



Rockford Fosgate®

M110S4

Installation & Operation

Installation et fonctionnement
Instalación y funcionamiento
Einbau und Betrieb
Installazione e funzionamento

Marine Series

10 Inch Infinite Baffle Woofer

10" MARINE SUBWOOFER

CAUTION: Before installation, disconnect the battery negative (-) terminal to prevent damage to the unit, fire and/or possible injury.

MISE EN GARDE : avant d'entamer l'installation, déconnectez la broche négative (-) de la batterie pour éviter tout risque de blessures, d'incendie ou de dommages à l'appareil.

PRECAUCIÓN: Antes de la instalación, desconecte el terminal negativo de la batería (-) para prevenir daño a la unidad, incendio y/o posibles lesiones.

VORSICHT: Entfernen Sie vor dem Einbau den negative Batteriepol, um Schäden am Gerät, Feuer bzw. mögliche Verletzungen zu vermeiden.

ATTENZIONE: Prima dell'installazione, scollegate il terminale negativo (-) della batteria per evitare danni all'unità, pericoli d'incendio e/o potenziali lesioni personali.

NOTE: For marine applications, ensure all connections, splices and such, are sealed and watertight to prevent corrosion and shorting.

REMARQUE : Pour des applications marines, assurez tous les raccordements, épissures et tels, sont scellés et imperméables à l'eau pour empêcher la corrosion et court-circuiter.

NOTA: Para los usos marinas, asegure todas las conexiones, empalmes y tales, son sellados y herméticos para prevenir la corrosión y poner en cortocircuito.

HINWEIS: Für Marineanwendungen stellen Sie alle Anschlüsse, Spleißstellen sicher und so, sind versiegelt und, um Korrosion und das Kurzschluß zu verhindern wasserdicht.

NOTA: Per le applicazioni marine, accerti tutti i collegamenti, giunture e tali, sono sigillati e stagni per impedire la corrosione ed il cortocircuito.

This woofer was designed specifically for infinite baffle applications. However, it can be used in sealed and vented enclosures.

FRANÇAIS

Ce haut-parleur de graves a été spécialement conçu pour des baffles infinis. Toutefois, il peut être utilisé avec des enceintes étanches et à évent.

ESPAÑOL

Este woofer ha sido diseñado específicamente para ser usado en aplicaciones de pantalla acústica infinita. Sin embargo, se lo puede usar en gabinetes sellados y ventilados

DEUTSCH

Dieser Tieftöner ist speziell für unendliche Baffle-Anwendungen konzipiert. Er kann jedoch auch in geschlossenen und ventilierten Gehäusen verwendet werden.

ITALIANO

Questo woofer è stato progettato in particolare per numerose applicazioni con baffle infinito. Può però essere usato in box chiusi o aperti.

CALCULATING VOLUMES

Calculating volume is merely a matter of measuring the internal dimensions in inches and using the formula:

$$\text{Box Volume} = \frac{\text{Height " x Width" x Depth"}{\text{(cubic feet) 1728}}$$

FRANÇAIS

On calcule le volume en mesurant la dimension de chaque côté et en utilisant la formule suivante:

$$\text{Volume du caisson} = \frac{\text{Hauteur (cm) x Longueur (cm) x Largeur (cm)}{\text{(Litres) 1000}}$$

ESPAÑOL

Para calcular el volumen sólo se han de medir las dimensiones en centímetros y aplicar la fórmula:

$$\text{Volumen du la caja} = \frac{\text{Alto(cm) x Ancho(cm) x Profundidad(cm)}{\text{(en litros) 1000}}$$

DEUTSCH

Zur Volumen-Berechnung benötigen sie die genauen Maße und Dimensionen in Zentimetern.

$$\text{Gehäuse-Volumen} = \frac{\text{Höhe (cm) x Breite (cm) x Tiefe (cm)}{\text{(Liter) 1000}}$$

ITALIANO

Calcolare il volume é essenzialmente solo un problema di misurazione delle dimensioni in centimetri della cassa e di applicazione della formula:

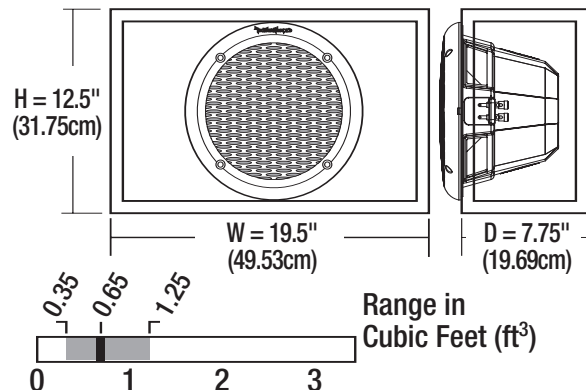
$$\text{Volume della cassa} = \frac{\text{Alteza(cm) x Larghezza(cm)x Profondità(cm)}{\text{(litri) 1000}}$$

NOTE: When using enclosures other than specified, call Technical Support for correct application.

SEALED ENCLOSURES

M110S4

Recommended Sealed .65ft³ (18.41L)



Range in
Cubic Feet (ft³)

INSTALLATION REFERENCE SHEET

Mounting Hole, Cut-Out
 Trou de montage, découpe
 Agujero de montaje, Recorte
 Ausgeschnittenes Befestigungsloch
 Apertura del foro di montaggio

Nut
 Écrou
 Tuerca
 Nut
 Dado

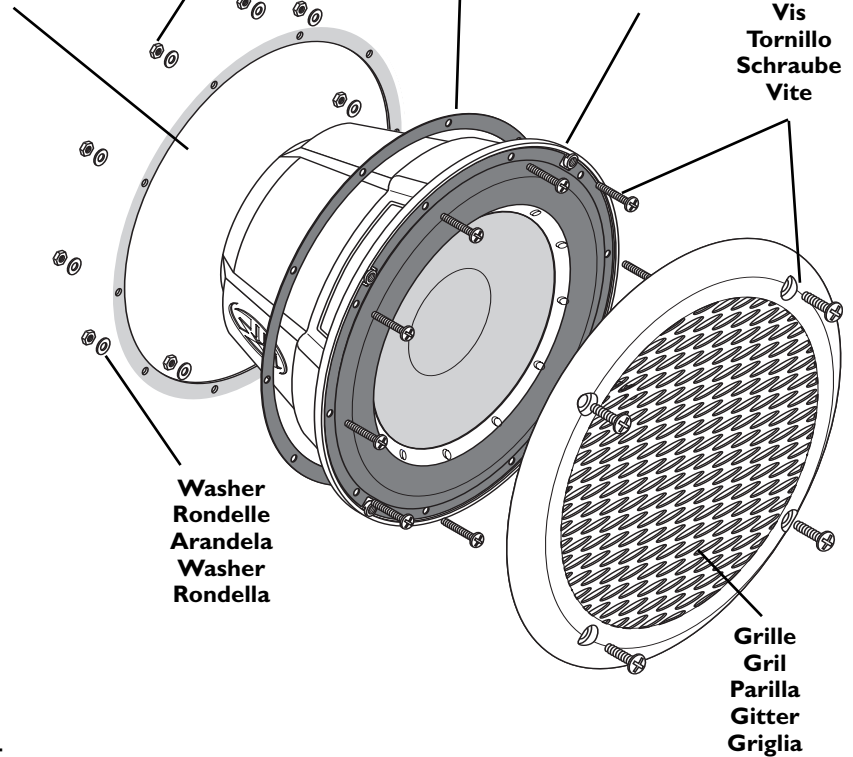
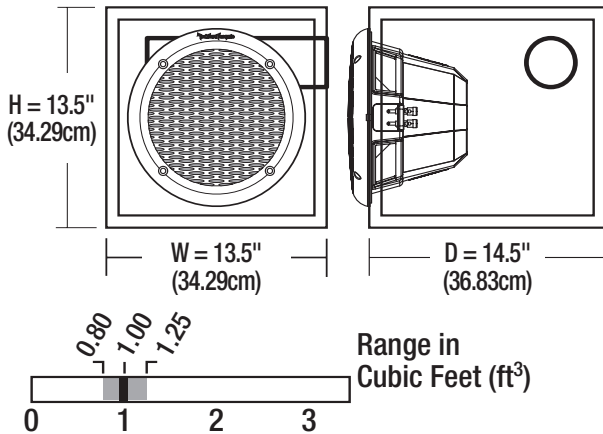
Gasket
 Garniture
 Junta
 Gasket
 Guarnizione

Speaker
 Haut-parleur
 Altavoz
 Lautsprecher
 Altoparlante

Screw
 Vis
 Tornillo
 Schraube
 Vite

VENTED ENCLOSURES

M110S4
 Recommended Vented 1.0ft³ (28.31L)
 Recommended Port 3"x 11"



FEATURES

- Vacuum Formed Polypropylene Cone
- Proprietary UV Coated Polyamide Basket
- High Excursion Rubber Surround
- Shielded Motor Structure
- Stainless Steel Mounting Hardware

SPECIFICATIONS

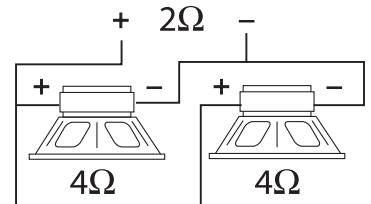
Model - Marine	M110S4
Nominal Impedance (Ohms)	4 Ω
Voice Coil Diameter - inches	2
FS (Hz)	40
QTS	0.45
VAS - cu.ft. (liter)	1.77 (50.1)
Xmax - inches (mm)	0.32 (8)
SPL (dB M/W)	88
Power Handling (RMS/Max)	200 / 400
Mounting Dia. - inches (mm)	9-5/16 (237.2)
Mounting Depth - inches (mm)	5-7/8 (148.5)
Speaker Dis. - cu.ft. (liter)	0.088 (2.5)
Total Sealed Box Vol. - cu.ft. (liter)	0.65 (18.41)
Total Vented Box Vol. - cu.ft. (liter)	1.0 (28.31)
Port Diameter & Length - inches	(1) 3 x 11
Port Diameter & Length - cm	(1) 7.62 x 27.94

Number of ports noted in ()

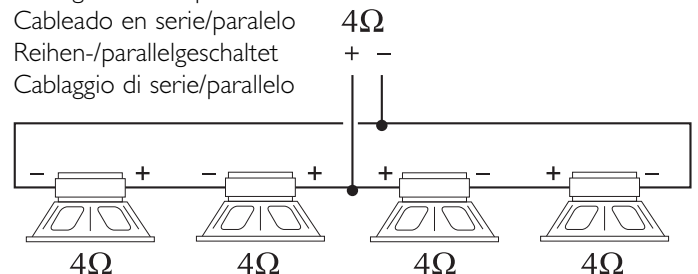
Specifications subject to change without notice

WIRING CONFIGURATIONS

Parallel Wiring
 Câblage en parallèle
 Cableado en paralelo
 Parallelgeschaltet
 Cablaggio di parallelo



Series/Parallel Wiring
 Câblage/en série/parallèle
 Cableado en serie/paralelo
 Reihen-/parallelgeschaltet
 Cablaggio di serie/parallelo



Check our website for updates on your products.

www.RockfordFosgate.com

LIMITED WARRANTY



Rockford Corporation offers a limited warranty on Rockford Fosgate products on the following terms:

Length of Warranty

Source Units, Speakers, Signal Processors and PUNCH Amplifiers – 1 Year

POWER Amplifiers – 2 Years Type RF Amplifiers – 3 Years

Any Factory Refurbished Product – 90 days (receipt required)

What is Covered

This warranty applies only to Rockford Fosgate products sold to consumers by Authorized Rockford Fosgate Dealers in the United States of America or its possessions. Product purchased by consumers from an Authorized Rockford Fosgate Dealer in another country are covered only by that country's Distributor and not by Rockford Corporation.

Who is Covered

This warranty covers only the original purchaser of Rockford product purchased from an Authorized Rockford Fosgate Dealer in the United States. In order to receive service, the purchaser must provide Rockford with a copy of the receipt stating the customer name, dealer name, product purchased and date of purchase.

Products found to be defective during the warranty period will be repaired or replaced (with a product deemed to be equivalent) at Rockford's discretion.

What is Not Covered

1. Damage caused by accident, abuse, improper operations, water, theft, shipping
2. Any cost or expense related to the removal or reinstallation of product
3. Service performed by anyone other than Rockford or an Authorized Rockford Fosgate Service Center
4. Any product which has had the serial number defaced, altered, or removed
5. Subsequent damage to other components
6. Any product purchased outside the U.S.
7. Any product not purchased from an Authorized Rockford Fosgate Dealer

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, so this limitation may not apply. No person is authorized to assume for Rockford Fosgate any other liability in connection with the sale of the product.

How to Obtain Service

Contact the Authorized Rockford Fosgate Dealer you purchased this product from.

If you need further assistance, call **1-800-669-9899** for Rockford Customer Service.

You must obtain an RA# (Return Authorization number) to return any product to Rockford Fosgate.

You are responsible for shipment of product to Rockford.

EU Warranty

This product meets the current EU warranty requirements, see your Authorized dealer for details.