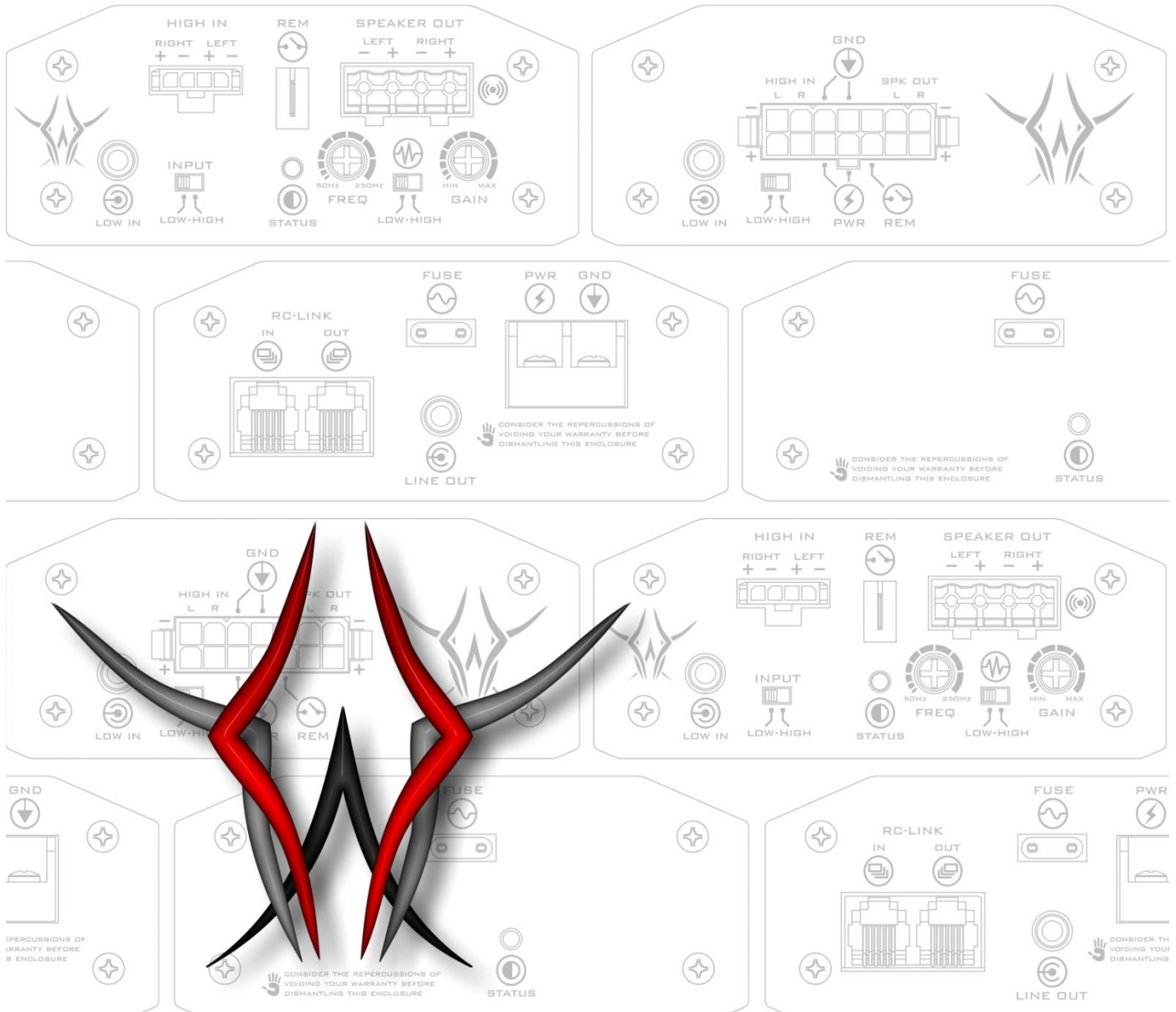


DESIGNED AND BUILT IN THE U.S.A.

**HAWG WIRED**

# RC 104

## RC-LINK™ REMOTE CONTROL



**INSTALLATION GUIDE**

## INTRODUCTION

CONGRATULATIONS! YOU'VE JUST PURCHASED WHAT WE CONSIDER TO BE THE FINEST MOTORCYCLE AUDIO EQUIPMENT AVAILABLE. WE TAKE PRIDE IN THE FACT THAT YOU'VE CHOSEN HAWG WIRED PRODUCTS, AND WELCOME YOU TO OUR FAMILY OF AUDIOPHILE ENTHUSIASTS. OUR GOAL HERE IS SIMPLE – TO BRING HIGH PERFORMANCE AUDIO FIDELITY TO YOU, THE RIDER, WITHOUT COMPROMISING YOUR BIKE'S ELECTRICAL SYSTEM OR STORAGE SPACE. SOME SIDE EFFECTS MAY OCCUR HOWEVER, INCLUDING BUT NOT LIMITED TO; PUZZLED LOOKS FROM OTHER MOTORISTS, OCCASIONAL SHOUTS FROM YOUR NEIGHBORS, AND THE ENVY OF YOUR FRIENDS. AFTER YEARS OF DESIGN AND ENGINEERING, CUSTOM CRAFTSMANSHIP, AND A CRAVE FOR CLEAN, CLEAR, LOUD MUSIC, WE BELIEVE WE'VE NAILED THIS STUFF DOWN RIGHT.



THANK YOU FOR YOUR SUPPORT  
THE HAWG WIRED TEAM

## SERIAL NUMBER

PLEASE RECORD THE MODEL AND SERIAL NUMBER(S) OF YOUR EQUIPMENT IN THE SPACE PROVIDED BELOW AS YOUR PERMANENT RECORD. THESE NUMBERS CAN BE FOUND ON THE FRONT AND/OR BOTTOM OF EACH COMPONENT. THIS WILL ASSIST US WITH YOUR FACTORY WARRANTY COVERAGE, AND MAY BE USEFUL TO YOU IN THE UNFORTUNATE EVENT THAT IT'S STOLEN.

| MODEL NUMBER(S): | SERIAL NUMBER(S): |
|------------------|-------------------|
|                  |                   |
|                  |                   |
|                  |                   |
|                  |                   |

## KIT CONTENTS

| KIT ITEMS INCLUDED (BY QUANTITY):               | RC104 |
|---|-------|
| RC104 REMOTE CONTROL MODULE                     | 1     |
| RC-LINK REMOTE CABLE (RJ12 TO RJ12 COILED)      | 1     |
| RC-LINK COMMUNICATION CABLE (RJ12 TO RJ12 FLAT) | 1     |
| PASS-THROUGH COUPLER (RJ12 TO RJ12)             | 1     |
| PASS-THROUGH COUPLER BRACKET                    | 1     |

## BEFORE YOU BEGIN













THIS SECTION IS INTENDED TO BRING YOU UP TO SPEED WITH OUR DOCUMENTATION CONVENTIONS. WE RECOMMEND READING THIS MANUAL THOROUGHLY BEFORE BEGINNING YOUR INSTALLATION TO ACHIEVE A TROUBLE FREE, LONG LASTING OUTCOME.

### TERMINOLOGY USED IN THIS MANUAL:

|                           |  |
|---------------------------|--|
| RC-LINK                   | REFERS TO THE PROPRIETARY BUS TECHNOLOGY THAT LINKS MULTIPLE AMPLIFIERS TO A SINGLE REMOTE CONTROL MODULE. THE GOODS YOU JUST PURCHASED.                                 |
| RC-LINK MODULE            | REFERS TO THE REMOTE CONTROL MODULE ITSELF. THE SMALL GREY AND BLACK BOX WITH BUTTONS AND LEDS THAT COMES WITH THIS KIT.   |
| POWER AMPLIFIER           | CS300, RS400, MASTER 2 CHANNEL AMPLIFIER THAT FUNCTIONS STANDALONE OR LINKED IN SERIES. IF YOU DON'T OWN ONE OF THESE, YOU'RE OUT OF LUCK.                               |
| RC-LINK CABLE             | RJ12 TO RJ12 CABLES THAT LINK THE REMOTE MODULE AND AMPLIFIERS TOGETHER. ONLY USE THE CABLES SUPPLIED WITH THIS KIT.   |
| LOW LEVEL LINK CABLE      | 3.5MM PHONO JACK CABLE THAT LINK TWO OR MORE AMPLIFIERS TO THE SAME INPUT SOURCE, ONLY USED IN MULTIPLE AMPLIFIER INSTALLATIONS.   |
| BATWING FAIRING           | HARLEY-DAVIDSON® TERM FOR THE FAIRINGS ON ELECTRA GLIDE (FLHT) MODELS, FORK MOUNTED, SINGLE HEADLIGHT STYLE.   |
| SHARKNOSE FAIRING         | HARLEY-DAVIDSON® TERM FOR THE FAIRINGS ON ROAD GLIDE (FLTR) MODELS, FRAME MOUNTED (FIXED), DUAL HEADLIGHT STYLE.   |
| MANUFACTURER INSTRUCTIONS | REFERS TO ANY DOCUMENTATION PROVIDED BY A MANUFACTURER OTHER THAN HAWG WIRED (IE. HARLEY-DAVIDSON® SHOP REPAIR MANUAL, AFTERMARKET SOURCE UNIT OR SPEAKER MANUAL, ETC.). |

### QUICK CONNECT SYMBOLS:

KEEP AN EYE OUT FOR THE “QUICK CONNECT” SYMBOLS THROUGHOUT THIS MANUAL; THEY PROVIDE A VISUAL LINK BETWEEN INSTRUCTIONS, DIAGRAMS, AND THE REMOTE CONTROL CONNECTIONS.

|             |   |  |
|-------------|---|--|
| RC-LINK IN  |  | RC-LINK INPUT PORT, REMOTE CONTROL OR AMPLIFIER LINKING        |
| RC-LINK OUT |  | RC-LINK OUTPUT PORT, AMPLIFIER LINKING                         |
| LINE-IN     |  | SOURCE INPUT, LOW LEVEL OR HIGH LEVEL INPUT                    |
| LINE-OUT    |  | LOW LEVEL OUTPUT, FEED FOR ADDITIONAL AMPLIFIER DEVICE LINKING |
| POWER       |  | BATTERY POSITIVE (+12VDC)                                      |
| FUSE        |  | ESSENTIAL PROTECTION FROM SHORTS                               |
| BAD         |  | BATTERY VOLTAGE DEAD, CHECK YOUR CHARGING SYSTEM               |
| OK          |  | BATTERY VOLTAGE OK BUT NOT GREAT, CHECK YOUR CHARGING SYSTEM   |
| GOOD        |  | BATTERY VOLTAGE GREAT, ALL IS WELL, RESUME AUDIO PLAYBACK      |
| CONFIGURE   |  | AMPLIFIER CONFIGURATION AND TEST (GAIN, CROSSOVERS, ETC.)      |
| TOOLS       |  | TOOLS REQUIRED, DISASSEMBLY OR REASSEMBLY WORK TO PERFORM      |
| CAUTION     |  | CAUTIONS, NOTES, TIPS, OR SPECIFIC INFORMATION TO BE AWARE OF  |

**NOTE:** IF ANYTHING ABOUT THE INSTRUCTION OR INFORMATION PROVIDED IN THIS MANUAL IS UNCLEAR, QUESTIONABLE, OR YOU THINK WE'RE DEAD WRONG ABOUT SOMETHING, PLEASE CONTACT US.

# INSTALLATION INSTRUCTIONS

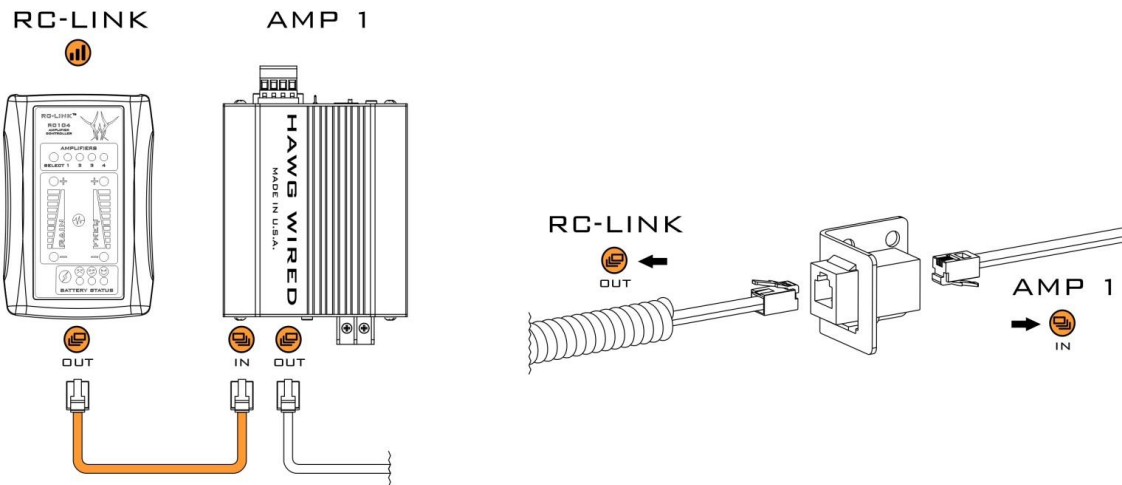
## RC-LINK CONTROL CONNECTIONS



FOR FAIRING REMOVAL AND RE-ASSEMBLY INSTRUCTIONS, REFER TO YOUR AMPLIFIER INSTALLATION MANUAL OR MANUFACTURER INSTRUCTIONS. AND WHILE YOU HAVE IT APART, TAKE A VISUAL INVENTORY OF YOUR INNER FAIRING. SECURING ANY LOOSE WIRES OR LOOMS WITH ZIP TIES.

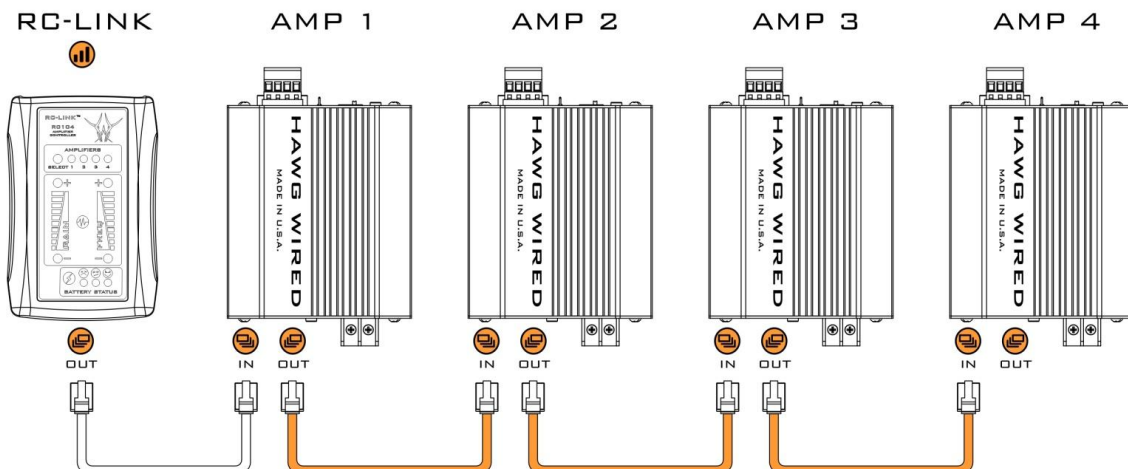


1. CHOOSE A LOCATION FOR THE LINK CABLE COUPLER AND MOUNT IT WHERE IT CAN BE ACCESSED WITH THE FAIRING COVER IN PLACE. CONNECT THE SUPPLIED FLAT LINK CABLE FROM THE BACK-SIDE OF THE COUPLER TO THE FIRST (OR ONLY) AMPLIFIER IN PORT.



2. MULTIPLE AMPLIFIER CONFIGURATIONS: CONNECT YOUR AMPLIFIERS TOGETHER USING THE SUPPLIED FLAT LINK CABLES IN THE ORDER IN WHICH YOU WANT THE AMPLIFIERS TO BE SELECTED BY THE REMOTE. NOTE THE **IN** AND **OUT** PORTS OF EACH AMPLIFIER, AND CONNECT THEM ACCORDING TO THE DIAGRAM BELOW.

**NOTE:** THE ORDER OF THE AMPLIFIERS IN YOUR CONFIGURATION AND HOW THEY RELATE TO THE DESIGNATIONS AMP1 – AMP4 AT THE REMOTE CONTROL MODULE IS ENTIRELY UP TO YOU.



## USER GUIDE

### REMOTE CONTROL OVERVIEW



#### AMPLIFIER STATUS OVERVIEW

THE RC-LINK REMOTE CONTROL HAS TWO BASIC MODES OF OPERATION WHEN CONNECTED TO THE RC-LINK PORT(S) OF YOUR AMPLIFIER(S); MONITOR AND PROGRAM. PRESSING THE AMPLIFIER SELECT BUTTON CYCLES BETWEEN THESE TWO MODES.

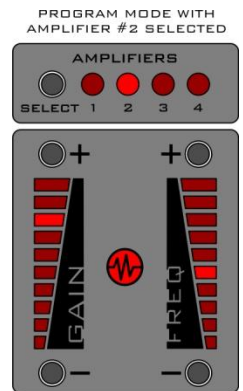
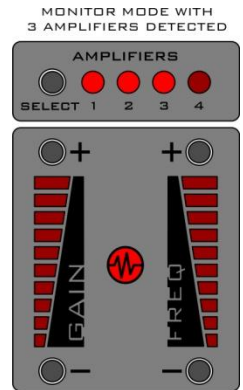
##### MONITOR MODE (DEFAULT POWER-UP MODE):

THE APPLICABLE AMPLIFIER LEDS WILL LIGHT UP FOR EACH AMPLIFIER DETECTED. THE LED CORRESPONDING TO EACH AMPLIFIER DETECTED WILL FLASH IF AN OVER-CURRENT, OVER-DRIVE (CLIPPING), OR OVER-TEMPERATURE CONDITION OCCURS. ALL DETECTED AMPLIFIERS WILL FUNCTION NORMALLY IN MONITOR MODE. GAIN AND FREQ LEDS WILL BE OFF.

##### PROGRAM MODE:

ONLY THE LED CORRESPONDING TO THE AMPLIFIER BEING PROGRAMMED WILL LIGHT UP, LEAVING ALL OTHER AMPLIFIER STATUS LEDS OFF. EACH AMPLIFIER NOT BEING PROGRAMMED IS ALSO ATTENUATED (MUTED), LEAVING ONLY THE CURRENTLY SELECTED AMPLIFIER FUNCTIONING NORMALLY FOR PROGRAMMING. THE LED CORRESPONDING TO THE AMPLIFIER BEING PROGRAMMED WILL STILL FLASH IF AN OVER-CURRENT, OVER-DRIVE (CLIPPING) OR OVER-TEMPERATURE CONDITION OCCURS DURING PROGRAMMING.

**NOTE:** ONCE THE REMOTE HAS ENTERED INTO PROGRAMMING MODE, THE ADJUSTMENT KNOBS ON EACH AMPLIFIER DETECTED WILL BE DISABLED, REGARDLESS OF WHETHER OR NOT ANY SETTINGS ARE CHANGED, AND WILL REMAIN DISABLED UNTIL EACH AMPLIFIER IS RESET MANUALLY (SEE **RESETTING THE AMPLIFIER(S)** IN THE **TEST AND TUNE** SECTION OF THIS MANUAL).



**WARNING:** USE ONLY HAWG WIRED PROVIDED RC-LINK CABLES AND COUPLERS. WHILE THEY RESEMBLE TYPICAL HOUSEHOLD PHONE WIRES, THEY ARE NOT. NO OTHER DEVICE OR CABLE SHOULD EVER BE CONNECTED TO THIS JACK, AND DOING SO COULD DAMAGE YOUR DEVICE AND VOID YOUR WARRANTY.

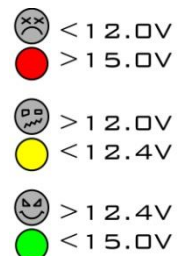


#### BATTERY STATUS OVERVIEW

THE RC-LINK REMOTE CONTROL HAS A BUILT-IN BATTERY MONITOR THAT REPORTS THE STATUS OF YOUR CHARGING SYSTEM.

##### BATTERY MONITOR (OPTIONAL):

WITH THE CIGARETTE LIGHTER ADAPTER CABLE CONNECTED TO THE REMOTE CONTROL MODULE, THE BATTERY STATUS LEDS INDICATE THE CURRENT STATE OF THE CHARGING SYSTEM. THE BATTERY STATUS MONITOR FUNCTIONS INDEPENDENT OF THE AMPLIFIER MODES, AND IS NOT REQUIRED FOR AMPLIFIER STATUS OR PROGRAMMING.



**WARNING:** USE ONLY HAWG WIRED PROVIDED CIGARETTE ADAPTER CABLES WITH THIS DEVICE. NO OTHER DEVICE OR CABLE SHOULD EVER BE CONNECTED TO THIS JACK AS POLARITY (+/-) AND POWER JACK SIZES MAY VARY. DOING SO COULD DAMAGE YOUR DEVICE AND VOID YOUR WARRANTY.

## USER GUIDE

### TEST AND TUNE



#### SETTING THE GAIN:

WITH THE REMOTE IN PROGRAMMING MODE AND THE DESIRED AMPLIFIER SELECTED, FOLLOW THESE STEPS TO SET THE GAIN CONTROL:

1. TURN THE GAIN CONTROL ALL THE WAY DOWN ( - BUTTON).
2. SET ALL **TONE** (BASS, TREBLE) AND **EQUALIZATION** CONTROLS (BALANCE, FADE) ON THE SOURCE UNIT TO “FLAT” OR “0”, AND TURN OFF “LOUD” OR “LOUDNESS”. IF A SEPARATE EQUALIZER IS USED, DISABLE OR SET ALL OF ITS CONTROLS TO “FLAT” OR “0”.
3. WHILE PLAYING A STANDARD NON-MP3 CD<sup>1</sup>, SET THE SOURCE UNIT'S VOLUME CONTROL TO 75% OF MAXIMUM LEVEL.
4. SLOWLY INCREASE GAIN ( + BUTTON) UNTIL YOU HEAR A SLIGHT DISTORTION OF THE AUDIO PLAYBACK. BACK OFF THE GAIN UNTIL THE DISTORTION GOES AWAY.



**WARNING:** SETTING THE GAIN TOO HIGH IN AN ATTEMPT TO GET “MORE VOLUME” CAN NOT ONLY CAUSE PREMATURE DISTORTION, BUT CAN ALSO DAMAGE YOUR SPEAKERS. IF YOUR SYSTEM CONFIGURATION RESULTS IN YOUR GAIN CONTROL BEING SET OUTSIDE THE TYPICAL RANGE AS INDICATED ABOVE, CALL US TO RESOLVE THE PROBLEM.



#### SETTING THE CROSSEVER:

WITH THE REMOTE IN PROGRAMMING MODE AND THE DESIRED AMPLIFIER SELECTED, FOLLOW THESE STEPS TO SET THE CROSSEVERS:

1. SET ALL **TONE** (BASS, TREBLE) AND **EQUALIZATION** CONTROLS (BALANCE, FADE) ON THE SOURCE UNIT TO “FLAT” OR “0”, AND TURN OFF “LOUD” OR “LOUDNESS”. IF A SEPARATE EQUALIZER IS USED, DISABLE OR SET ALL OF ITS CONTROLS TO “FLAT” OR “0”.
2. WHILE PLAYING A STANDARD NON-MP3 CD<sup>1</sup>, SET THE CROSSEVER FILTER TO THE DESIRED FREQUENCY, KEEPING IN MIND THAT TOO MUCH BASS AT HIGH VOLUMES CAN CAUSE PREMATURE DISTORTION AND SPEAKER FAILURE.



**NOTE<sup>1</sup>:** THIS IS THE PREFERRED AUDIO TESTING SOURCE METHOD, AS MP3, XM, FM, AND AM ALL HAVE SOME LEVEL OF COMPRESSION OR DEGRADATION INVOLVED, WHICH CAN LEAD TO VARYING RESULTS. IF THE PREFERRED METHOD IS NOT AVAILABLE, USE THE MOST COMMON PLAYBACK METHOD YOU USE WHILE RIDING.



#### RESETTING THE AMPLIFIER(S):

WITH THE REMOTE DISCONNECTED AND THE AMPLIFIER(S) FUNCTIONING NORMALLY, FOLLOW THESE STEPS TO RESET THE AMPLIFIER(S):

1. SET BOTH GAIN AND CROSSEVER KNOBS ON THE AMPLIFIER TO “MIN” OR “0”.
2. SLOWLY BEGIN TURNING UP THE GAIN KNOB TO MANUALLY ADJUST THE AMPLIFIER. THE AMPLIFIER IS NOW RESET. CONTINUE TUNING THE AMPLIFIER MANUALLY (REFER TO THE AMPLIFIER INSTALLATION GUIDE FOR MORE INFORMATION ON MANUALLY ADJUSTMENT).

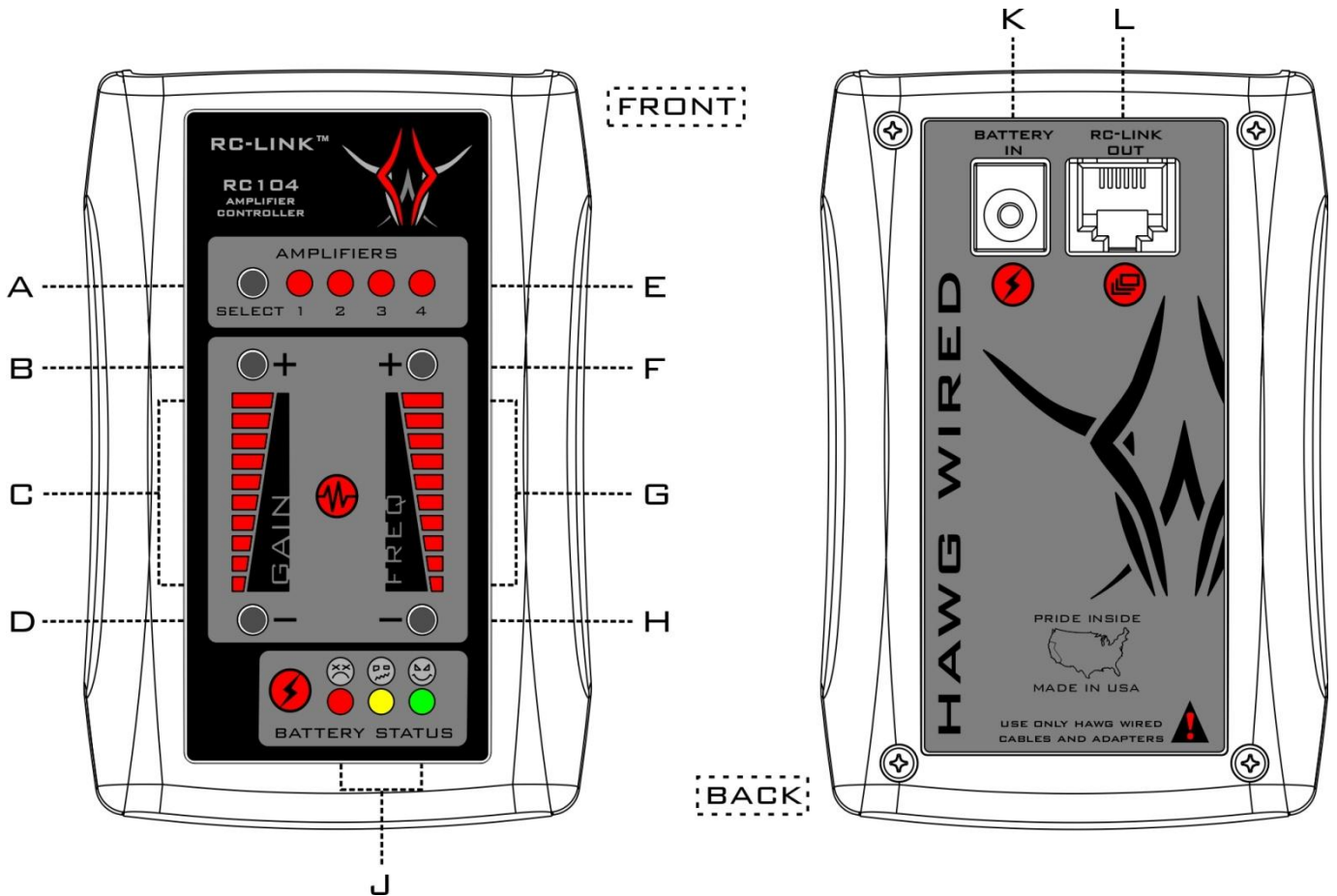


**NOTE:** IF YOU RECONNECT THE REMOTE MODULE AFTER MANUALLY ADJUSTING THE AMPLIFIER(S), THE REMOTE SETTINGS WILL ASSUME THE CURRENT MANUAL SETTINGS OF THE AMPLIFIER ADJUSTMENT KNOBS.

USER GUIDE [CONTINUED]

CONNECTORS AND CONTROLS

PLANNING YOUR SYSTEM CONFIGURATION IS THE FIRST STEP TOWARDS HI-FI HAPPINESS, SO IT’S TIME YOU GET FAMILIAR WITH ALL THE BELLS AND WHISTLES YOUR NEW SYSTEM HAS TO OFFER. THE TABLE BELOW LISTS THE CONTROLS AND CONNECTORS OF THE REMOTE CONTROL MODULE FOR REFERENCE.



|   |                    |   |                        |   |                           |
|---|--------------------|---|------------------------|---|---------------------------|
| A | AMPLIFIER SELECTOR | E | AMPLIFIER INDICATORS   | J | BATTERY STATUS INDICATORS |
| B | GAIN PLUS (UP)     | F | CROSSOVER PLUS (UP)    | K | BATTERY MONITOR JACK      |
| C | GAIN INDICATORS    | G | CROSSOVER INDICATORS   | L | RC-LINK OUTPUT PORT       |
| D | GAIN MINUS (DOWN)  | H | CROSSOVER MINUS (DOWN) |   |                           |

## USER GUIDE [CONTINUED]

### CONNECTORS DEFINED

**BATTERY INPUT JACK:**

THIS CONNECTOR ALLOWS THE REMOTE CONTROL MODULE TO MONITOR YOUR CHARGING SYSTEM AND PROVIDE FEEDBACK BASED ON THE VOLTAGE LEVEL. THIS CONNECTION IS OPTIONAL AND NOT REQUIRED FOR THE CONTROL MODULE TO FUNCTION. TYPICALLY USED FOR DIAGNOSTICS ONLY.

**WARNING:** USE ONLY HAWG WIRED PROVIDED CABLES AND WIRING. NO OTHER DEVICE OR CABLE SHOULD EVER BE CONNECTED TO THIS JACK. DOING SO COULD DAMAGE YOUR DEVICE AND VOID YOUR WARRANTY.

**RC-LINK OUTPUT PORT:**

THIS CONNECTOR PROVIDES THE INTERFACE TO THE AMPLIFIER(S) IN YOUR SYSTEM CONFIGURATION. IT CONNECTS TO THE FIRST (OR ONLY) AMPLIFIER RC-LINK IN PORT. EACH ADDITIONAL AMPLIFIER (IF APPLICABLE) CONNECTS IN A CHAIN LINK METHOD ACCORDING TO THE DIAGRAM IN THE INSTALLATION SECTION OF THIS MANUAL.

**WARNING:** USE ONLY HAWG WIRED PROVIDED CABLES AND WIRING. NO OTHER DEVICE OR CABLE SHOULD EVER BE CONNECTED TO THIS PORT. DOING SO COULD DAMAGE YOUR DEVICE AND VOID YOUR WARRANTY.

### CONTROLS DEFINED

**INPUT GAIN ADJUSTMENT:**

A COMMON MISCONCEPTION ABOUT GAIN ADJUSTMENT IS THAT “MORE GAIN = MORE VOLUME”. ACTUALLY, IT’S NOT THE VOLUME THAT’S BEING INCREASED, BUT RATHER THE AMPLIFIER’S SENSITIVITY TO THE SOURCE INPUT. BY INCREASING THE GAIN LEVEL, YOU’RE INCREASING HOW SENSITIVE THE AMPLIFIER IS TO THE SIGNAL IT RECEIVES FROM THE SOURCE UNIT. THIS IS WHY IT’S IMPORTANT TO SET THE GAIN PROPERLY, RATHER THAN SIMPLY TURNING THE KNOB UNTIL IT’S REALLY LOUD.



**WARNING:** SETTING THE GAIN TOO HIGH IN AN ATTEMPT TO GET “MORE VOLUME” CAN NOT ONLY CAUSE PREMATURE DISTORTION, BUT CAN ALSO DAMAGE YOUR SPEAKERS. IF YOUR SYSTEM CONFIGURATION RESULTS IN YOUR GAIN CONTROL BEING SET OUTSIDE THE TYPICAL RANGE AS INDICATED ABOVE, CALL US TO RESOLVE THE PROBLEM.

**CROSSOVER FILTER ADJUSTMENT:**

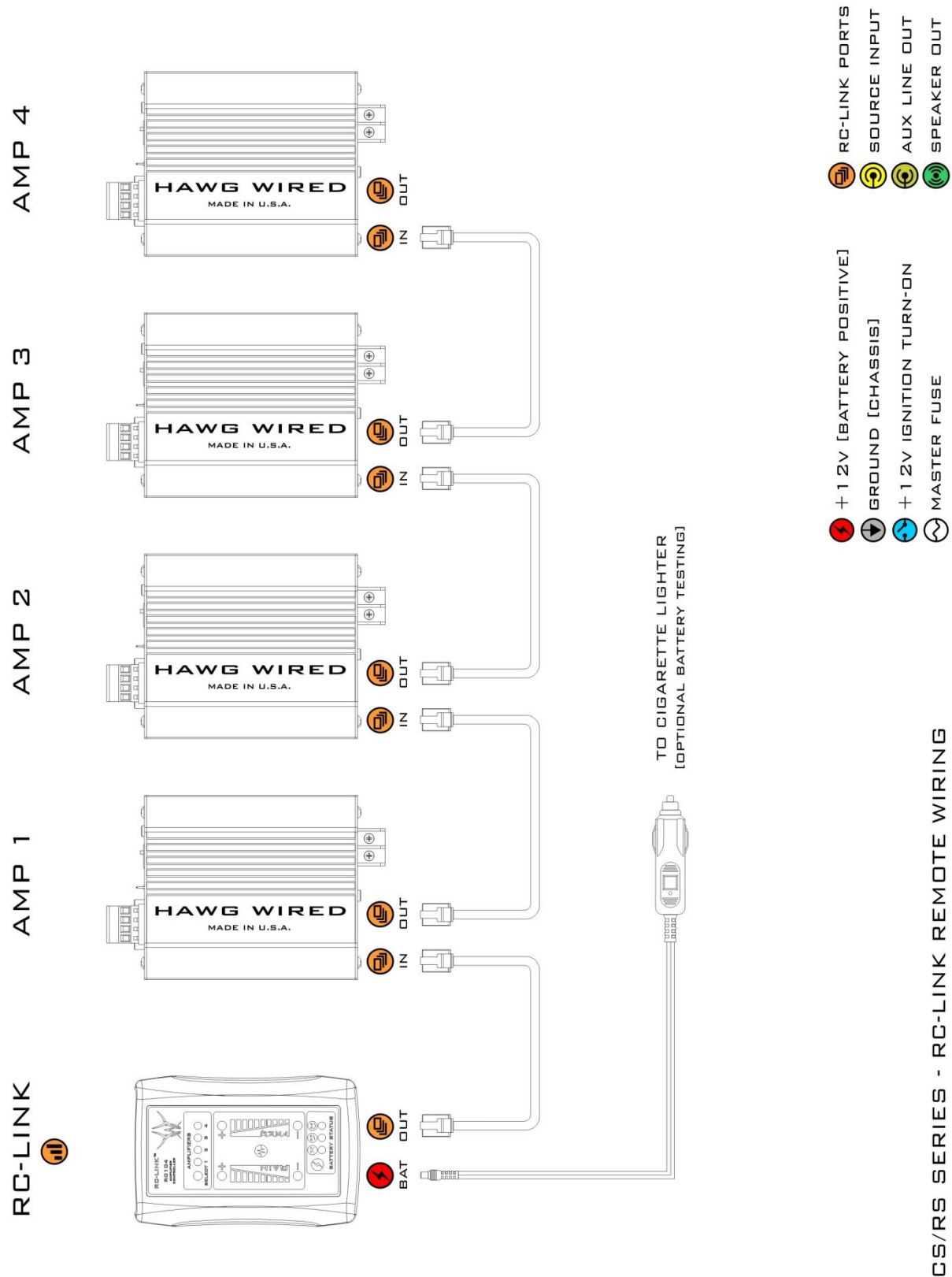
THE PURPOSE OF A CROSSOVER CIRCUIT IS TO FILTER OUT A SPECIFIC RANGE OF FREQUENCIES FROM A SPEAKER’S INPUT TO MAXIMIZE ITS PERFORMANCE. FOR A TWEETER, THE GOAL IS TO FILTER OUT LOW (BASS) RANGE FREQUENCIES TO MAXIMIZE THE HIGH RANGE (TREBLE) RESPONSE. CONVERSELY, FOR A SUBWOOFER, THE GOAL IS TO FILTER OUT THE HIGH AND MID RANGE FREQUENCIES, LEAVING ONLY LOW FREQUENCIES TO PLAY THROUGH THE WOOFER.

**DEFAULT:** WHEN USING ANY HAWG WIRED MID-RANGE OR TWEETER SPEAKERS, THE RECOMMEND SETTINGS ARE HIGH PASS MODE WITH THE FREQUENCY FILTER SET AT OR ABOVE 150HZ.

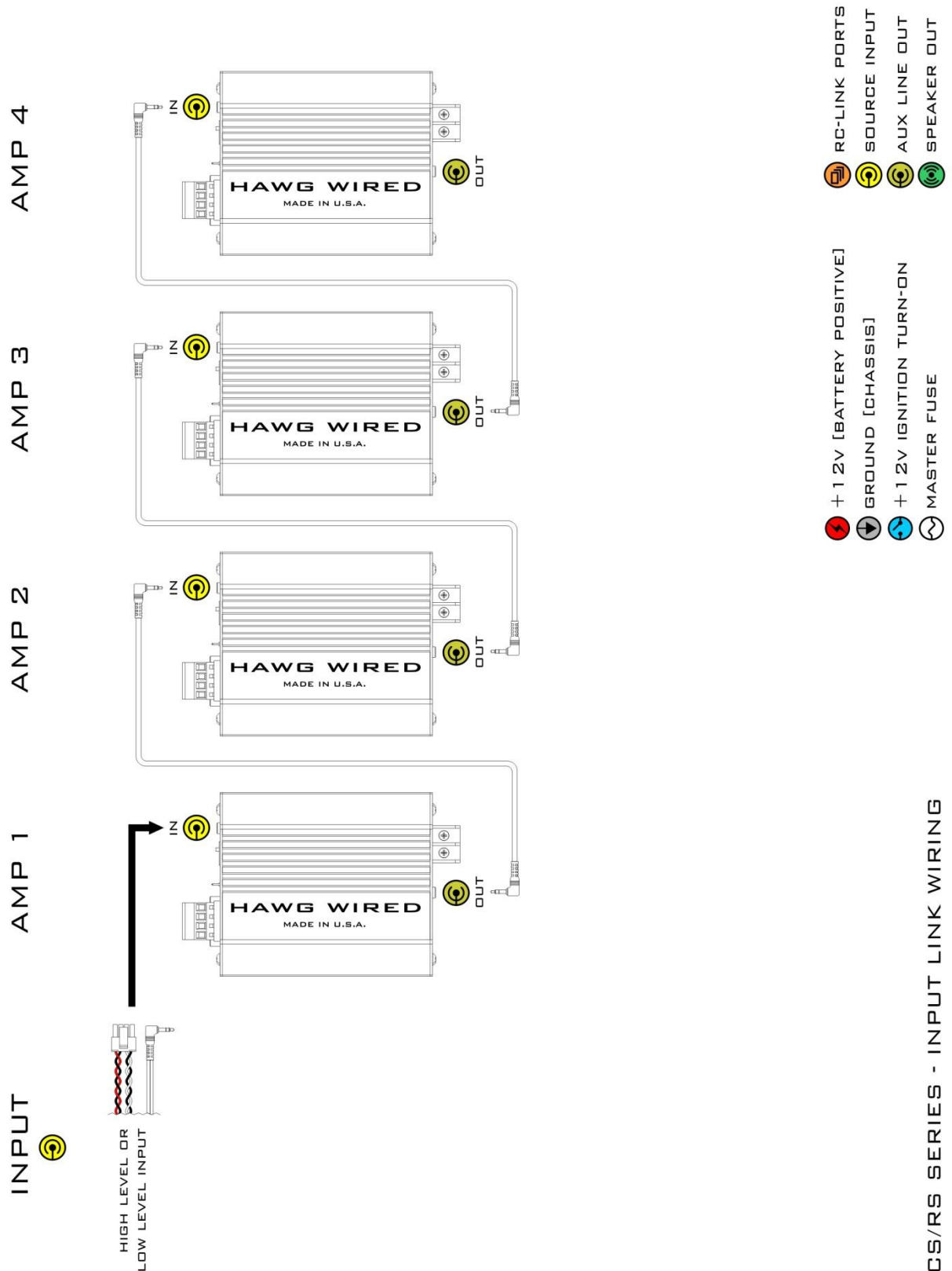


**WARNING:** SETTING THE CROSSOVER TOO LOW IN AN ATTEMPT TO GET “MORE BASS” CAN NOT ONLY CAUSE PREMATURE DISTORTION, BUT CAN ALSO DAMAGE YOUR SPEAKERS. IF YOUR SYSTEM CONFIGURATION RESULTS IN YOUR CROSSOVER CONTROL BEING SET ALL THE WAY UP OR DOWN, CALL US TO RESOLVE THE PROBLEM.

SYSTEM DIAGRAMS



## SYSTEM DIAGRAMS [CONTINUED]

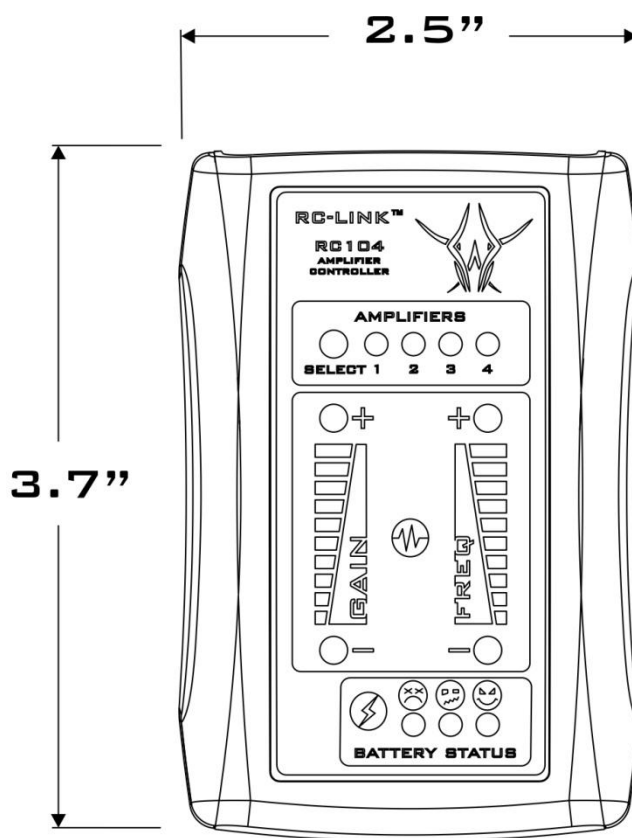


## SPECIFICATIONS

### RC104

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

AMPLIFIER CONTROL COUNT:..... UP TO 4 AMPLIFIERS  
FREQUENCY RESPONSE: ..... 10HZ-50KHZ  
ENCLOSURE DIMENSIONS: .....2.5" W X 3.70" L X 1.10" H



## RC104

DIMENSIONS IN INCHES

## WARRANTY INFORMATION

HAWG WIRED OFFERS A LIMITED WARRANTY OF OUR PRODUCTS ON THE FOLLOWING TERMS:

- **LENGTH OF WARRANTY**

1 YEAR ON AUDIO SYSTEMS, ELECTRONICS, SPEAKERS, AND ACCESSORIES (RECEIPT REQUIRED).

- **COVERAGE**

THIS WARRANTY COVERS ONLY THE ORIGINAL PURCHASER OF A HAWG WIRED PRODUCT PURCHASED FROM AN AUTHORIZED HAWG WIRED DEALER IN THE UNITED STATES. IN ORDER TO RECEIVE SERVICE, THE PURCHASER MUST PROVIDE HAWG WIRED WITH A COPY OF THE RECEIPT STATING THE CUSTOMER NAME, DEALER NAME, PRODUCT PURCHASED AND DATE OF PURCHASE.

- **DEFECTIVE PRODUCTS**

PRODUCTS FOUND TO BE DEFECTIVE DURING THE WARRANTY PERIOD WILL BE REPAIRED OR REPLACED (WITH A PRODUCT DEEMED TO BE EQUIVALENT) AT HAWG WIRED'S DISCRETION.

- **WHAT IS NOT COVERED**

DAMAGE CAUSED BY ACCIDENT, ABUSE, IMPROPER OPERATIONS, WATER, THEFT  
ANY COST OR EXPENSE RELATED TO THE REMOVAL OR REINSTALLATION OF PRODUCT  
SERVICE PERFORMED BY ANYONE OTHER THAN AN AUTHORIZED HAWG WIRED SERVICE CENTER  
ANY PRODUCT WITH THE SERIAL NUMBER OR TAMPER LABELS DEFACED, ALTERED, OR REMOVED  
SUBSEQUENT DAMAGE TO OTHER COMPONENTS  
ANY PRODUCT PURCHASED OUTSIDE THE U.S.  
ANY PRODUCT NOT PURCHASED FROM AN AUTHORIZED HAWG WIRED 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 HAWG WIRED ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THE PRODUCT.

- **HOW TO OBTAIN SERVICE**

PLEASE CALL 510.656.2999 FOR HAWG WIRED CUSTOMER SERVICE. YOU MUST OBTAIN A RETURN MATERIAL AUTHORIZATION NUMBER (RMA) TO RETURN ANY PRODUCT TO HAWG WIRED. YOU ARE RESPONSIBLE FOR SHIPPING CHARGES OF RETURNED PRODUCTS TO HAWG WIRED.

- **MADE IN THE USA**

OUR PRODUCTS ARE PROUDLY DESIGNED, DEVELOPED AND BUILT IN THE USA\*. THE MAJORITY OF THE COMPONENTS USED IN THE CONSTRUCTION OF OUR PRODUCTS ARE PRODUCED BY AMERICAN COMPANIES. HOWEVER, DUE TO THE GLOBAL NATURE OF MODERN MANUFACTURING AND THE ELECTRONICS INDUSTRY IN GENERAL, SOME PARTS MAY BE MANUFACTURED IN OTHER COUNTRIES.

\*OUR SPEAKERS ARE PROUDLY DESIGNED AND DEVELOPED IN THE USA. HOWEVER, DUE TO THE GLOBAL NATURE OF LOUDSPEAKER MANUFACTURING, OUR SPEAKERS ARE MANUFACTURED IN OTHER COUNTRIES.

---

## HAWG WIRED, INC.

### CONTACT US BY EMAIL

SALES AND MARKETING – [sales@hawg-wired.com](mailto:sales@hawg-wired.com)  
TECHNICAL SUPPORT – [support@hawg-wired.com](mailto:support@hawg-wired.com)

### CONTACT US BY PHONE

MAIN 510.656.2999  
EFAX 510.217.6994

VISIT US ON THE WEB AT [HAWG-WIRED.COM](http://HAWG-WIRED.COM)



COPYRIGHT © 2015 HAWG WIRED, INC. ALL RIGHTS RESERVED.

REV.1A PRINTED IN THE U.S.A.