

— Installation assistance available at: —

# RFTECH

[www.rockfordfosgate.com/rftech](http://www.rockfordfosgate.com/rftech)



**ELEMENT READY™ SPEAKERS**

# *M1*

**M1-6**

**M1-6B**

**M1-65**

**M1-65B**

**M1-8**

**M1-8B**



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[rockfordfosgate.com](http://rockfordfosgate.com)

Installation & Operation

# Introduction

Dear Customer,

Congratulations on your purchase of the world's finest brand of audio products. At Rockford Fosgate we are fanatics about musical reproduction at its best, and we are pleased you chose our product. Through years of engineering expertise, hand craftsmanship and critical testing procedures, we have created a wide range of products that reproduce music with all the clarity and richness you deserve.

For maximum performance we recommend you have your new Rockford Fosgate product installed by an Authorized Rockford Fosgate Dealer. Please read your warranty and retain your receipt and original carton for possible future use.

Great product and competent installations are only a piece of the puzzle when it comes to your system. Make sure that your installer is using 100% authentic installation accessories from Rockford Fosgate in your installation. Rockford Fosgate has everything from RCA cables and speaker wire to power wire and battery connectors. Insist on it! After all, your new system deserves nothing but the best.

To add the finishing touch to your new Rockford Fosgate image, order your Rockford accessories, which include everything from T-shirts to hats.

Visit our web site for the latest information on all Rockford products; [www.rockfordfosgate.com](http://www.rockfordfosgate.com) or, in the U.S. call 1-800-669-9899 or FAX 1-800-398-3985. For all other countries, call +001-480-967-3565 or FAX +001-480-966-3983.

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If, after reading your manual, you still have questions regarding this product, we recommend that you see your Rockford Fosgate dealer. If you need further assistance, you can call us direct at 1-800-669-9899. Be sure to have your serial number, model number and date of purchase available when you call.

## Safety

This symbol with "WARNING" is intended to alert the user to the presence of important instructions. Failure to heed the instructions could result in severe injury or death.



### PRACTICE SAFE SOUND

Continuous exposure to sound pressure levels over 100dB may cause permanent hearing loss. High powered auto sound systems may produce sound pressure levels well over 130dB. Use common sense and practice safe sound.

### PRATIQUEZ UNE ÉCOUTE SANS RISQUES

Une exposition continue à des niveaux de pression acoustique supérieurs à 100 dB peut causer une perte d'acuité auditive permanente. Les systèmes audio de forte puissance pour auto peuvent produire des niveaux de pression acoustique bien au-delà de 130 dB. Faites preuve de bon sens et pratiquez une écoute sans risques

### PRACTIQUE EL SONIDO SEGURO

El contacto continuo con niveles de presión de sonido superiores a 100 dB puede causar la pérdida permanente de la audición. Los sistemas de sonido de alta potencia para automóviles pueden producir niveles de presión de sonido superiores a los 130 dB. Aplique el sentido común y practique el sonido seguro.

### PRAKTIZIEREN SIE SICHEREN SOUND

Fortgesetzte Geräuschdruckpegel von über 100 dB können beim Menschen zu permanentem Hörverlust führen. Leistungsstarke Autosoundsysteme können Geräuschdruckpegel erzeugen, die weit über 130 dB liegen. Bitte wenden Sie gesunden Menschenverstand an und praktizieren Sie sicheren Sound.

### OSSERVATE LE REGOLE DEL SUONO SENZA PERICOLI

La costante esposizione a livelli di pressione acustica al di sopra dei 100dB possono causare la perdita permanente dell'udito. I sistemi audio ad alta potenza possono produrre livelli di pressione acustica ben superiori ai 130dB. Si consiglia il buon senso e l'osservanza delle regole del suono senza pericoli

This symbol with "CAUTION" is intended to alert the user to the presence of important instructions. Failure to heed the instructions could result in injury or unit damage.



- To prevent injury and damage to the unit, please read and follow the instructions in this manual.
- If you feel unsure about installing this system yourself, have it installed by a qualified Rockford Fosgate technician.
- Before installation, disconnect the battery negative (-) terminal to prevent damage to the unit, fire and/or possible injury.

<i>Model</i>	<b>M1-6 M1-6B</b>	<b>M1-65 M1-65B</b>	<b>M1-8 M1-8B</b>
<i>Nominal Size</i>	6" (152.4mm)	6.5" (165mm)	8" (203.2mm)
<i>Description</i>	2-Way	2-Way	2-Way
<i>Nominal Impedance (Ohms)</i>	4Ω	4Ω	4Ω
<i>Frequency Response (Hz)*</i>	42-22kHz	38-22kHz	35-22kHz
<i>Power Handling - Watts (RMS/Peak)</i>	75/300	75/300	150/600
<i>Sensitivity</i>	89dB	90dB	92dB
<i>Grille/Trim Ring</i>	YES	YES	YES
<i>LED Current Draw</i>	0.25 Amps	0.25 Amps	0.25 Amps
<i>Recommended Fused Rating For LED's (not included)</i>	1 Amp	1 Amp	1 Amp
<i>LED Voltage Range</i>	9-16 Volts	9-16 Volts	9-16 Volts

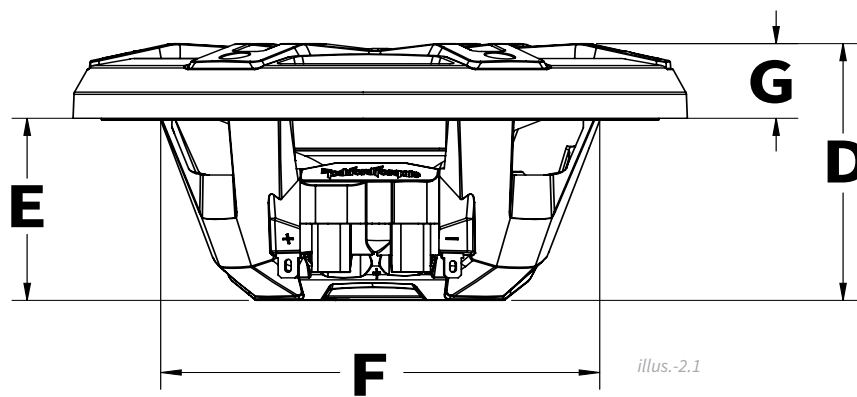
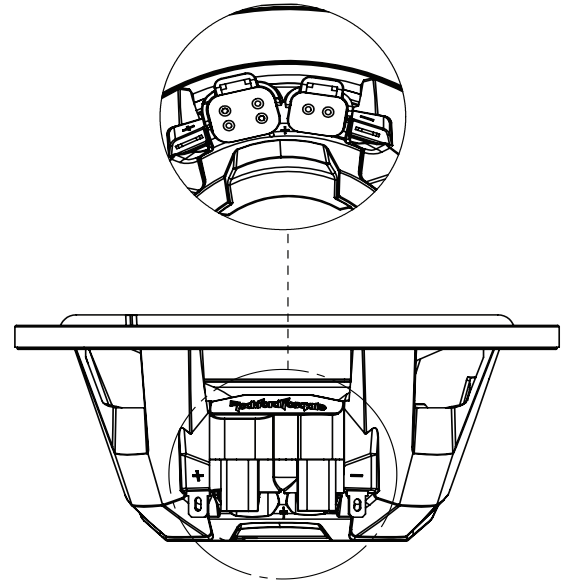
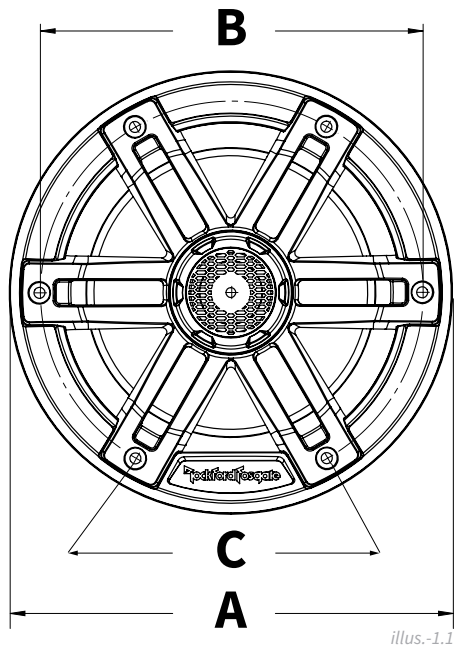
\* Rockford Fosgate determines its rated frequency response range at -6 dB below its nominal sensitivity at upper and lower extents of a speaker's output.



VERIFIED WITH KLIPPEL

To adorn the 'Verified with Klippel' mark, the qualifying company's loudspeaker engineering personnel must be trained and certified by Klippel prior to using the three separate Klippel systems to design, develop and test. Rockford Fosgate has made the investment in Klippel to deliver the best possible speakers and subwoofers to their customers.

# Diagrams



Model	M1-6 M1-6B	M1-65 M1-65B	M1-8 M1-8B
Overall Diameter (A)	7.09" (108.1mm)	7.09" (108.1mm)	8.23" (209.1MM)
Screw Mounting Diameter (B)	6.12" (155.5mm)	6.12" (155.5mm)	7.76" (197.1mm)
Mounting Screw Angle (C)	6@60°	6@60°	6@60°
Overall Height (D)	3.54" (90mm)	3.54" (90mm)	4.63" (117.6mm)
Mounting Depth (E)	2.52" (63.9mm)	2.52" (63.9mm)	3.3" (83.9mm)
Cut-out Diameter (F)	5.07" (128.7mm)	5.36" (136.15mm)	7.1" (180.2mm)
Grill Height (G)	1.06" (26.1mm)	1.06" (26.1mm)	1.33" (33.7mm)

**COLOR OPTIX™ Wiring**

**COLOR OPTIX™ Wiring Precautions**

- Do not connect to 24 Volt electrical systems
- We recommend only using the COLOR OPTIX™ wiring chart or connecting to the PMX-RGB. Connecting any other way could cause damage to the speakers or the device you have connected to.
- We recommend installing a fuse (not included) on the Yellow 12 Volt wire whenever you are NOT using the PMX-RGB. See COLOR OPTIX™ wiring chart for wiring options.
- Rockford recommends a minimum of 20 gauge wire when hardwiring your COLOR OPTIX™ speakers.
- Never wire the COLOR OPTIX™ lights directly to 12 volts. Utilize either the PMX-RGB or a toggle switch (not included) connected to a fused 12 volt power supply. Refer to the specifications to determine the size of fuse (not included) needed

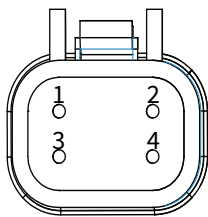
If not using the PMX-RGB, follow the diagrams below for proper pin out and hardwiring instructions.

**COLOR OPTIX™ WIRING OPTIONS**

LED OUTPUT COLOR	CONNECT THIS COLOR WIRE TO GROUND
RED	RED
GREEN	GREEN
BLUE	BLUE
YELLOW	RED & GREEN
PINK	RED & BLUE
AQUA	GREEN & BLUE
WHITE	RED, GREEN & BLUE

Connect colored wires on right to make output color on left.  
Connect all Yellow wires together to switched 12 Volts. See Wiring Precautions.

**COLOR OPTIX™ Pin Out (wire side)**

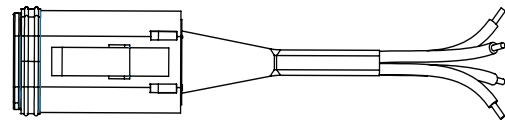


- 1 - RED
- 2 - Yellow
- 3 - Blue
- 4 - Green

**Included with speakers**  
Connector is DEUTSCH™ style DT06-4S

illus.-4.1

**COLOR OPTIX™ Connector**

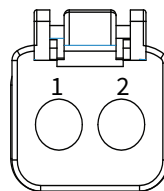


Included

illus.-4.2

**SPEAKER Wiring**

There are (2) different options for wiring your speakers. Use the included spade connectors (included) as seen in illustration 3.1  
You can also utilize the DEUTSCH™/Ampaenol connector (not included) input next to the COLOR OPTIX™ connector.



**Speaker Pin Out (wire side)**  
1 - RED - Positive Speaker Input  
2 - BLACK - Negative Speaker Input  
**NOT included with speakers**  
Connector is DEUTSCH™ style DT06-2S

illus.-4.3

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

### **Length of Warranty**

POWER Amplifiers – 2 Years

BMW® Direct Fit Speakers – 2 Years

PUNCH® & PRIME® Amplifiers – 1 Year

Speakers, Signal Processors, Accessories and Capacitors – 1 Year

All marine, motorcycle, motorsport products - 2 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. Products 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 installation, operations, theft, water (on non-Element Ready products).*
- 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. Refer to [rockfordfosgate.com](http://rockfordfosgate.com) dealer locator for more detail.*

### **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**

*Please 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.*