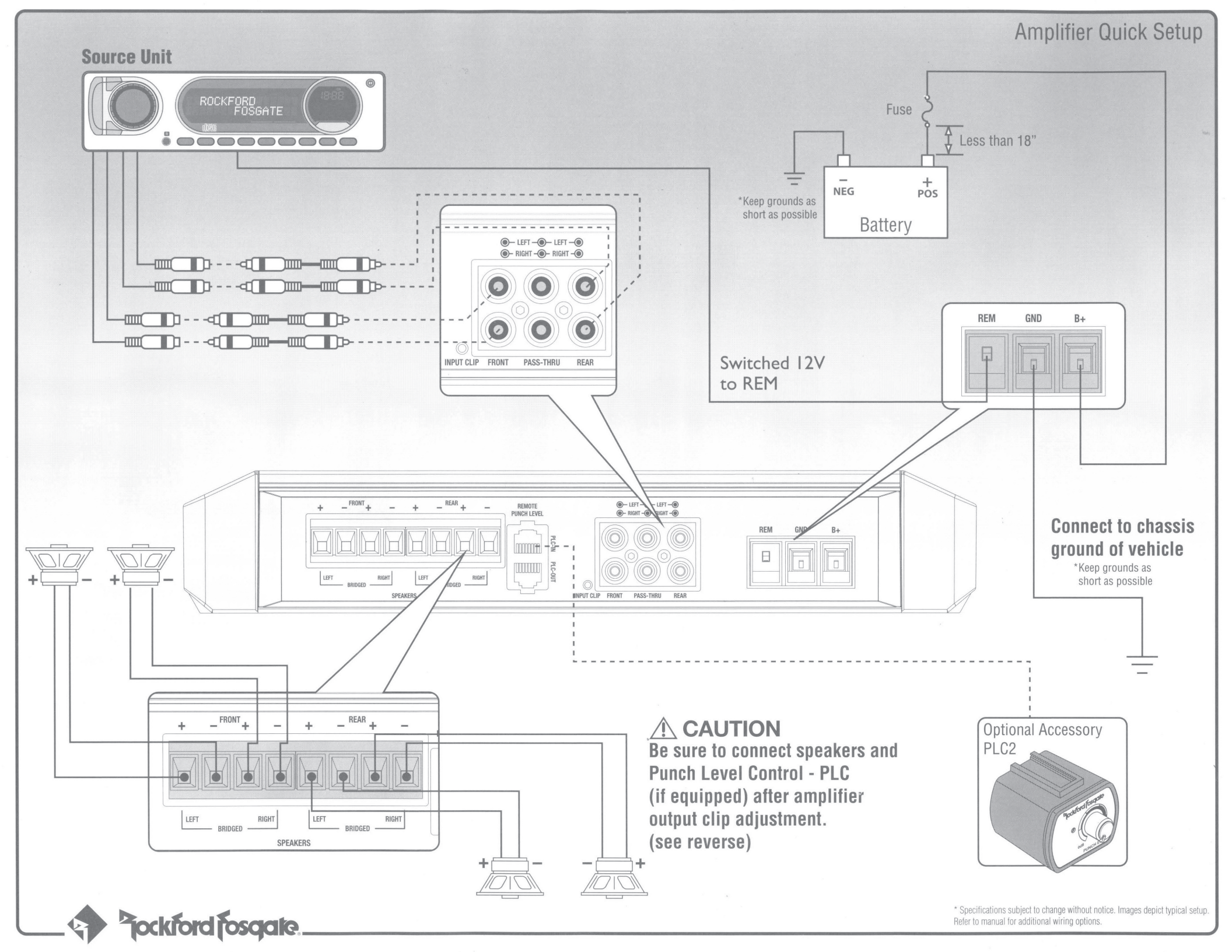
Amplifier Quick Setup



* Specifications subject to change without notice. Images depict typical setup. Refer to manual for additional wiring options.

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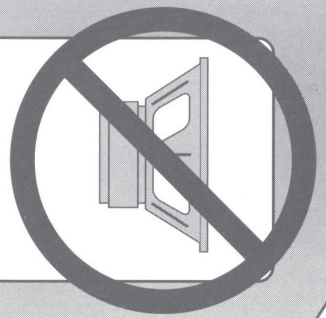
Step 1 - Input

Input Clip Indicator Setup

Be sure to disconnect all speakers from the amplifier.

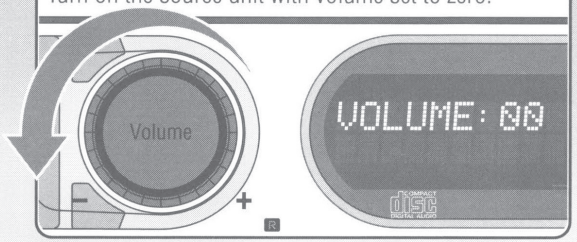
⚠ CAUTION

Failure to comply may cause damage to connected components and/or amplifier.



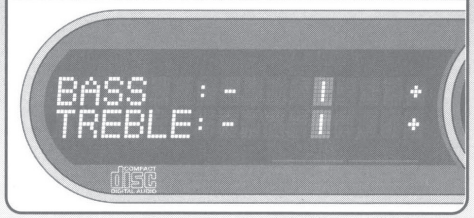
Step 2 - Input

Turn on the source unit with volume set to zero.



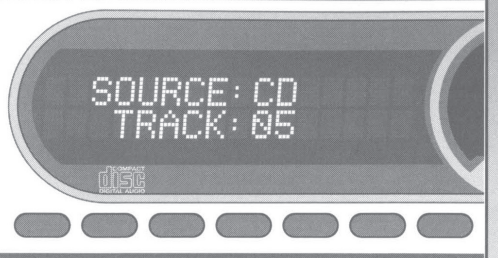
Step 3 - Input

Adjust the Bass & Treble levels on the source unit to flat.



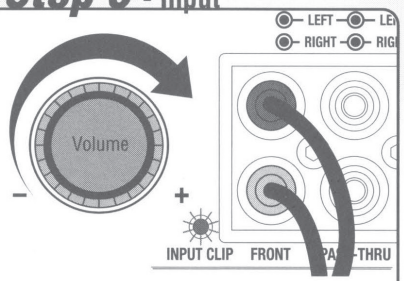
Step 4 - Input

Insert test tone or music CD to play for setup.



Note: Use the 40Hz @ 0dB tone (Track 5) for mono amplifier applications or the 1kHz @ 0dB tone (Track 7) for multi-channel amplifier applications. Be sure your x-over is switched to the appropriate filter setting.

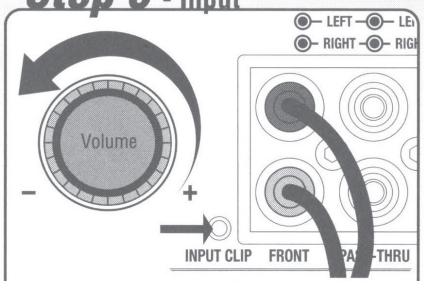
Step 5 - Input



Increase the source unit volume until the Input Clip Indicator illuminates red.

Note: Input Clip can be viewed remotely with optional PLC2.

Step 6 - Input



Decrease the source unit volume slightly until the light turns completely off. This establishes your maximum source unit volume for adjusting the Output Clip Indicator.

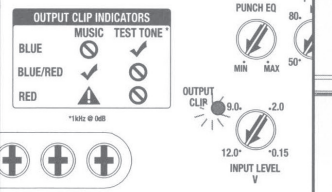
Note: Some source units will not clip.

Step 7 - Output

Be sure to disconnect Punch Level Control - PLC (if equipped) from the amplifier.

Step 8 - Output

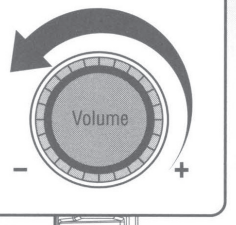
Output Clip Indicator Setup



Adjust the Input Level knob until the Output Clip Indicator illuminates to the appropriate color. Repeat for all channel levels of input.

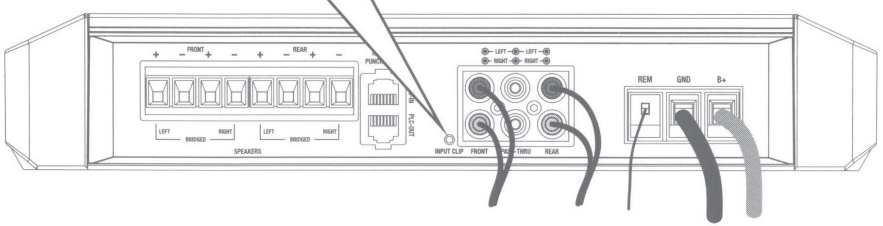
Step 9 - Output

Turn the source unit volume down.



Step 10 - Output

Reconnect all speakers and Punch Level Control - PLC (if equipped) to the amplifier. Be sure to maintain proper speaker polarity.



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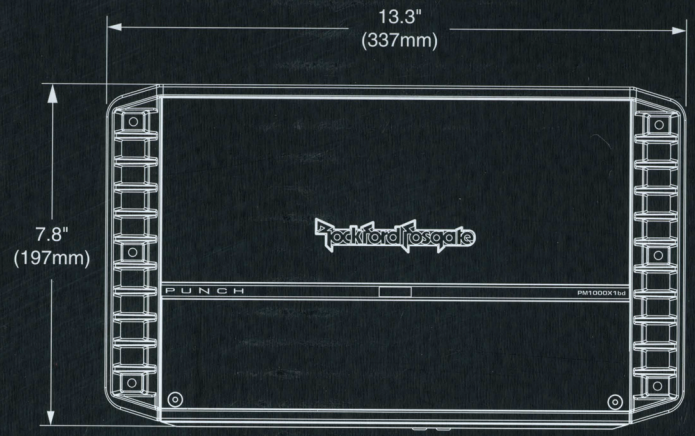
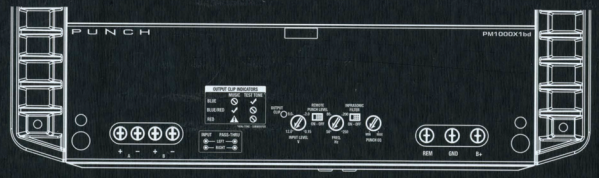
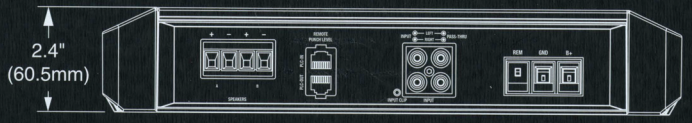
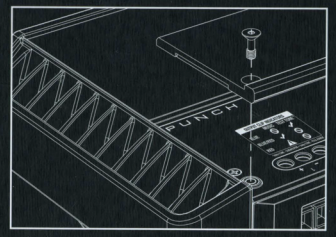
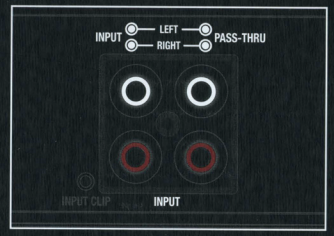




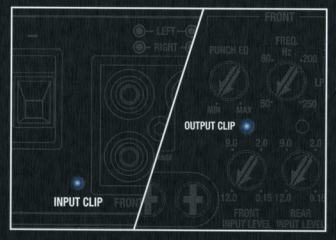




Stealth Top Mounted Control Panel



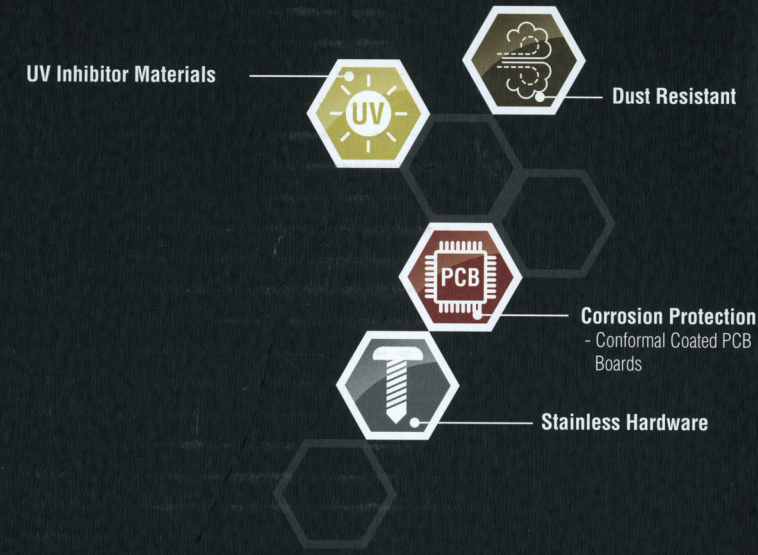
High Level Input Capable with Auto Turn On Circuit
(With Optional Accessory RFI2SW)



Input & Output Level Clip Indicators

ELEMENT READY

Rockford's Element Ready product line takes into account the effects of the enviroment and takes measures to ensure lasting performance.



PM1000X1bd

1000 Watt Mono Amplifier

- Rated Power:
  300x1 @ 4 ohm, 600x1 @ 2 ohm, 1000x1 @ 1 ohm
- Crossover: 12dB/Oct Butterworth
- Crossover Frequency: Variable 50Hz-250Hz LP
- Punch EQ: 0-18dB @ 45Hz
- Power Terminals: 4 AWG

CLASS D · DTM · MEHSA · NOMAD · clean

Rockford Fosgate

Designed and Engineered in Tempe, AZ. U.S.A.
Made In Thailand

PM1000X1bd

Manufacture Date:2015-02-23

PM1000X1BD

Rockford Fosgate Tempe, AZ, United States
Made in Thailand

1315-59346-01

SETUP DISC

Rockford Fosgate

rockfordfosgate.com · 800.669.9899

AUDIO TRACKS

1. 3Sixty Level Set
2. 3Sixty OEM Integration
3. Left/Right/Center Channel ID
4. Polarity Pulses
5. 40Hz / 0dB
6. 400Hz / 0dB
7. 1kHz / 0dB
8. 4kHz / 0dB
9. 40Hz / -5dB
10. 400Hz / -5dB
11. 1kHz / -5dB
12. 4kHz / -5dB
13. 40Hz / -10dB
14. 400Hz / -10dB
15. 1kHz / -10dB
16. 4kHz / -10dB
17. 40Hz / -15dB
18. 400Hz / -15dB
19. 1kHz / -15dB
20. 4kHz / -15dB
21. Slow Sine Sweep 20Hz – 200Hz
22. Slow Sine Sweep 200Hz – 2kHz
23. Slow Sine Sweep 2kHz – 20kHz
24. Log Swept Chirp
25. Uncorrelated Pink Noise
26. Correlated Pink Noise
27. All Bits High

CD-ROM CONTAINS:

Product Manual(s)

1600-58530-01

7 80687 34395 8

Rockford Fosgate Tempe, AZ, United States

COMPACT disc DIGITAL DATA

SETUP DISC

1. 3Sixty Level Set
2. 3Sixty OEM Integration
3. Left/Right/Center Channel ID
4. Polarity Pulses
5. 40Hz / 0dB
6. 400Hz / 0dB
7. 1kHz / 0dB
8. 4kHz / 0dB
9. 40Hz / -5dB
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11. 1kHz / -5dB
12. 4kHz / -5dB
13. 40Hz / -10dB
14. 400Hz / -10dB
15. 1kHz / -10dB
16. 4kHz / -10dB
17. 40Hz / -15dB
18. 400Hz / -15dB
19. 1kHz / -15dB
20. 4kHz / -15dB
21. Slow Sine Sweep 20Hz–200Hz
22. Slow Sine Sweep 200Hz–2kHz
23. Slow Sine Sweep 2kHz–20kHz
24. Log Swept Chirp
25. Uncorrelated Pink Noise
26. Correlated Pink Noise
27. All Bits High

CD-ROM

Product Manual(s)

Rockford Fosgate

COMPACT disc DIGITAL DATA

rockfordfosgate.com • 600 S. Rockford Drive • Tempe, AZ 85281 • 1-800-669-9899

CERTIFICATE OF PERFORMANCE VERIFICATION

Rockford Fosgate

Model #:	PM1000X1BD	Serial #:	[redacted]	Birth Date:	02/23/2015	Test System:	RF-RATS-2

SYSTEM OPERATION

Idle Current
Measure Current Draw at Idle

A	PASS

Bias
Set Output Channel Bias

CH1	N/A	CH2	N/A	CH3	N/A	CH4	N/A

DC Offset
Check for No DC Voltage on Outputs

CH1	.019	CH2	N/A	CH3	N/A	CH4	N/A	CH5	N/A

Dark Current
Current Draw < 100uA

A	PASS

System Voltage
Check System Reference Voltages

V1	2.844	V2	5.016

High Rail Voltage
Check Amplifier Rail Voltages

V1	65.99	V2	N/A	V3	N/A

Low Rail Voltage
Check Amplifier Rail Voltages

V1	16.18	V2	-16.56

Gain Tracking
Check Gain Tracking Between Channels (dB)

CH1	N/A	CH2	N/A	CH3	N/A	CH4	N/A

SIGNAL

Frequency Response
20Hz-20kHz Sweep @ 1W RMS

CH1	PASS	CH2	N/A	CH3	N/A	CH4	N/A	CH5	N/A

Remote Level & 2/4/5 Ch. Select Check
20Hz-20kHz Sweep @ 1W RMS

CH1	PASS	CH2	N/A	CH3	N/A	CH4	N/A	CH5	N/A

Common Mode Rejection Rated
20Hz-20kHz Sweep @ 1W RMS

CH1	PASS	CH2	N/A	CH3	N/A	CH4	N/A	CH5	N/A

Signal to Noise Ratio
20Hz-20kHz Sweep @ Rated RMS Power

CH1	PASS	CH2	N/A	CH3	N/A	CH4	N/A	CH5	N/A

Input Sensitivity
Check Sensitivity @ Minimum

CH1	PASS	CH2	N/A	CH3	N/A	CH4	N/A	CH5	N/A

High Pass Crossover Check
20Hz-20kHz Sweep @ 1W RMS

CH1	N/A	CH2	N/A	CH3	N/A	CH4	N/A	CH5	N/A

Low Pass Crossover & Punch EQ Check
20Hz-20kHz Sweep @ 1W RMS

CH1	PASS	CH2	N/A	CH3	N/A	CH4	N/A	CH5	N/A

Channel Separation from Left to Right
20Hz-20kHz Sweep @ Rated RMS Power

CH1	N/A	CH2	N/A	CH3	N/A	CH4	N/A	CH5	N/A

Total Harmonic Distortion
20Hz-20kHz Sweep @ 1W RMS (%)

CH1	0.191	CH2	N/A	CH3	N/A	CH4	N/A	CH5	N/A

Total Harmonic Distortion Rated (%)
20Hz-20kHz Sweep @ Rated RMS Power

CH1	0.116	CH2	N/A	CH3	N/A	CH4	N/A	CH5	N/A

RELIABILITY

Short Protect
Short All Channels Sequentially @ 1% THD

CH1	PASS	CH2	N/A	CH3	N/A	CH4	N/A	CH5	N/A

Burn-In Amplifier
Accelerated Life Monitor (45 sec. @ 1% THD)

CH	PASS	TH	PASS	V	PASS	BIAS	N/A	IR	PASS

Thermal Test
Thermistor Voltage Check

TH1	0.511	TH2	0.408	TH3	N/A	TH4	N/A	TH5	N/A

POWER

Channel Power
Individual Channel Power @ 1% THD @1 Ω

CH1	1477	CH2	N/A	CH3	N/A	CH4	N/A	CH5	N/A

Total Power
Total RMS Power @ Each Impedance @ 1% THD

4Ω	493	2Ω	895	1Ω	1477	2/1Ω	N/A

Total Power
Total RMS Power @ 1% THD

1477 watts

ALL Rockford Fosgate amplifiers are designed, developed, manufactured and tested in accordance with the CEA-2006 amplifier rating requirements. All tests conducted at 14.4Vdc, Min. Impedance, 1kHz(ab/ad) or 100Hz (bd) unless otherwise stated.

Amplifier Power Standard CEA CEA-2006 Compliant

Are You Engineered to Rock?

Get a One-Year Extended Warranty when you use a matching Rockford Fosgate Amplifier Installation kit with your Amplifier!

We want you to get the performance and reliability that made Rockford Fosgate Amplifiers famous. Using poor-quality under-spec wiring is a guaranteed way to get less than you paid for from your system.

We are so certain that getting your system wired to rock with the right wire and cables will make a difference, that we will give you an additional 1 year warranty on your amp when you use the matching amplifier installation kit. See your dealer to determine the matching kit for your amplifier.

To extend your warranty under this program attach the serial number sticker or UPC code removed from the original amplifier installation kit package in the box below. Keep this form along with your original purchase receipt.

One warranty extension per amplifier regardless of the number of amplifier kits purchased. Amplifier and wiring kit must be purchased at the same time.

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 Under the Extended Warranty Program
The amplifier must be returned by the customer (you) or an authorized Rockford Fosgate retailer with a copy of the original receipt and the ORIGINAL Performance Verification Certificate with the serial number or UPC code from the amp installation kit. Contact your Authorized Rockford Fosgate Dealer or our Customer Support Specialists (1-800-669-9899) for assistance.

EU Warranty
This product meets the current EU warranty requirements, see your Authorized dealer for details.
"This Additional One-Year Warranty" is only available where allowed under local laws.

Attach Amplifier Installation Kit Serial Number or UPC Code from original packaging here.