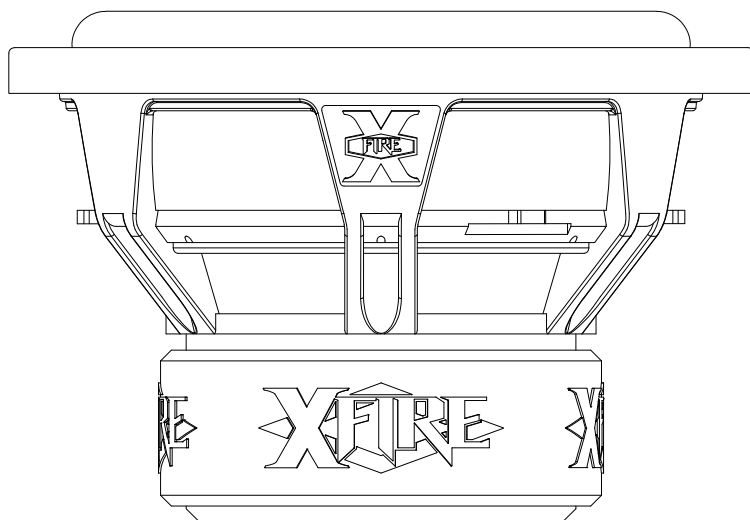


# XFIRE

AUDIO



XFR101/XFR102  
Subwoofers  
Owners Manual

[XFIREAUDIO.COM](http://XFIREAUDIO.COM)

## Introduction

Congratulations on purchasing one of the finest autosound subwoofers in existence.

Born in the U.S.A from rigorous pursuits of exceptional sound, strength, performance, and style delivering kick ass mobile audio! Relentless pride and passion with 30 plus years of experience and excellence in the 12 volt industry.

It's Your Music, It's Your Style, It's Your Life, AMPLIFIED!

**Purchase and serial number information.** Record your new **XFIRE AUDIO** product information for future reference.

Purchase date	
Retailer	
Model #	
Serial #	

Welcome to **XFIRE AUDIO** "The New Breed Of Mobile Audio".

## Features

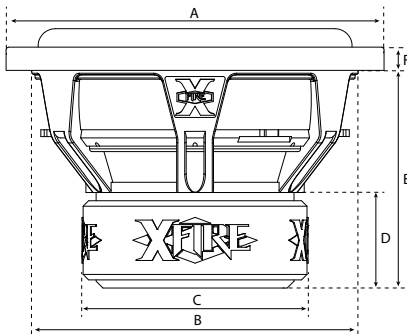
XFR Series Subwoofers were born to be kick-ass high end audio subwoofers for those who work hard and play hard demanding the utmost in power and performance.

- Die cast "Dura-Frame" black powder basket with "Direct Coil Cooling"
- 120ounce double stacked ferrite magnet assembly
- Machined T-Yokes with blacked out back plate
- 2.5" 4-layer copper voice coils
- Ultra lightweight black carbon fiber cone with "Precision Linear Drive" dual stitched resin fiber surround
- "Dual-Core" Conex Spider assembly utilizing industrial woven dual tinsel leads
- XFIRE "Secure Seal" gasket

XFR Series Subwoofers; work hard, play hard.

## Dimensions

	<b>XF101/102</b>
<b>Diameter A</b>	10.9" - 277mm
<b>Diameter B</b>	9.4" - 239mm
<b>Diameter C</b>	6.4" - 163mm
<b>Height D</b>	2.8" - 70mm
<b>Height E</b>	6.3" - 160mm
<b>Height F</b>	0.7" - 17mm



## Specifications

	<b>XFR101</b>	<b>XFR102</b>
<b>RMS Power</b>	750W	750W
<b>Max Power</b>	2250W	2250W
<b>Impedance</b>	Dual 1Ω	Dual 2Ω
<b>Response</b>	30-150Hz	30-150Hz
<b>Sensitivity</b>	85.1dB	84.0dB
<b>Fs</b>	37.7Hz	39.3Hz
<b>Qms</b>	5.14	5.10
<b>Qes</b>	0.33	0.42
<b>Qts</b>	0.31	0.39
<b>Vas</b>	0.45ft <sup>3</sup> - 12.8L	0.20ft <sup>3</sup> - 11.5L
<b>Re</b>	2.0Ω	4.0Ω
<b>BL</b>	17.6N/A	22.4N/A
<b>Le</b>	1.70mH	2.60mH
<b>Sd</b>	51.2sq" - 330cm <sup>2</sup>	51.2sq" - 330cm <sup>2</sup>
<b>x-max, 1-way</b>	0.82" - 21mm	0.82" - 21mm

All specifications are subject to change without notification due to continual product improvements.

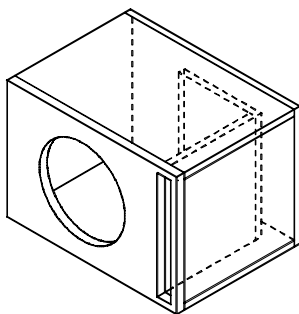
## Enclosure

XFR series subwoofers are designed for high output systems and have suspensions optimized for extreme excursion in ported enclosures.

In this manual there are two, single subwoofer vented enclosure designs. One is a minimum recommended enclosure option while the other is for optimal design for the best possible sound.

In addition there is an optimum dual XFR series subwoofer vented enclosure design.

All dimensions given are internal dimensions, XFIRE AUDIO advises to use minimum 0.75" (18mm) thick panels for all the sides and 1.5" (36mm) thick front panel.



## Vented subwoofer enclosures

	Gross volume	Net volume	Slot port	Port length
<b>1x XFR101/102 Minimum</b>	1.30 ft <sup>3</sup> - 37 L	1.00 ft <sup>3</sup> - 28 L	16 sq" - 105 cm <sup>2</sup>	20" - 51 cm
<b>1x XFR101/102 Optimum</b>	1.95 ft <sup>3</sup> - 55 L	1.50 ft <sup>3</sup> - 42.5 L	24 sq" - 155 cm <sup>2</sup>	20" - 51 cm
<b>2x XFR101/102 Optimum</b>	3.90 ft <sup>3</sup> - 110.5 L	3.00 ft <sup>3</sup> - 85 L	48 sq" - 310 cm <sup>2</sup>	20" - 51 cm

### XFIRE AUDIO limited warranty.

U.S.A. warranty: 90 days. (1 year if installed by an authorized dealer.)

What is covered: This warranty applies only to XFIRE AUDIO products sold to consumers by authorized dealers in the U.S.A. Products purchased by consumers from an authorized dealer in another country are covered only by that country's distributor.

Who is covered: The original purchaser of XFIRE AUDIO product bought from an authorized dealer in the U.S.A. To receive warranty, the original purchaser must provide a copy of the receipt with customer name, dealer, XFIRE model purchased with the date of purchase. Please retain all receipts for warranty purposes should they be needed. Warranty is not transferable.

Products found to be defective during the warranty period will be replaced (with a product deemed equivalent) at the discretion of XFIRE AUDIO.

What is NOT covered:

- Abuse (including burnt voice coils) improper installation, operating product other than which it was designed, water damage, theft, product damage from vehicle accidents, or shipping damages.
- Any costs incurred for removal or reinstallation.
- Any product with altered, defaced or removed serial numbers.
- Damage to other components.
- Products purchased from unauthorized dealers, retailers or internet sites.

Buyers beware of the Internet. ANY XFIRE AUDIO product bought online that is NOT from an AUTHORIZED dealer will void any and all warranty. Limit on implied warranties: Any implied warranties including warranties of fitness for use and merchantability are limited in duration to the period of the express warranty set forth above. Some states do not allow limitations on the length of an implied warranty, thus limitations may not apply. No person shall assume for XFIRE AUDIO any other liability in connection with the sale of products.

Obtaining warranty: Contact your local authorized dealer.

Should you need additional assistance please email XFIRE AUDIO : [salesusa@xfireaudio.com](mailto:salesusa@xfireaudio.com)