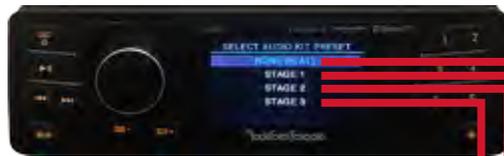
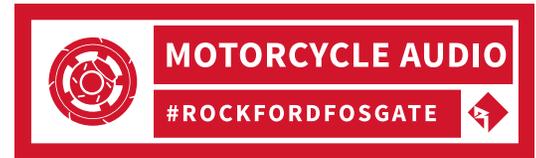


# 1998-2013 Harley-Davidson®

## PMX-HD9813 Radio Tuning Guide for STAGE1, STAGE2 & STAGE3 Systems.



**FLAT:** Use on non-Rockford Fosgate systems.

### AUDIO KIT PRESET:

These PMX-HD9813 tunings are independently optimized ONLY for Rockford Fosgate TMS speaker systems due to their unique frequency response. They are not for use with other speaker brands.

- 1) Press & Hold MENU to access SETTINGS.
- 2) Rotate VOLUME, press to select AUDIO.
- 3) Rotate VOLUME, press to select AUDIO KIT PRESET.
- 4) Radio will automatically reboot & load preset.



HD9813SG-STAGE1  
HD9813SG-STAGE2



HD9813RG-STAGE1  
HD9813RG-STAGE2

**STAGE1:**  
**Upper Fairing**



HD9813SG-STAGE3

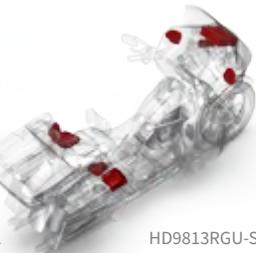


HD9813RG-STAGE3

**STAGE2:**  
**Upper Fairing + Baglids**



HD9813SGU-STAGE1  
HD9813SGU-STAGE2  
HD9813SGU-STAGE3



HD9813RGU-STAGE1  
HD9813RGU-STAGE2  
HD9813RGU-STAGE3

**STAGE3:**  
**Upper Fairing + TourPak**  
**Upper Fairing + TourPak + Baglids**

### RADIO DEFAULTS



**7 BAND EQ: FLAT**



**CROSSOVER:**  
**FRONT HPF: 60Hz @ 12dB/Oct.**  
**REAR HPF: 60Hz @ 12dB/Oct.**  
**SUB LPF: APF**



**PUNCH EQ: GAIN 0**

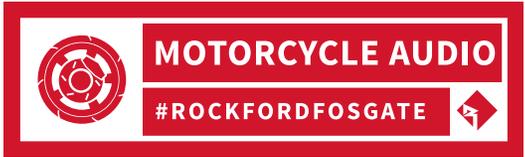


**INTERNAL AMPLIFIER: ON**

# 1998-2013 Harley-Davidson®

## TM400X4ad Amp Tuning Guide for PMX-HD9813 on STAGE2 & STAGE3 Systems.

For other radios, refer to Knowledge Base Answer ID #1355.



**RADIO O.K.**  
no flash required

**TURN-ON O.K.**  
blue remote wire not required

### REAR INPUT LEVEL: 9:00 (1/4)

Matches the amp to the radio.  
Tells the amp where to “clip.”

### FRONT INPUT LEVEL: 8:00 to 9:00

When using baglids or TourPak,  
reduce fairing speaker output  
by trimming front gain so front  
& rear are equally balanced.

### FRONT & REAR EQUALIZER: 12:00

Works with PMX-HD9813 DSP  
to provide exceptional  
bass & treble response.

### INPUT SWITCH: 4CH

Number of inputs to feed amp.  
New harness supports  
integrated 4-channel  
front/rear audio.  
Must use rear speaker  
harness on PMX-HD9813.



### CROSSOVER FREQUENCY: 50Hz

Tells amp what frequencies to pass.  
Motorcycles use this as a “bass blocker”  
to prevent subwoofer frequencies from  
damaging fairing and baglid speakers.  
(latched to HP/AP/LP switch)

### CROSSOVER SWITCH: HP (High-Pass)

Type of crossover needed.  
(works with crossover frequency dial)

[HP (High-Pass) allows frequencies above to pass]  
[AP (All-Pass) allows all frequencies to pass]  
[LP (Low-Pass) allows frequencies below to pass]





**Rockford Fosgate®**

**DIGITAL MEDIA RECEIVER  
FOR 1998-2013 HARLEY-  
DAVIDSON® MOTORCYCLES**

**P U N C H®**

**PMX-HD9813**



pandora®



# 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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	Pandora*
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12-13	Troubleshooting
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54	Limited Warranty Information

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 directly at 1-800-669-9899. Be sure to have your serial number, model number and date of purchase available when you call.

## 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.

## 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.



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 dealer.

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

## FCC Compliance Statement

FCC ID: 2AB7S-CW51P

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide more reasonable protection against harmful interference in a residential installation.

Operation is subjected to the following two conditions: (1) This device may not cause harmful interference, and (2) the device must accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult your Rockford Fosgate dealer.

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"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.

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Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. All rights reserved.

Model	PMX-HD9813																
Operating Voltage	10.5V - 16V																
Fuse Rating	20A																
Power Output	25 W X 4 @ 4 Ohms RMS 50 W x 4 @ 2 Ohms Peak																
Max. RCA Output Voltage	4V																
Output Impedance	500Ω																
Frequency Response	20 - 20kHz																
FM Frequency Range	87.5MHz - 107.9MHz																
AM Frequency Range	530kHz - 1710kHz																
Tuner Presets	18 FM / 12 AM																
Clock	12:00/24Hour																
Display	3" Color TFT																
Bluetooth	3.0+EDR, A2DP 1.3																
USB Compatibility	2.0																
USB Capacity	32 GB max, 255 Folders max, 999 Songs max																
USB Output	1.5A																
Made for iPhone Model Names-	<table border="0"> <tr> <td>iPhone XS Max</td> <td>iPhone 7</td> </tr> <tr> <td>iPhone XS</td> <td>iPhone 6s Plus</td> </tr> <tr> <td>iPhoneXR</td> <td>iPhone 6s</td> </tr> <tr> <td>iPhone X</td> <td>iPhone 6 Plus</td> </tr> <tr> <td>iPhone 8 Plus</td> <td>iPhone 6</td> </tr> <tr> <td>iPhone 8</td> <td>iPhone 5S</td> </tr> <tr> <td>iPhone 7 Plus</td> <td>iPhone 5C</td> </tr> <tr> <td></td> <td>iPhone 5</td> </tr> </table>	iPhone XS Max	iPhone 7	iPhone XS	iPhone 6s Plus	iPhoneXR	iPhone 6s	iPhone X	iPhone 6 Plus	iPhone 8 Plus	iPhone 6	iPhone 8	iPhone 5S	iPhone 7 Plus	iPhone 5C		iPhone 5
iPhone XS Max	iPhone 7																
iPhone XS	iPhone 6s Plus																
iPhoneXR	iPhone 6s																
iPhone X	iPhone 6 Plus																
iPhone 8 Plus	iPhone 6																
iPhone 8	iPhone 5S																
iPhone 7 Plus	iPhone 5C																
	iPhone 5																
Android Compatibility	Bluetooth® Only																
Audio File Compatibility	MP3, WMA, FLAC																
Certifications	ASTM D4329 IPX6 (Front Face) IPX4 (Rear Chassis) CISPR25 Class 3 EMI FCC, CE RED, IC RCM																
Compatibility	2006-2013 Street Glide 1998-2013 Road Glide 1998-2013 Electra Glide Not compatible with factory equipped CB, Headset, Satellite radio systems or Rear Volume Controls																



CEA 2006

Power ratings on Rockford Fosgate source units conform to CEA-2006 industry standards. These guidelines mean your source unit's output power ratings are REAL POWER numbers, not inflated marketing ratings.

# Design Features

## SRC (Power) Button

This button allows you to switch between sources and power the unit ON and OFF.

## Rotary Encoder

This knob is for adjusting main volume, menu navigation and setting adjustments.

## PLAY / PAUSE button

Press this button to play or pause your music. This button also acts as a MUTE when the source is in AUX & TUNER mode.

## PRESET buttons

These buttons allow you to set presets and allow quick access to them once set. Press and hold to retain the channel and press to recall the channel.

## MENU button

Press & hold for 5 seconds to access the main menu settings. Pressing will give you access to the settings for the active source.

## SUB Buttons

These buttons allow you to adjust the subwoofer output UP or DOWN (0-20).

## REV / FWD button

Use this button to skip back and forward through channels or tracks with a press. Holding the button down will activate manual seek mode.

## DIMMER button

Pressing this button will allow you to select between the two brightness values for the display.

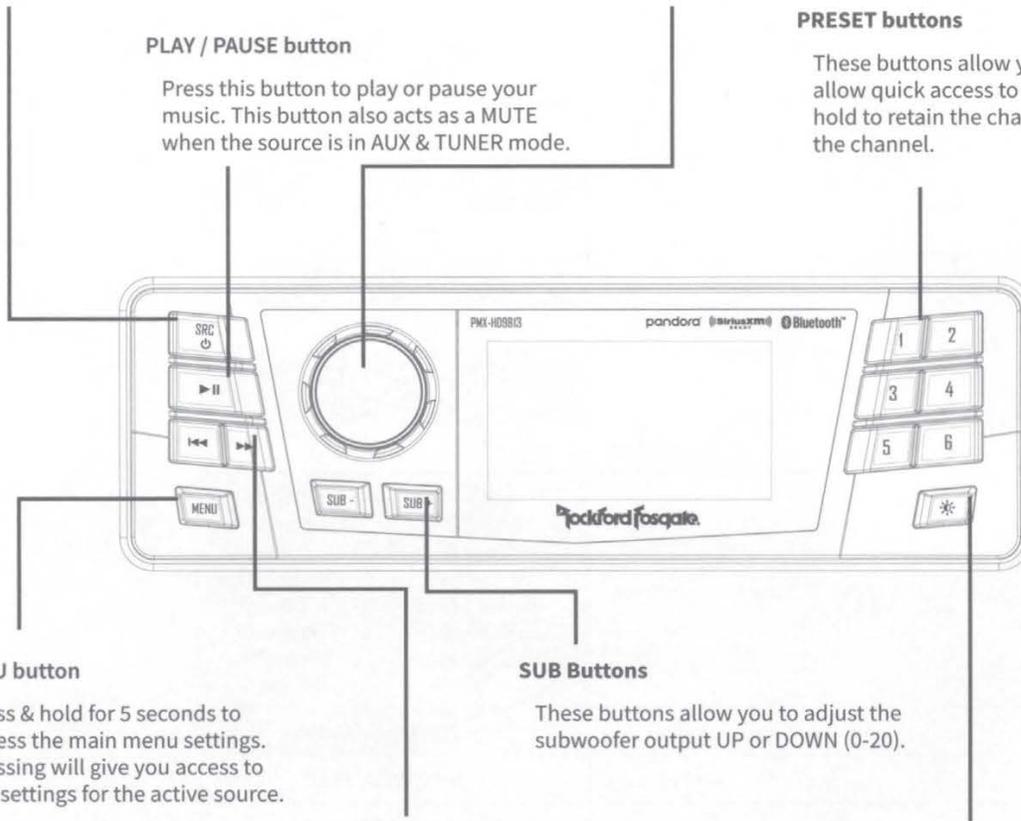


Fig. 1

## Contents

- Source Unit
- RCA Output Harness
- Installation & Operation Manual

## Installation Considerations

The following is a basic list of tools needed for installation:

- Volt/Ohm meter
- Battery post wrench
- T-25 Torx Bit
- 3/16" Allen Wrench

If you feel unsure about installing this system yourself, have it installed by a qualified Rockford Fosgate dealer.

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

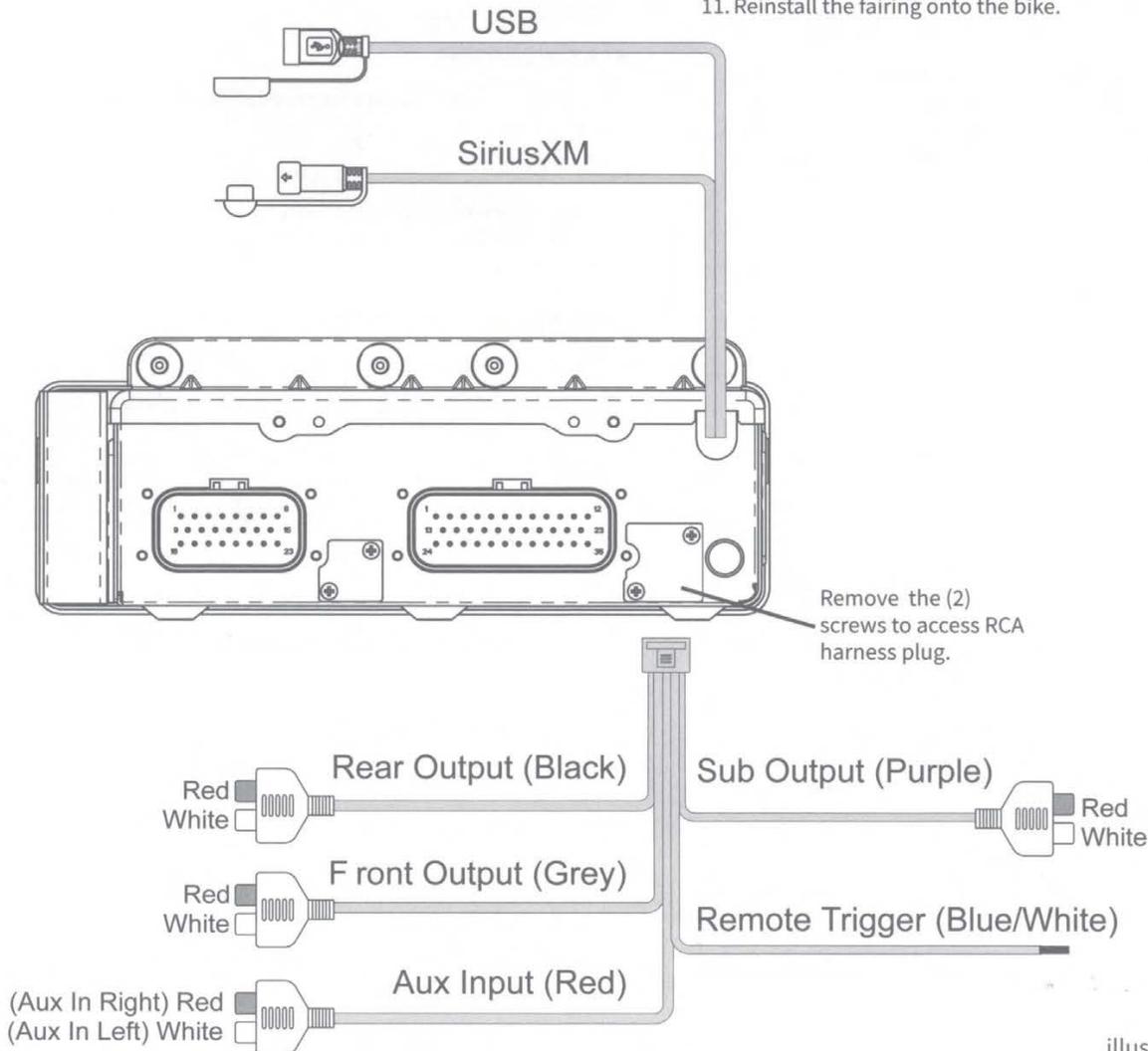
For your specific radio installation, please refer to [www.rockfordfosgate.com/products/details/pmx-hd9813](http://www.rockfordfosgate.com/products/details/pmx-hd9813) for more information.

If installing this unit in a motorcycle that no longer has the factory radio harness and connectors or if adding rear speakers to a motorcycle not equipped with them, please contact Rockford Fosgate to purchase the harness (part # 1130-72997-01).

## Mounting

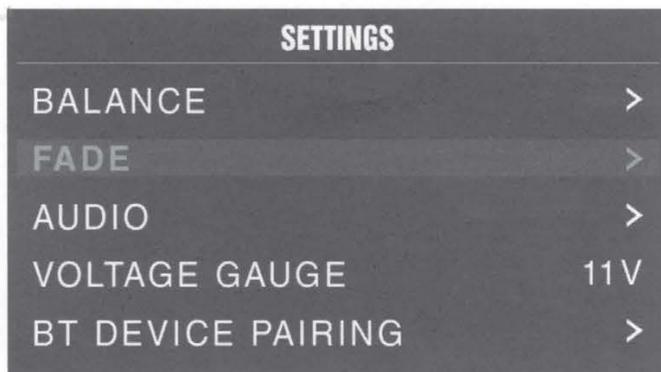
This unit is a direct plug and play replacement for the factory radio.

1. Using your Torx tool, remove the fairing screws securing the outer fairing to the bike. This will give you access to the factory radio.
2. Remove the (4) factory screws that are holding the radio in place using the 3/16" allen tool. There are (2) on each side.
3. Carefully unplug the factory harness and antenna from the back of the factory radio.
4. Remove the radio by pulling it towards the front of the motorcycle.
5. Slide the PMX-HD9813 source unit into the factory radio mounting hole and secure with existing factory fasteners.
6. Plug the factory harness and antenna into the back of the new unit.
7. If using a non Rockford Fosgate amplifier, plug the RCA harness into the remaining socket. See illus-1.1.
8. If using an AUX to plug into the unit, plug the RCA harness into the remaining socket. See illus - 1.1.
9. If installing a SiriusXM Connect Tuner and antenna, you must plug the SXV300 tuner into the SiriusXM port. See illus 1.1
10. If using the Rockford Fosgate amplified kit, please refer to the video on [www.rockfordfosgate.com/motorcycle](http://www.rockfordfosgate.com/motorcycle)
11. Reinstall the fairing onto the bike.



illus.-1.1

# Settings



## Source Unit Settings

To access the source unit's settings, press and hold the MENU button until the options appear. Rotate the encoder to scroll through the list of settings and then press the encoder button to select the setting you wish to change. (BALANCE>FADER>AUDIO>VOLTAGE GAUGE>BT PAIRING>BEEP>TUNER REGION>SOFTWARE>THEME>REMOTE SETUP>CLOCK/DATE>FACTORY DEFAULT)

### BALANCE

Press the encoder button to access BALANCE adjustment settings. Rotate the encoder button to set output BALANCE.

### FADER

Press the encoder button to access FADER adjustment settings. Rotate the encoder button to set output FADER.

### AUDIO

To access the AUDIO settings, press the AUDIO option from the MENU screen. Rotate the encoder to scroll through the list of settings and then press the encoder button to select the setting you wish to change. (7 BAND EQ>CROSSOVER>PEQ>REAR RCA>AUX INPUT>SOURCE GAIN>INTERNAL AMPLIFIER)

#### 7 BAND EQ

Press the encoder button to access the 7 BAND EQ settings. Use the rotary encoder to scroll through the EQ settings. (FLAT > ROCK > CLASSIC > ACOUSTIC > DANCE > ELECTRONIC > HIP-HOP > CUSTOM) When setting up the CUSTOM EQ, press the encoder button to set the first frequency. Once active, rotate the encoder to adjust the frequency settings. Press encoder button again to access the next frequency. Repeat until all EQ settings are complete. Press the MENU button to exit and go back up one level.

#### CROSSOVER

Press to access the CROSSOVER settings. Use the rotary encoder to select the crossover zone options (FRONT>REAR>SUB). Press the encoder to adjust the frequency of the crossover (60Hz>80Hz>120Hz>APF). Press MENU to exit and go back up one level.

#### PUNCH EQ

Press to access the PUNCH EQ settings. Use the rotary encoder to adjust the gain output (0-12). Press MENU to exit and go back up one level.

Punch EQ is an onboard equalizer with up to +18dB @ 45Hz and/or up to +12dB boost at 12.5kHz

## AUX INPUT

**RENAME** - To rename AUX, press the encoder button to set the first letter of the new name. Once active, rotate encoder to select letters. Press the encoder button again to set the next letter. Repeat until AUX has been renamed. Press MENU to exit and go back up one level.

**ENABLE** - Press the encoder button to access options. Rotate the encoder button to select if unit is discoverable. (ENABLE > DISABLE)

## SOURCE GAIN

To adjust the level of device input gain, scroll through the inputs (FM TUNER>AM TUNER>USB>AUX1>AUX2>BLUETOOTH>PANDORA>SiriusXM>GLOBAL INPUT) to the device you want to adjust, press the encoder button to access the gain settings. Rotate the encoder button to set the level of gain (-3dB > -2dB > -1dB > 0dB > +1dB > +2dB > +3dB).

Selecting the GLOBAL INPUT option lets you adjust all source attenuation at once (0dB>-3dB>-6dB>-9dB>-12dB>-15dB>-18dB).

## INTERNAL AMPLIFIER

Press to access the INTERNAL AMPLIFIER options. Use the rotary encoder to select options (ON>OFF). When using an amplifier to power your speakers, select OFF. If you are powering your speakers directly from the source unit, select the INTERNAL AMPLIFIER to ON.

## VOLTAGE GAUGE

To display the vehicle voltage, press the encoder button on the VOLTAGE GAUGE option.

## BT DEVICE PAIRING

Press the encoder button to access options (DISCOVERABLE > DEVICE).

### DISCOVERABLE

Rotate the encoder button to select if unit is discoverable for pairing. (ENABLE > DISABLE) Once enabled, the source unit is now discoverable and ready for pairing to your mobile device. Open the Bluetooth settings on your mobile device to find the source unit labeled "Rockford PMX" and select.

### DEVICE

Selecting DEVICE by pressing the encoder button will allow you to rename the source unit with up to 16 characters. This gives you the ability to have a unique name for easy identification during device pairing. Press the encoder button to select the letter to be changed and rotate the knob to change the value. Repeat process until desired name is reached.

## BEEP

Press the encoder button to access the BEEP options. Rotate the encoder button to turn system beep ON/ OFF.

## TUNER REGION

To adjust, press the encoder button to access. Rotate the encoder button to select the TUNER REGION of your preference. (EUROPE > USA > RUSSIA > LATIN > ASIA > JAPAN > MIDEAST > AUSTRALIA)

## SOFTWARE

**VERSION** - Press the encoder button to display the current firmware version of the unit.

**UPDATE** - Press the encoder button to update the firmware. Follow the instructions on the screen when updating.

**THEME**

To adjust the THEME, press the encoder to access the feature. Rotate the encoder button to select the desired THEME (DAY, NIGHT, AUTO)

**REMOTE SETUP FOR OPTIONAL PMX-BTUR**

To access the REMOTE SETUP options, press the encoder to display the different options (HEAD UNIT INFO>PMX-BTUR SCAN>DISCONNECT>PMX-BTUR INFO> HEAD UNIT RESET).

To pair you PMX-BTUR, press any button on the remote to activate the device. Then select PMX-BTUR SCAN under the REMOTE SETUP options. Once it detects the remote, press the encoder to finish pairing. Refer to the table on page 11 for PMX-BTUR controls.

**CLOCK/DATE**

To adjust the CLOCK/DATE, press the encoder to access the feature. Rotate the encoder button to select CLOCK/DATE options (CLOCK/DATE SETTING>ALBUM ART DISPLAY).

**CLOCK/DATE SETTING**

To set the 12H/24H display preference, rotate the encoder to scroll through the time display options. Press encoder to select and keep that option.

To adjust the time, rotate the encoder to the correct hour, press the encoder to lock in hour, repeat for minutes and date.

**ALBUM ART DISPLAY**

Press the encoder button to select which ALBUM ART DISPLAY option you want (OFF>5S>10S>20S>ALWAYS).

**FACTORY DEFAULT**

**AUDIO** - Press the encoder button to access. Rotate the encoder button to select YES/NO. Selecting YES will reset your unit back to factory default settings.

**SYSTEM** - Press the encoder button to access. Rotate the encoder button to select YES/NO. Selecting YES will reset your unit back to factory default settings.

**SiriusXM** - Press the encoder button to access. Rotate the encoder button to select YES/NO. Selecting YES will reset your unit back to factory default settings.

**Basic Operation****TURNING THE UNIT ON / OFF**

Press and hold the SRC (Power) button to turn the unit ON or OFF

**ADJUSTING THE VOLUME**

Rotate encoder knob left or right to desired volume level (0-40). The current volume level will be displayed during adjustment.

**ADJUSTING THE SUBWOOFER OUTPUT**

Press the SUB + or SUB- buttons to adjust the output level (0-20).

**ADJUSTING THE SCREEN BRIGHTNESS**

Press and hold the DIMMER button to adjust the brightness level. There are two brightness levels.

**SELECTING A SOURCE TO PLAY**

Press the SRC button to show the different source options (FM TUNER>AM TUNER>USB>AUX>BLUETOOTH>PANDORA>SiriusXM). Use the rotary encoder or press the SRC button to scroll through sources.

**Tuner Operation (FM/AM)**

To operate, use the rotary encoder to select the tuner source you want to listen to (FM>AM>WB).

To switch between AUTO and MANUAL SEEK modes, press and hold either the FWD or REV buttons.

To AUTO SEEK stations, press the FWD and REV buttons. To MANUAL SEEK stations, press and hold the FWD and REV buttons to tune to the desired frequency.

To MUTE the TUNER, press the PLAY/PAUSE button.

**FM BAND SETTINGS**

To access the FM BAND SETTINGS, press the MENU when using the FM TUNER source. This will give you access to the settings specific to the FM TUNER (FM>PRESETS>ADD PRESETS>REMOVE PRESETS>AUTO STORE>LOCAL).

**PRESETS**

Press the encoder button to access the PRESETS list. Using this feature allows you to see what PRESETS are saved on the unit.

**ADD PRESETS**

Press the encoder button on the ADD PRESETS option. You will need to be on both the station and PRESET group you want to add first (FM1>FM2>FM3). Using this feature allows you to save stations to the unit. Once selected, use the rotary encoder to select the PRESET number (1-6) you want the station saved to.

**REMOVE PRESETS**

Press the encoder button on the REMOVE PRESETS option. You will need to be under the PRESET group you want to adjust first (FM1>FM2>FM3). Using this feature allows you to remove saved stations on the unit. Once selected, use the rotary encoder to select the PRESET number (1-6) of the station you want removed.

**FM**

Press the encoder button to access the FM PRESET options (FM1>FM2>FM3). Using this feature allows you to have separate tuner preset groups to choose from. Use the rotary encoder button to scroll through the TUNER groups and press to select the group.

**AUTO STORE**

Press the encoder button to access the AUTO STORE function. You will need to be under the PRESET group you want to adjust first (FM1>FM2>FM3). This feature automatically stores presets on the unit. It will stop when presets 1-6 are set. Select the next PRESET group and repeat to fill next set.

**LOCAL**

Press the encoder button to access the LOCAL options. Once selected, use the rotary encoder to select ON or OFF. The local option tunes to nearby radio stations with sufficiently strong

# Operation

signals for good reception. In areas where reception is poor, switching to distance tuning enables the unit to tune in to more distant stations. Distance tuning is the default.

## AM BAND SETTINGS

To access the AM BAND SETTINGS, press the MENU when using the AM TUNER source. This will give you access to the settings specific to the AM TUNER (AM>PRESETS>ADD PRESETS>REMOVE PRESETS>AUTO STORE>LOCAL).

### PRESETS

Press the encoder button to access the PRESETS list. Using this feature allows you to see what PRESETS are saved on the unit.

### ADD PRESETS

Press the encoder button on the ADD PRESETS option. You will need to be on both the station and PRESET group you want to add first (AM1>AM2). Using this feature allows you to save stations to the unit. Once selected, use the rotary encoder to select the PRESET number (1-6) you want the station saved to.

### REMOVE PRESETS

Press the encoder button on the REMOVE PRESETS option. You will need to be under the PRESET group you want to adjust first (AM1>AM2). Using this feature allows you to remove saved stations on the unit. Once selected, use the rotary encoder to select the PRESET number (1-6) of the station you want removed.

### AM

Press the encoder button to access the FM PRESET options (AM1>AM2). Using this feature allows you to have separate tuner preset groups to choose from. Use the rotary encoder button to scroll through the TUNER groups and press to select the group.

### AUTO STORE

Press the encoder button to access the AUTO STORE function. You will need to be under the PRESET group you want to adjust first (AM1>AM2). This feature automatically stores presets on the unit. It will stop when presets 1-6 are set. Select the next PRESET group and repeat to fill next set.

### LOCAL

Press the encoder button to access the LOCAL options. Once selected, use the rotary encoder to select ON or OFF. The local option tunes to nearby radio stations with sufficiently strong signals for good reception. In areas where reception is poor, switching to distance tuning enables the unit to tune in to more distant stations. Distance tuning is the default.

To skip a track forward, press the FWD button. To skip a track backwards, press the REV button.

To access USB specific settings, press the MENU button for the list of settings (BROWSER>REPEAT>SHUFFLE). Use the encoder to select the option to change.

## BROWSER

Press the encoder button to access the BROWSER options (PLAY LISTS>ARTISTS>ALBUMS>GENRES>SONGS>COMPOSERS>AUDIO BOOKS>PODCASTS). Using this feature allows you to search for tracks or songs by different types of categories.

To page/down, use the track forward and track backwards buttons.

## REPEAT

Press the encoder button to access the REPEAT feature options (OFF>ONE>ALL).

## SHUFFLE

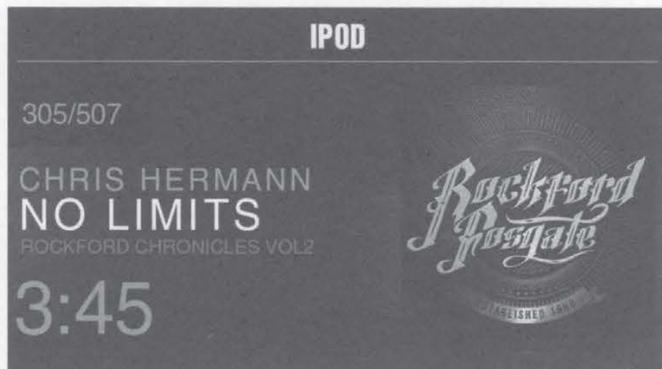
Press the encoder button to access the SHUFFLE feature options (OFF>ALL). This feature allows you to set your preference on shuffling tracks or songs.



## AUX Operation

After your device is plugged into the source unit, this feature allows you to play music from your device. Select the AUX source option on the source unit and use your plugged in device to control song/track selection, PLAY/PAUSE and track skip FWD/REV.

Note: For use with USB or AUX input, an optional auxiliary input port (part# PAUX or PMX-USBP(USB only)) may be mounted in the fairing or a storage pocket.



## USB (iPod) Operation

After your device is connected to the source unit, this feature allows you to control playback from your device directly from the source unit. Select the USB source option on the source unit.

To play or pause a song, press the PLAY/PAUSE button.



### Bluetooth® Operation

After your device is paired to the source unit, this feature allows you to control playback from your device directly from the source unit. Select the BLUETOOTH source option on the source unit.

To play or pause a song, press the PLAY/PAUSE button.

To skip a track forward, press the FWD button. To skip a track backwards, press the REV button.

To access BLUETOOTH specific settings, press the MENU button for the list of settings (BROWSER>REPEAT>SHUFFLE). Use the encoder to select the option to change.

#### BROWSER

Press the encoder button to access the BROWSER options (PLAY LISTS>ARTISTS>ALBUMS>GENRES>SONGS>COMPOSERS>AUDIO BOOKS>PODCASTS). Using this feature allows you to search for tracks or songs by different types of categories.

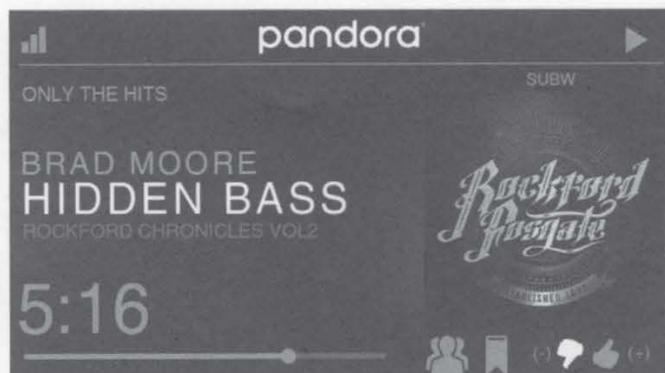
#### REPEAT

Press the encoder button to access the REPEAT feature options (OFF>ONE>ALL). This feature allows you to set your preference on the amount of times a track or song will repeat.

#### SHUFFLE

Press the encoder button to access the SHUFFLE feature options (OFF>ALL). This feature allows you to set your preference on shuffling tracks or songs.

NOTE: When the device is initially paired, the volume on the device will be roughly at half volume. You will need to turn the volume all the way up on the connected device prior to level setting. The device will remain at maximum volume after initially setting and when it re-pairs to the source unit.



### Pandora®

This feature allows you to control the Pandora® app from the source unit directly (Android users will have to use Bluetooth only, iOS users can use both USB and Bluetooth). You will need to start the Pandora® app on your device first, then select the Pandora® source option on the source unit. To use the “Thumbs Up” feature, press and hold the SUB+ button. To use the “Thumbs down” feature, press and hold the SUB - button.

To play or pause a song, press the PLAY/PAUSE button.

To skip a track forward, press the FWD button.

To access Pandora® specific settings, press the MENU button for the list of settings (STATIONS>BOOKMARKS>STATIONS MANAGE). Use the encoder to select the option to change.

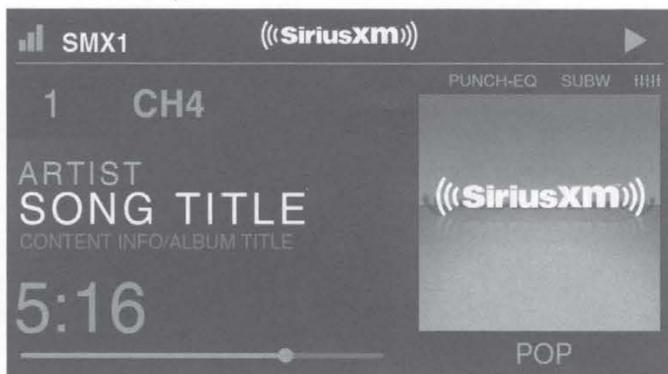
#### STATIONS

To adjust, press the encoder button to access. Rotate the encoder button to select your options (SHUFFLE>SORT DATE/A-Z>STATIONS). Selecting the SHUFFLE option will shuffle your stations and selecting the SORT feature will sort your stations by date added or alphabetically. You can also select your saved stations directly from this list.

#### BOOKMARKS

To BOOKMARK an artist or track that is playing, press the encoder button to display your BOOKMARK options (ARTIST>TRACK). Select the option you wish to use for bookmarking.

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## SiriusXM® (US and Canada only)

Only SiriusXM® brings you more of what you love to listen to, all in one place. Get over 140 channels, including commercial-free music plus the best sports, news, talk, comedy and entertainment. Welcome to the world of satellite radio. A SiriusXM Connect Tuner and Subscription are required. For more information, visit [www.siriusxm.com](http://www.siriusxm.com)

### ACTIVATING YOUR SiriusXM SUBSCRIPTION

After installing your SiriusXM Connect Tuner and antenna, power on your source unit and select SiriusXM mode. You should be able to hear the SiriusXM Preview channel on Channel 1. If you cannot hear the preview channels, please check the installation instructions to make sure your SiriusXM Connect Twuner is properly installed.

After you can hear the Preview channel, tune to Channel 0 to find the Radio ID of your tuner. In addition, the Radio ID is located on the bottom of the SiriusXM Connect Tuner and its packaging. You will need this number to activate your subscription. Write the number down for reference.

Note: the SiriusXM Radio ID does not include the letters I, O, S or F.

In the USA, you can activate online or by calling SiriusXM Listener care:

- Visit [www.siriusxm.com/activatenow](http://www.siriusxm.com/activatenow)
- Call SiriusXM Listener Care at 1-866-635-2349

For Canadian Subscriptions, please contact:

- Visit [www.siriusxm.ca/activatexm](http://www.siriusxm.ca/activatexm)
- Call XM Customer Care at 1-877-438-9677

As part of the activation process, the SiriusXM satellites will send an activation message to your tuner. When your radio detects that the tuner has received the activation message, your radio will display: "Subscription Updated". Once subscribed, you can tune to channels in your subscription plan. Note, the activation process usually takes 10 to 15 minutes, but may take up to an hour. Your radio will need to be powered on and receiving the SiriusXM signal to receive the activation message.

### SETTINGS

To access the SiriusXM SETTINGS, press the MENU when using the SiriusXM source. This will give you access to the settings specific to SiriusXM (SXM>PRESETS>ADD PRESETS>REMOVE PRESETS>CHANNELS>CATEGORY).

#### SiriusXM PRESET BANDS (SXM)

Press the encoder button to access the SiriusXM PRESET options (SXM1>SXM2>SXM3). Using this feature allows you to have separate satellite preset groups to choose from. Use the FWD and REV buttons to scroll through the TUNER groups.

#### PRESETS

Press the encoder button to access the PRESETS list. Using this feature allows you to see what PRESETS are saved on the unit.

#### ADD PRESETS

Press the encoder button on the ADD PRESETS option. You will need to be on both the channel and PRESET group you want to add first (SXM1>SXM2>SXM3). Using this feature allows you to save channels to the unit. Once selected, use the rotary encoder to select the PRESET number (1-6) you want the channel saved to.

#### REMOVE PRESETS

Press the encoder button on the REMOVE PRESETS option. You will need to be under the PRESET group you want to adjust first (SXM1>SXM2>SXM3). Using this feature allows you to remove saved channels on the unit. Once selected, use the rotary encoder to select the PRESET number (1-6) of the channel you want removed.

#### CHANNEL

Press the encoder button on the CHANNEL option to select this feature. This feature displays a complete listing of channels.

#### CATEGORY

Press the encoder button on the CATEGORY option to select this feature. This feature allows you to search channels based on their CATEGORY type.

#### DIRECT TUNING

Press the encoder button on the DIRECT TUNING option to select this feature. This feature allows you to directly tune to a channel if you already know the channel number. Rotate the encoder until you reach the desired numeral and press to enter your selection. Repeat until the channel number is completed.

#### PARENTAL CONTROLS

Press the encoder button on the PARENTAL CONTROL option to select this feature. This feature allows you to easily lock and unlock channels with mature content. To turn this feature on, press the encoder on PARENTAL CONTROLS to select. You will be asked to enter a code to activate it. Enter "1111" for your code. Once the code is entered correctly, this will give you access to the PARENTAL CONTROL features (LOCK CHANNELS>CHANGE MY CODE). Use the encoder knob to scroll through the options and press to select.

#### LOCK CHANNELS

Press the encoder button on the LOCK CHANNELS option to select this feature. This feature allows you to select certain channels to be locked out for listening. When trying to listen to locked channels, you will need to enter the correct access code to listen to them. Use the rotary encoder to input code.

#### CHANGE MY CODE

Press the encoder button on the CHANGE MY CODE option to reset the PARENTAL CONTROL access code. Use the rotary encoder to input the code.

Phone Control		PMX-HD9813 Control									
		USB/MP3/WMA		AUX-IN		iPhone/iPod		BT Audio		SiriusXM	
Short Press	Long Press	Short Press	Long Press	Short Press	Long Press	Short Press	Long Press	Short Press	Long Press	Short Press	Long Press
Volume +	Ramp Volume +	Volume +	Ramp Volume +	Volume +	Ramp Volume +	Volume +	Ramp Volume +	Volume +	Ramp Volume +	Volume +	Ramp Volume +
Volume -	Ramp Volume -	Volume -	Ramp Volume -	Volume -	Ramp Volume -	Volume -	Ramp Volume -	Volume -	Ramp Volume -	Volume -	Ramp Volume -
Play / Pause	Hands Free *	Play / Pause (Enter)		MUTE (Enter)		Play / Pause (Enter)		MUTE (Enter)		MUTE (Enter)	
Previous	Rewind	Previous	Rewind	Previous	Rewind	Previous	Rewind	Previous	Rewind	Previous	Rewind
Next	Fast Forward	Next	Fast Forward	Next	Fast Forward	Next	Fast Forward	Next	Fast Forward	Next	Fast Forward
Call Answer * / Call Hang Up *	Call Reject * / Siri *	SRC / Power On	Power Off	SRC / Power On	Power Off	SRC / Power On	Power Off	SRC / Power On	Power Off	SRC / Power On	Power Off

\* iOS Only

# Troubleshooting

Symptom / Advisory	Diagnosis	Remedy
<b>Basic</b>		
Source unit does not turn on.	Blown fuse	Check fuse of the unit, replace with correct rating.
	Motorcycle's ignition is off	If connected following the instructions, the unit will not operate with ignition off.
	Voltage applied to Red wire is not between 10.5 & 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 service center.
	Unit is not properly grounded	Check wiring and repair as necessary.
<b>Radio Tuner</b>		
Tuner fails to tune any stations	No antenna or disconnected or open connection in cable	Check all connections and repair as necessary.
Unable to tune stations in seek mode	You are in a weak signal area	Make sure the tuner LOC mode is off. Add optional antenna (part # PMX-ANT)
<b>USB Devices</b>		
USB device cannot be inserted	The USB device has been inserted in the wrong direction	Reversing the connection direction of the USB device, try reinserting.
	The USB device connector is broken	Replace with a new USB device.
USB device is not recognized	The USB device is damaged	Disconnect USB device and reconnect. If the device is still not recognized, try replacing with a different USB device. USB does not work with Android devices.
	Connectors are loose	
No sound heard with the display "No File" shown	No MP3/WMA files are stored on the USB device	Store these files properly on the USB device. USB does not work with Android devices.
Sound skips or is noisy	MP3/WMA files are not created properly	Use MP3/WMA files that are encoded correctly.
<b>AUX</b>		
MP3 is not playing back	Writing error occurred. The MP3 format is not compatible.	Make sure MP3 has been written in a supported format
<b>Bluetooth</b>		
Bluetooth source volume is lower than other sources	Bluetooth from device is not at maximum volume	Turn the volume on the device to maximum level

SiriusXM		
Check Antenna	The radio has detected a fault with the SiriusXM antenna. The antenna cable may be either disconnected or damaged.	<p>Verify that the antenna cable is connected to the SiriusXM Connect Tuner</p> <p>Inspect the antenna cable for damage and kinks. Replace the antenna if the cable is damaged.</p> <p>SiriusXM products are available at your local car audio retailer or online at <a href="http://www.shop.siriusxm.com">www.shop.siriusxm.com</a></p>
Check Tuner	The radio is having difficulty communicating with the SiriusXM Connect Tuner. The tuner may be disconnected or damaged.	Verify that the SiriusXM Connect Tuner cable is securely connected to the radio
No Signal	The SiriusXM Connect Tuner is having difficulty receiving the SiriusXM satellite signal.	<p>Verify that your vehicle is outdoors with a clear view of the sky.</p> <p>Verify that the SiriusXM magnetic mount antenna is mounted on a metal surface on the outside of the vehicle.</p> <p>Move the SiriusXM antenna away from any obstructions.</p> <p>Inspect the antenna cable for damage and kinks.</p> <p>Consult the SiriusXM Connect Tuner installation manual for more information on antenna installation. Replace the antenna if the cable is damaged. SiriusXM products are available at your local car audio retailer or online at <a href="http://www.shop.siriusxm.com">www.shop.siriusxm.com</a>.</p>
Subscription Updated	The radio has detected a change in your SiriusXM subscription status. Press the encoder button to clear the message.	Visit <a href="http://www.siriusxm.com">www.siriusxm.com</a> or call 866-635-2349 in the USA or 877-438-9677 in Canada if you have questions about your subscription.
Channel Not Available	The channel that you have requested is not a valid SiriusXM channel or the channel that you were listening to is no longer available. You may also see this message briefly when first connecting a new SiriusXM Connect Tuner.	Visit <a href="http://www.siriusxm.com">www.siriusxm.com</a> for more information about the SiriusXM channel lineup.
Channel Not Subscribed	The channel that you have requested is not included in your SiriusXM subscription package or the channel that you were listening to is no longer included in your SiriusXM subscription package.	Visit <a href="http://www.siriusxm.com">www.siriusxm.com</a> or call 866-635-2349 in the USA or 877-438-9677 in Canada if you have questions about your subscription package or would like to subscribe to this channel.
Channel Locked	The channel that you have requested is Locked by the radio Parental Control feature. See page 10 for more information on the Parental Control feature and how to access locked channels.	

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.

— Installation assistance available at: —

# RFTECH

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

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