

**Guarantee | Repairs & Returns**

Please complete and include the form below. MH Instruments honors a 30-day satisfaction guarantee for products purchased ONLY and directly from us. For MHI-direct purchases, we reserve the right to charge a minimum restocking fee of 10%.

**Used, Modified and/or Damaged Merchandise**

Any product that we determine shows evidence of being used, modified and/or installed contrary to our instructions, and/or subjected to improper handling, packaging or shipping by the customer, may not be eligible for exchange, refund or warranty consideration at our discretion. Modified units may be assessed a repair fee at our discretion.

**Consumer-Direct Repairs | One-Year Warranty**

MH Instruments warrants each new product it manufactures to be free from defective materials and workmanship. MHI agrees to remedy any such defect or replace the unit, at our option, provided the unit is delivered to us, intact, *with all transportation charges prepaid* to our factory, for a period of one (1) year from the date of sale to the consumer. **DO NOT SEND REPAIRS TO YOUR DEALER/DISTRIBUTOR.**

**NOTE: Returns from dealers on behalf of consumers must include a dated proof of purchase or will be returned.**

**DATED PROOF OF PURCHASE REQUIRED FOR WARRANTY REPAIRS****Return/Repair Slip Information** *(Please complete and include with product.)*

Name \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone \_\_\_\_\_  
Reason \_\_\_\_\_  
Purchased \_\_\_\_\_  
at: \_\_\_\_\_

Ship to:

**MH Instruments\***  
1040 Hillcrest Drive  
Pomona, CA 91768-1422  
p +1.949.713.2173

*For additional information, please visit us at [www.mhinstruments.com](http://www.mhinstruments.com).*

**\*PLEASE DO NOT REQUIRE DELIVERY SIGNATURE. ULTRA 0217**

## Rumble Road™ 'Ultra' Amplified Stereo Speaker System

**Owner Manual & Warranty**

Congratulations! You have purchased a quality upgrade for your motorcycle, scooter, ATV or other powersports vehicle. The Rumble Road™ Ultra speaker system will improve the looks of your ride and provide many hours of pure listening pleasure when used in conjunction with your personal stereo or smartphone.

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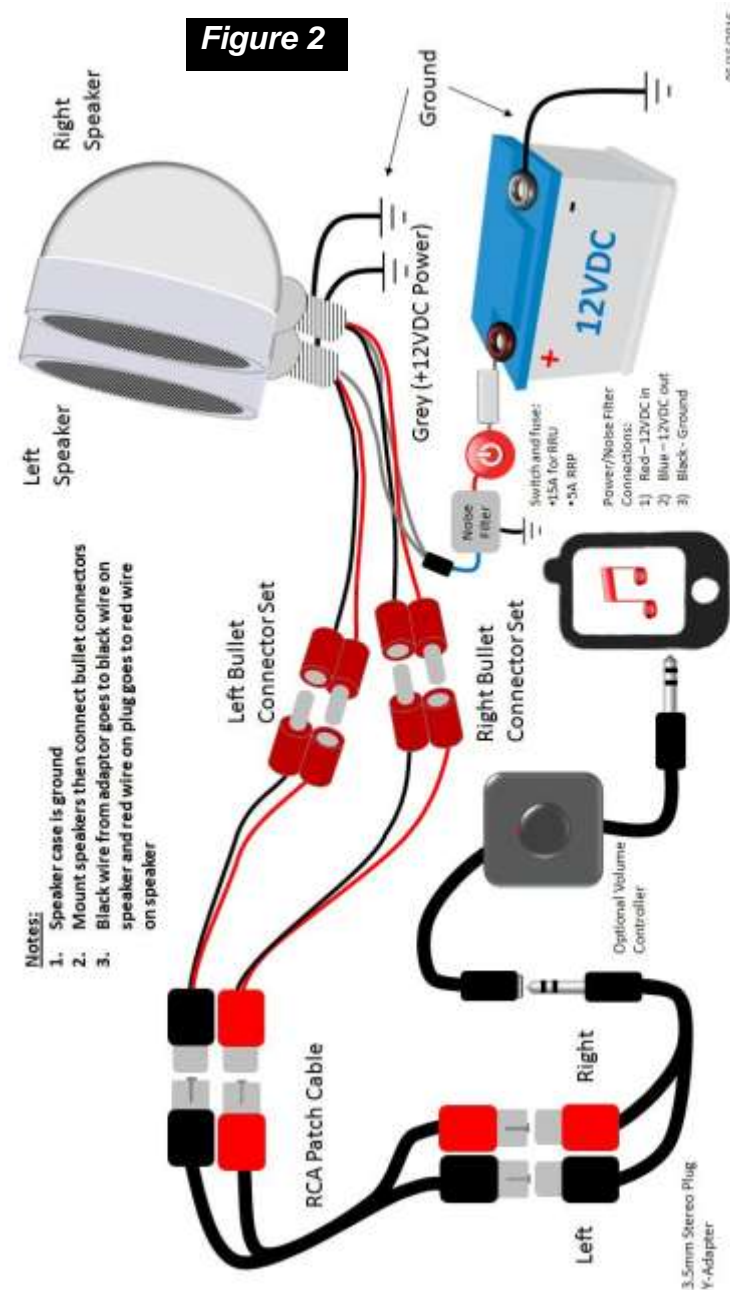
## Items inventory

Each Rumble Road™ Ultra kit includes:

- 2 chromed or black Rumble Road™ amplified speakers
- 2 three-piece mounting clamps, chromed or black
- Handlebar-mount volume control
- Electrical noise filter
- All audio cabling and power wiring
- 3 feet of black mesh wire dressing

## Features

- Powerful, clear sound
- 4" coaxial full-range, high-power Alpine™ speakers
- 100 Watts peak power (70 RMS/Continuous) PER SPEAKER into 4 Ohms @ 13.6 VDC, high-gain input
- Built-in amplifiers & standard stereo miniplug
- Standard cruiser spotlight housing
- Chrome-plated or black enclosure
- Stainless steel grilles
- Versatile mounting locations
- Use with motor running or off
- Easy installation



## Step-by-step mounting instructions

- 1) Mount the speakers and feed the wires from the speaker through the mounting hole, spacers and nut (Figures 1, 2).
- 2) Connect the audio signal wires, which are attached to each speaker, to the bullet-to-RCA-adapter wire.
- 3) Connect an RCA patch cable to each speaker through the RCA-to-bullet adapter.
- 4) Connect the two RCA patch cables to the speakers and to the Y-adapter.
- 5) Connect the gray power wire to your own switched, positive and fused, minimum **15Amp** 12 VDC power source. Ensure that the speaker case is grounded as the ground power goes through the speaker case (see “Installation instructions”).
- 6) Review your wiring sequence.
- 7) Ensure that you have connected the fuse and then connect power to the system. If the fuse has blown, you may have misconnected a wire.
- 8) Once the system is properly connected, plug in your personal stereo to test the entire system. If you find the balance control on your personal stereo is backwards, flip the RCA plugs around.
- 9) Final electrical installation can be dressed up using mesh braiding around the power and signal wires leading up to and from the speakers, stereo, switch and battery or power source.



Check us out on Facebook!  
[www.facebook.com/mhinstruments](https://www.facebook.com/mhinstruments)  
Leave a comment; share some photos of your installed Rumble Road™ speaker system.

## Choosing a stereo

With Rumble Road™, you can choose the personal stereo or smartphone you like best. Virtually any brand works. Some models are very small and can be attached easily to the head mount of the handlebar, for example.

## Mounting options

Possible mounting options include:

- Handlebars
- Engine guard
- Forks
- Utility bars

It's worth taking some time to consider the best installation locations for your Rumble Road™ speakers. While many options are possible, choose one that will look best from both the front and back. An ideal location is on the handlebars using three-piece clamps in a matching finish (included with Rumble Road Kits™). Mounting here brings Rumble Road™ speakers closer to the rider and dash for optimal looks and sound.



If you have an existing set of bar-mounted spotlights, try mounting the speakers behind them. If you mount both, a three-hole mounting bar or plate would probably work well for you.

For other mounting ideas, visit our website at [www.mhinstruments.com](http://www.mhinstruments.com).

**Installation instructions**

12-Volt DC power *rated at a minimum of 15Amps* is connected to the speakers from a switched source to the gray wire exiting each of the speakers. Both speakers must be connected to power because each one contains an amplifier. The speaker shell is connected to ground internally, so each speaker must be electrically grounded to the motorcycle. In most cases, mounting the speakers to a securely grounded metal bar will work.

If the speaker is mounted to plastic, or to handlebars with rubber grommets, a separate ground wire must be installed. A power indicator light can be used to show the status of the power to the system. This may be preferable as the system does not produce any perceptible noise while on, with no input applied to it. The lack of an indicator light could result in inadvertently leaving the system on, causing unintentional battery drain.

The stereo connects to Rumble Road™ speakers through a standard 3.5mm miniplug on your personal stereo or smartphone. An adapter is included with the speaker system and is shown in Figure 2. This allows you to run the wires through the mounting nut one wire at a time.

► Step-by-step installation instructions begin on the following page.

If you need technical assistance, please visit our website at [www.mhinstruments.com](http://www.mhinstruments.com) for answers to Frequently Asked Questions or email us at [service@mhinstruments.com](mailto:service@mhinstruments.com).

