by Two(2). *Example 3/4" x 2 = 1.5"*

Next subtract 1.5 from each of the outside measurements of the box.

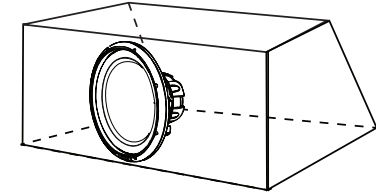
Width	Height	Depth
12 - 1.5 = 10.5	14 - 1.5 = 12.5	9 - 1.5 = 7.5

Multiply the new totals (H x W x D) *Example: 10.5 x 12.5 x 7.5 = .5696*

Next you must convert cubic inches into cubic feet. To do this, you must divide the cubic inch total by 1728". *Example 984.375 ÷ 1728 = .5696 cubic feet*

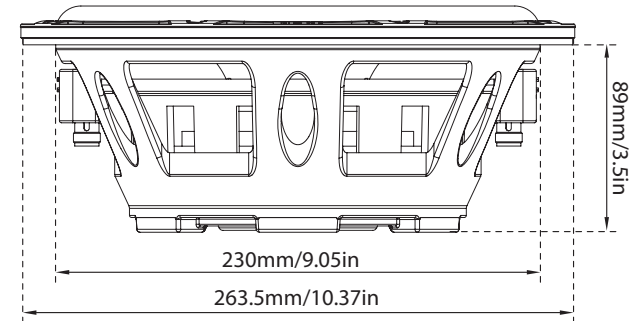
RECOMMENDED ENCLOSURES

Sealed Enclosure:



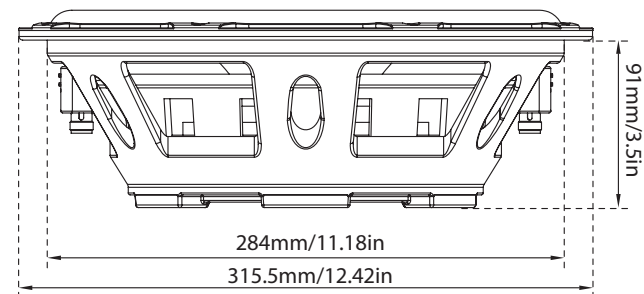
EW7 10F

Sealed Box Range: Box Volume .45cu ft.

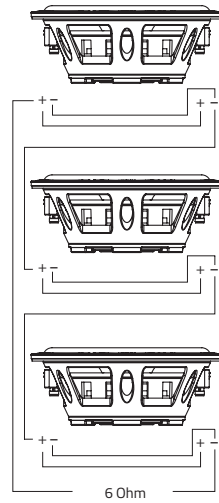
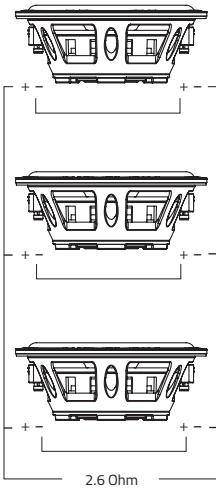
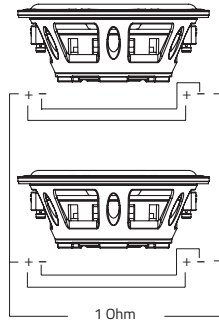
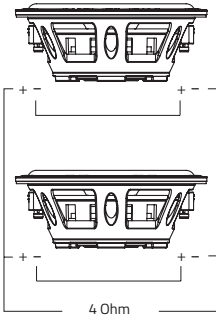
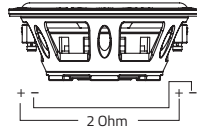
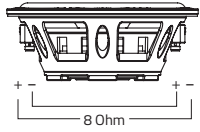


EW7 12F

Sealed Box Range: Box Volume .55cu ft.



WIRING DIAGRAMS



NOTES

LIMITED WARRANTY

DB Drive warrants any Euphoria products purchased in the U.S.A. from an authorized DB Drive Euphoria dealer. All products are warranted to be free from defects in material and workmanship under normal use and service for a period of one (1) year when purchased over the counter. This warranty applies to the original purchase only.

DB Drive will either repair or replace (as its option) any unit that had been found to be defective and under warranty provided the defect occurs within the one (1) year warranty period.

DB Drive Euphoria products installed by an authorized DB Drive Euphoria dealer will receive (2) years of warranty.

Either limited warranty periods do not extend to units having been subjected to misuse, abuse, neglect, or accident. In DB Drive's judgment, products that show evidence of having been altered, modified, or serviced without DB Drive's authorization, will be ineligible under this warranty.

To obtain warranty services please contact your retailer or visit our website at www.dbdrive.net for more details.



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