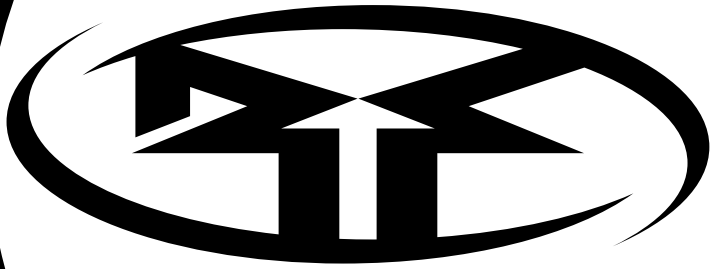# Rockford Fosgate®

RFX8240
RFX8250

Installation &
Operation

PLATINUM SERIES

Source Units

Dear Customer,

Congratulations on your purchase of the world's finest brand of car audio source units. 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, as we provide specialized training through Rockford Technical Training Institute (RTTI). 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 Connecting Punch in your installation. Connecting Punch has everything from RCA cables and speaker wire to power line 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 and jackets to hats and sunglasses.

To get a free brochure on Rockford Fosgate products and Rockford accessories, in the U.S. call 480-967-3565 or FAX 480-967-8132. For all other countries, call +001-480-967-3565 or FAX +001-480-967-8132.

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.

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.

The serial number can be found on the outside of the box. Please record it in the space provided below as your permanent record. This will serve as verification of your factory warranty and may become useful in recovering your unit if it is ever stolen.

Serial Number: _____

Model Number: _____

TABLE OF CONTENTS

NOTE: Review each section for more detailed information.

SAFETY INSTRUCTIONS

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

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

⚠ **CAUTION**: To prevent injury and damage to the unit, please read and follow the instructions in this manual. We want you to have enjoyment from this system, not a headache.

⚠ **CAUTION**   If you feel unsure about installing this system yourself, have it installed by a qualified Rockford Fosgate technician.

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

PRECAUTIONS

SOURCE UNIT
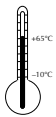
Operating Temperature

Be sure the temperature inside the vehicle is between –10° C and +65° C (+14°F and +149°F). DO NOT play a disc if the temperature is higher or lower than the operating range.

Moisture Condensation

The CD playback may waver due to condensation. If this occurs, remove the disc from the source unit and wait approximately an hour for the moisture to evaporate.

Environment Exposure

DO NOT expose the Source Unit to any of the following: direct sun and heat, high humidity, excessive dust, excessive vibration and rain or water.

Visit our web site for the latest information on all Rockford products.

www.rockfordfosgate.com

PRECAUTIONS

Handling the Detachable Faceplate
DO NOT drop or cause shock to the faceplate as serious damage may occur. Protect the faceplate by storing it in the supplied carrying case.

Avoid Mechanical Malfunction
DO NOT grab a disc while it is being automatically loaded into the source unit. Doing this may cause serious damage to the playback mechanism and/or damage to the disc.

COMPACT DISCS

Disc Handling and Care
DO NOT touch the playing side (opposite of label side) of the disc. When handling the disc, only the outer edges or center hole of the disc should be touched. DO NOT affix any sticker or label to the disc. DO NOT apply vinyl record spray, anti-static agent, acetone, or any other volatile chemicals to the disc.

Damaged Disc
DO NOT play a cracked, warped, or damaged disc. Doing this may cause serious damage to the playback mechanism.

New Discs
The CD player will eject discs that have either been inserted incorrectly or have irregular surfaces. If a new disc is ejected after loading, feel around the outer edge of the CD and its center hole. Any small burrs or irregularities could inhibit proper loading of the disc. To remove the burrs, rub the inside edge of the hole and outside edge of the disc with an object such as a ball point pen.

CONTENTS OF CARTON

Either a model 8240 or 8250 Source unit

Installation & Operation Manual

Hardware Package

16-pin Power Harness

INSTALLATION

NOTICE

Due to mounting needs, it is strongly recommended that you have this unit installed by a qualified technician. Instructions have been provided to connect and install your unit. However, due to the variety of brackets and mounting options used, only the mounting screws have been provided with this unit.

Also, this unit has been specifically designed to be used with an external amplifier with RCA input connections for the best quality performance.

CAUTION: Before permanent installation, ensure the transport screw at the top of the unit has been removed, otherwise problems may occur during play.

INSTALLATION CONSIDERATIONS

The following is a list of tools needed for installation:

Volt/Ohm Meter	Hand held drill w/assorted bits
Wire strippers	1/8" diameter heatshrink tubing
Wire crimpers	Assorted connectors
Wire cutters	Soldering iron
#2 Phillips screwdriver	Solder
Battery post wrench	Heat gun

This section focuses on some of the vehicle considerations for installing your new Source Unit. Pre-planning your system layout and best wiring routes will save installation time. When deciding on the layout of your new system, be sure that each component will be easily accessible for making adjustments.

⚠ **CAUTION**: If you feel unsure about installing this system yourself, have it installed by a qualified technician.

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

Before beginning any installation, follow these simple rules:

1. Be sure to carefully read and understand the instructions before attempting to install the Unit.

2. For safety, disconnect the negative lead from the battery prior to beginning the installation.

3. For easier assembly, we suggest you run all wires prior to mounting your Source Unit in place.

4. Route all of the RCA cables close together and away from any high current wires.

5. Use high quality connectors for a reliable installation and to minimize signal or power loss.

6. Think before you drill! Be careful not to cut or drill into gas tanks, fuel lines, brake or hydraulic lines, vacuum lines or electrical wiring when working on any vehicle.

7. Never run wires underneath the vehicle. Running the wires inside the vehicle provides the best protection.

8. Avoid running wires over or through sharp edges. Use rubber or plastic grommets to protect any wires routed through metal, especially the firewall.

9. ALWAYS protect the battery and electrical system from damage with proper fusing. Install the appropriate fuse holder and fuse on the +12V power wire within 18" (45.7 cm) of the battery terminal.

10. When grounding to the chassis of the vehicle, scrape all paint from the metal to ensure a good, clean ground connection. Grounding connections should be as short as possible and always be connected to metal that is welded to the main body, or chassis, of the vehicle.

MOUNTING LOCATIONS

The mounting position of your source unit will have a great effect on the performance of your in-dash CD Player. The source unit can be installed in a wide range of operating locations. However, care should be taken to ensure optimum performance.

Engine Compartment

Never mount this unit in the engine compartment. Mounting the unit in the engine compartment will void your warranty.

Instrument Panel

Mounting the source unit in the instrument panel provides optimum access. The source unit should be securely mounted using the "ISO-DIN Mount" method to ensure optimum CD Player performance.

Center Console

Mounting the source unit in the center console provides optimum access. Be sure the installation does not interfere with the operation of the gear shift or parking brake. The source unit should have a mounting angle within ±20° from horizontal.

Glove Box

Mounting the source unit in the glove box is adequate, but does not provide easy access. Glove box mounting should only be done if "Instrument Panel" or "Center Console," mounting is not acceptable (i.e., maintaining integrity of older vehicles with metal dashboards.) The source unit should be mounted within ±20° from horizontal.

Under Dash

Mounting the source unit under the dash is adequate, but does not provide easy access. Under dash mounting should only be done if "Instrument Panel," "Center Console" or "Glove Box" mounting is not acceptable. Mount the source unit off to the side of the driver's area to reduce interference with the parking brake, gear shift, or operating pedals. The source unit should be mounted within ±20° from horizontal.

NOTICE

Due to mounting needs, it is strongly recommended that you have this unit installed by a qualified technician. Instructions have been provided to connect and install your unit. However, due to the variety of brackets and mounting options used, only the mounting screws have been provided with this unit.

Also, this unit has been specifically designed to be used with an external amplifier with RCA input connections for the best quality performance.

WIRING THE SYSTEM

⚠ **CAUTION**: If you do not feel comfortable with wiring your new source unit, please see your local Authorized Rockford Fosgate Dealer for installation.

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

1. Install the **16-Pin Power Harness** by connecting the corresponding wires to the electrical system. Solder and heat shrink all connections for a reliable installation. Use .157 female bullet connectors. This will ensure clean connection without splicing. For each connection, cut a 1" piece of heat shrink tubing and slide over one of the wires. Strip each wire 3/8" then insert into the connector and solder. Slide the tubing over the connection and shrink the tubing with a hot air gun until no bare wire is exposed.

2. Connect the **BLACK (GND)** wire to chassis ground. Prepare the chassis ground by scraping any paint from the metal surface and thoroughly clean the area of all dirt and grease. Fasten the wire to the chassis using a non-anodized screw and star washer.

3. Connect the **YELLOW (BATT)** wire to a source of constant +12V (for retaining memory on user-programmed functions). The source should always have +12V, even when the ignition is off and the car is not running.

4. Connect the **RED (ACC)** wire (Ignition) to a source of switched +12V (is on only when ignition key is in "accessory" or "run" position). The switched signal is usually taken from the ACC (accessory) position of the ignition. If the vehicle does not have an ACC position, connect the wire to the switched ON position of the ignition.

5. Connect the **LT. BLUE (REMO A 500mA MAX)** wire to the "Remote Turn-On" leads of the amplifier(s). This will turn-on the external amplifiers when the source unit is powered on.

6. Connect the **DK. BLUE (P. ANT 500mA MAX)** wire to the "Power Antenna" lead. This will raise a fully automatic antenna when the source unit is powered on, but only when the unit is in Tuner Mode.

7. The **DK. BLUE/WHITE (REMO B 1A MAX)** is for future product upgrade. Not used at this time.

8. Install a Preamp Output Harness for external amplifiers by plugging the RCA cables into the corresponding extension RCAs that feed the input of the amplifiers. Be sure to route the signal cables away from any high current wires to prevent coupling noise from radiated electrical fields into the audio signal. The **FRONT** RCAs connect to the Front inputs on the amplifier. The **REAR** RCAs connect to the Rear inputs on the amplifier.

9. Connect the Antenna by plugging the antenna cable into the connector located at the rear of the source unit. Be sure the antenna is securely grounded to the vehicle for proper radio reception.

Connections for RFX8250 only

10. Connect the **ORANGE/WHITE (LIGHT)** wire to the lighting switch terminal. When the vehicle lights are turned on, the lights on the source unit will also turn on.

11. Connect the **BROWN (AUX IN)** wire from an external audio source.

12. Connect the **AUX IN** RCAs from an external audio source unit if using this source unit for switching.

⚠ CAUTION: Before permanent installation, ensure the transport screw at the top of the unit has been removed, otherwise problems may occur during play.

ISO-DIN MOUNT

Installing;

• Remove transport screw from top of source unit.

• Factory Bracket should align with two mounting holes on each side of source unit.

• ISO Screws should be 6mm max (use supplied screws).

• Connect Antenna to antenna jack on rear of source unit.

• Connect power harness and preamp output harness to Source Unit.

• Install Source Unit into instrument panel.

REMOVE Transport Screw

Factory Bracket

Factory Bracket

Dash

Screw

+20°

Horizontal

-20°
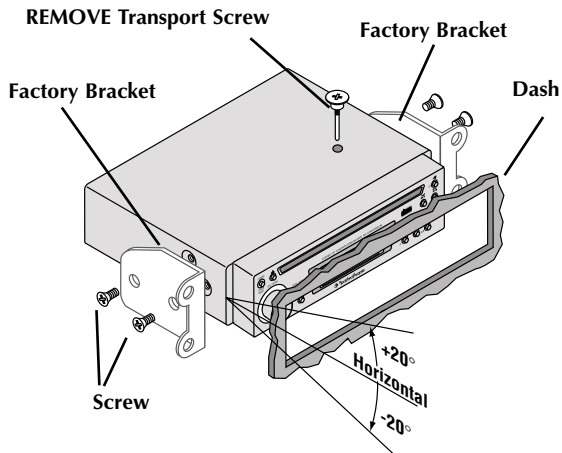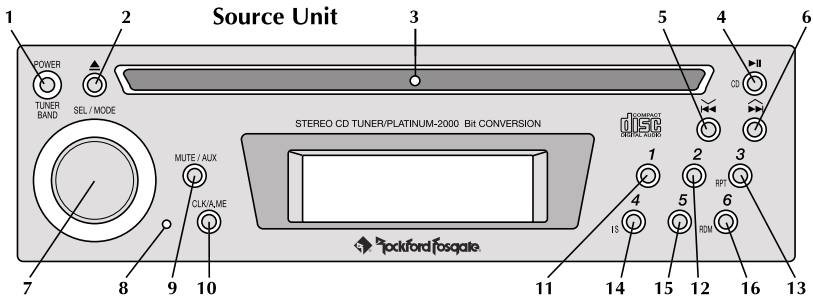
1. **POWER/TUNER BAND**– Turns the source unit on and off and selects which bank of tuner presets (FM1/FM2/FM3/FM4/AM1/AM2) should be active

2. ▲ **(Eject)** – Ejects the CD from the Source unit.

3. **CD Slot** – Insert CD into slot for play.

4. ▶❚❚**CD (Play/Pause)** – Press to pause the CD during play, press again to play from the paused point.

5. ⧏⧏ **(Down/Track Back)** – Selects the previous radio station in TUNER mode and selects the previous track in CDP mode.

6. ⧐⧐ **(Up/Track Forward)** – Selects the next radio station in TUNER mode and selects the next track in CDP mode.

7. **SEL/MODE/Volume Control** – Volume adjustment control, when pressed, selects between VOLUME, BASS, TREBLE (TREB), FADER (FAD) ,BALANCE (BAL), *AUXILIARY LEVEL (AUX LV) modes. Press and hold to enter into the SETUP MODES for LOCAL/DX, ST/MONO, ILLUMI (illumination) and 12H or 24H (hour) time.

8. **RESET** – This resets all memory to factory defaults.

9. **MUTE/AUX*** – Mutes audio in TUNER or press and hold to put unit in the Auxiliary* input mode.

10. **CLK/A. MEM (Clock/Auto Memory)** – Press to show time. Press and hold to store strongest radio stations in FM3/FM4/AM2 tuner banks in AUTO MEMORY mode.

11. **PRESET 1** – Selects radio preset #1 in TUNER mode.

12. **PRESET 2** – Selects radio preset #2 in TUNER mode.

13. **PRESET 3/RPT** – Selects radio preset #3 in TUNER mode and repeats the current track in CDP mode.

14. **PRESET 4/IS** – Selects radio preset #4 in TUNER mode, or scans the tracks in CDP Mode.

15. **PRESET 5** – Selects radio preset #5 in TUNER mode.

16. **PRESET 6/RDM** – Selects radio preset #6 in TUNER mode and selects tracks at random in CDP mode.

* Feature available only on 8250

OPERATION – BASIC

RESET BUTTON

⚠ **CAUTION**: Do not press the Reset Button too hard or you may cause damage that may void your warranty. If you need assistance, please consult an Authorized Rockford Fosgate Dealer.

1. Insert a paper clip or other slender object into the Reset Button hole in the lower left area of the unit and gently press it in until the button clicks. This resets all memory to factory defaults.

POWER ON/OFF

1. Press the POWER button to turn the source unit on.

2. Press and hold the POWER button to turn the source unit off.

NOTE: After a CD has been played and ejected, press the POWER button once to return to TUNER mode.

VOLUME KNOB – SEL/MODE CONTROLS

The Volume knob is a multifunction controller and handles the Volume and Tone Controls, see below.

To Control Volume

1. Turn the VOLUME knob clockwise to raise volume.

2. Turn the VOLUME knob counter-clockwise to lower volume.

To Adjust Tone Controls

1. Press the VOLUME knob (SEL/MODE button) repeatedly to cycle through;

   BASS – -12dB to +12dB {Default is Ø)

   TREBLE (TREB) – -12dB to +12dB {Default is Ø)

   FADER (FAD) – R +15 to F +15 {Default is Ø) R=Rear, L=Front

   BALANCE (BAL) – L +15 to R +15 {Default is Ø) L=Left, R=Right

   AUXILIARY LEVEL* – -6dB to +6dB {Default is Ø)
   Allows you to boost the input volume of a weak external audio source or diminish a powerful one. Useful for external sources: MP3 players, video games, VCPs, etc.

   VOLUME – Ø-32 {Default is Ø)

2. Turn the VOLUME knob to increase (clockwise), or decrease (counter-clockwise), the selected function.

NOTE: If no adjustment is made after 5 seconds, the SEL/MODE knob will revert to VOLUME mode.

Selecting Mode Options

1. Press and hold the VOLUME knob for about 2 seconds until the first Option appears {LOCAL/DX}.

2. Press the VOLUME Knob repeatedly to cycle through all Setup Options. The first two (2) options only affect the Tuner Mode.

3. To change an Option, turn the Volume Knob clockwise or counter-clockwise.

4. To store, wait 5 seconds and the Display will return to the last Mode shown.

- LOCAL/DX — Adjusts the sensitivity of the tuner for rural conditions where there are weak radio stations while Local adjusts the sensitivity for city conditions where there are several strong radio stations. LOCAL will appear on the display when in that mode

- ST/MONO (Stereo/Mono) — Changes the reception signal of the tuner from stereo to mono. ST will appear on the display when in stereo mode, and MONO will appear when in mono mode.

- ILLUMI (Illumination) — Changes the illumination of the source unit from green to red.

- 12H/24H (Hour) — Changes how time will be displayed between a 12 hour or 24 hour time format. Example: when in 24H, 3pm will display as 15:00.

CLOCK OPERATION

NOTE: To set the clock, the source unit must be turned OFF.

Setting the Clock Hours

1. Press and hold the **CLK/A. MEM** button until the source unit turns on, the hour will be flashing.

2. Use the Volume control knob to adjust the hour.

Setting the Clock Minutes

1. Press the **CLK/A. MEM** button a second time and the minutes will flash.

2. Use the Volume control knob to adjust the minutes.

3. Press and hold the **CLK/A. MEM** button until the source unit turns back off. The time is now set on the source unit.

AUXILIARY MODE (8520 Only)

1. Press and hold the **MUTE/AUX** button until A\AUX appears in the display.The external audio source connecting into the AUX IN RCAs will be used. All controls, except those used for CD play function normally in this mode.

2. Press the POWER button once to return to TUNER mode.

MUTE

1. Press the MUTE button to dampen the volume.

2. Press the MUTE button a second time to revert the audio to the previous level.

NOTE: The panel will display MUTE until the function is canceled.

PANEL DISPLAY

Tuner Mode:

The panel will display the band, FM1, FM2, FM3, FM4, AM1 or AM2, and the station frequency.

CDP Modes

While playing a disc the panel will display DISC, TRACK, the track number and the time played.

AUX Mode {Model 8250 only}

The panel will display A\AUX when in Auxiliary mode.

SELECTING A BAND

Press the POWER/TUNER BAND button repeatedly to cycle through FM1, FM2, FM3, FM4, AM1 and AM2. The act of selecting the band automatically enables that band.

TUNER OPTIONS

DX and ST (Stereo) are the default Tuner Options settings.

- LOCAL/DX
- ST/MONO

Selecting Tuner Options

See **Selecting Mode Options** to change tuner options.

SELECTING A STATION

Press the ⌃ (up) or ⌄ (down) button once and the Tuner will rapidly proceed to the next ⌃ (up) or pervious ⌄ (down) station the tuner can receive.

Press and holding either the ⌃ (up) or ⌄ (down) button for 2 seconds will put you into TUNER MANUAL mode. Holding the button will manually search up or down at a rate of one step. After the frequency has move five steps continuing to hold the button will allow rapid searching. In FM a step equals 0.20 of a frequency, in AM a step equals 10.

PRESET BUTTONS

Each Tuner mode—FM1, FM2, FM3, FM4, AM1 and AM2—has 6 presets for a total of 36 presets.

To Set a Preset Button

1. Tune the Tuner to the station you wish to program.

2. Press and hold any preset button (1 to 6) for three (3) seconds and it will program that setting.

AUTO MEMORY STORE

If you want the Tuner to select the most powerful stations in order of their signal strength and assign them to Preset buttons 1 to 6, in the tuner mode of FM3, FM4 or AM2 you can use Auto Memory.

1. Press the Power/Tuner Mode button to select where the channels are to be stored, either FM or AM. In FM, Auto Memory will store 12 stations, six (6) each in FM3 and FM4. In AM, Auto Memory will store 6 stations in AM2.

2. Press and hold the CLK/A.MEM button until A\MEMO appears on the display. The Tuner will scan the entire dial.

3. Auto Memory will store radio stations independently in the selected tuner bank (FM3 and FM4 or AM2).

Basic Operation

NOTE: This system does ***not*** play CD-R, CD-RW or MP3 discs.

To Play a CD

1. Insert the CD into the CD slot, label side facing up.

2. CDP PLAY will auto-select and the CD will begin playing track 1 immediately.

3. Use UP and DOWN buttons to change tracks.

To Eject a Disc

1. Press the ▲ (Eject) button and the CD will stop playing and eject.

2. Remove the CD from the source unit.

⚠ **CAUTION**: To prevent damage to the CD and/or source unit ensure the CD is removed after it has been ejected.

NOTE: After a CD has been played and ejected, press the POWER button once to return to TUNER mode.

Panel Display

While playing a disc the panel will display DISC, TRACK, the track number and the time played.

Advanced Operation

To switch to TUNER mode while a CD is playing, press the Power/Tuner Mode button. To return to playing the CD press the ►❙❙ CD (Play/Pause) button.

Track Selection

1. Press the ⏫ (up) button to select the next track on the disc.

2. Press the ⏬ (down) button to select the previous track.

Considerations

CDP MODE: The disc will start over at track 1 again after the last track plays.

Forward/Reverse

Press the ⏬ (down) button and the player will take you to the start of the same track. Pressing ⏫ (up) takes you to the next track.

Fast Forward/Reverse

1. Press and hold the ⏫ (up) button to fast forward the track.

2. Press and hold ⏬ (down) to fast rewind the track.

NOTE: The panel will display the elapsed time as long as the ⏫ (up) or ⏬ (down) buttons are pressed.

To Repeat a Track

1. Press the RPT (3) button to to repeat the track currently playing..

2. To cancel, press the RPT (3) button a second time. Pressing the IS (4) {scan}, RDM (6), ⏫ (up) or ⏬ (down) button will also cancel repeat.

NOTE: The panel will display RPT until the function is cancelled.

Track Scan (IS)

Track Scan plays the intro to each track for 15 seconds before moving to the next track on the currently playing disc.

1. Press the IS (4) {scan} button to begin track scan mode.

2. To cancel, press the IS (4) button a second time.

NOTE: The panel will display IS until the function is cancelled.

To Play Tracks at Random

1. Press the RDM (6) button to randomize the tracks on a disk.

2. To cancel, press the RDM (6) button a second time.

NOTE: The panel will display RDM until the function is cancelled.

Pause CD

1. Press the ►❙❙ CD (Play/Pause) button to pause the CD.

2. Press the ►❙❙ CD (Play/Pause) button a second time to resume playing the disc.

NOTE: The ► (play) symbol will blink on the display showing the CD is paused.

NOTE: If the error still continues after doing one of the easy remedies, before taking the unit to a service dealer, try resetting the system by pressing the reset button.

General

SYMPTOM	DIAGNOSIS	REMEDY
Source Unit does not turn on	Voltage applied to Red and Yellow wires is not between 10.8 and 16 volts or there is no voltage present	Check battery, connections and fuses and repair or replace as necessary. If voltage is above +16 volts, have the electrical system inspected by an authorized car service center.
	Unit is not properly grounded	Check wiring and repair as necessary
	Fuse is blown.	Replace fuse with same amperage and rating. If this reoccurs, consult your local Authorized Rockford Fosgate Dealer
Tuner fails to tune any radio stations	Antenna is disconnected	Check connections and repair as necessary
Tuner has poor reception	Antenna is disconnected or not properly grounded to vehicle	Check connections and installation of antenna and repair or replace as necessary
	Antenna cable is intermittent or damaged	Disconnect antenna and test with known working antenna. If tuner works, check installation and repair antenna as necessary
	Antenna is wrong type for AM/FM frequencies	Consult your local Authorized Rockford Fosgate Dealer for proper antenna selection
CD ejected immediately after inserting	Th CD was inserted upside down.	Insert CD with label side up.
CD skips excessively	Source unit mounted at an incorrect angle	Check mounting angle of source unit (mount within ±20˚ from horizontal) and repair as necessary
	Source unit not secured properly	Check tightness of mounting screws and repair or replace as necessary
	Excessive dirt or dust on disc	Clean disc to remove dirt or dust as necessary
	Disc is warped cracked or severely damaged	Put in a different disc!
	Excessive scratches on disk	Put in a different disc!
Press in holding a button will not activate a function. Information shown on display is inaccurate.	The microcomputer is malfunctioning	Push the REST button. If the problem still continues, consult your local Authorized Rockford Fosgate Dealer

SPECIFICATIONS

General	8240	8250
Operating Voltage	+10.8V – +16.0V DC	+10.8V – +16.0V DC
Standby Current	5mA Max	5mA Max
Operating Temperature	Receiver: -30˚C to +70˚C	Receiver: -30˚C to +70˚C
	CD Player: -10˚C to +65˚C	CD Player: -10˚C to +65˚C
Preamp Output Voltage	>2.0V RMS @ 0.5% THD	5V RMS @ 0.5% THD
Preamp Output Impedance	<100Ω	<50Ω
Equalization	Bass: ±12dB @ 100Hz	Bass: ±12dB @ 100Hz
	Treble: ±12dB @ 10kHz	Treble: ±12dB @ 10kHz
Overall Dimensions	Height: 1-31/32" (50mm)	Height: 1-31/32" (50mm)
	Width: 7" (178mm)	Width: 7" (178mm)
	Depth: 6-13/32" (163mm)	Depth: 6-13/32" (163mm)
Weight (Mass)	3.75lbs (1.7kg)	3.75lbs (1.7kg)

FM Tuner

Tuning Range	87.9 ~ 107.9MHz (200kHz spacing)
Usable Sensitivity	14.8dBf
Signal-to-Noise Ratio	70dB (IHF-A)
Distortion	< 0.5%
Channel Separation	40dB @ 1kHz
Suppression	20.3dBf

AM Tuner

Tuning Range	530 ~ 1710kHz (10kHz spacing)
Sensitivity	30µV

CD Player

Compatible Discs	5"
Frequency Response	20Hz – 20kHz (±3dB)
Signal-to-Noise Ratio	>90dB (preamp output w/ 22kHz LP filter)
Distortion	<0.5%
Channel Separation	86dB (preamp output w/ 22kHz LP filter)
Dynamic Range	100dB

Specifications subject to change without notice

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

Length of Warranty

PUNCH Amplifiers – 2 years   **All Other Amplifier Models – 3 years**

Source Units – 1 year   **Speakers – 1 year**

90 days on speaker, amplifier and source unit B-stock (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

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

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.

Ship to: **Electronics**
Rockford Corporation
Warranty Repair Department
2055 E. 5th Street
Tempe, AZ 85281
RA#: _____

Ship to: **Speakers**
Rockford Acoustic Design
Speaker Returns
2356 Turner Ave. NW
Grand Rapids, MI 49544
RA#: _____

Rockford Fosgate