

Practice Safe Sound!

Any audio system can be a distraction to the rider and/or passenger. Please use caution when playing your stereo, especially in traffic.

RESPECT WHERE YOU RIDE!

If you ride off road, please respect your riding area so the land stays available for everyone to enjoy.

NEVER ride under the influence of drugs or alcohol!

Warranty Information:

Metrix Audio's MA-2 is warranted for a period of 12 months from the original purchase date. Proof of purchase is required for all warranty claims. All warranty claims must be made through the dealer this product was originally purchased from. Products found to be defective during the warranty period will be replaced (with a product deemed to be equivalent) at Hochtunes Inc. sole discretion. Metrix Audio is a wholly owned subsidiary of Hochtunes Inc., Barrie, Ontario, Canada. Tel: (705)-719-6361

What Is Not Covered:

- 1) Any expense related to the removal or re-installation of this system.
- 2) Repairs of any kind performed by anyone other than Hochtunes.
- 3) Subsequent damage to any other components.
- 4) Any product purchased from a non-authorized Metrix Audio dealer.
- 5) Damage from an accident or collision.

www.metrixaudio.com

Metrix Audio

By HOGTUNES

MA-2 Amplified Handle Bar Mounted Speaker System

Installation Manual

**Metrix Audio is a Wholly Owned Subsidiary Of
Hochtunes Inc., Barrie, Ontario, Canada**

All Products Designed and Engineered In Canada

Congratulations and Thank-you for your purchase of this Metrix Audio system! Since positive word of mouth is the best way to grow our business, we want your new system to work as well as it was designed to. If you have any questions or concerns, we are here to help. Please email us at info@metrixaudio.com, or call us during regular business hours (EST) at (705)-719-6361. If you still need help, then please consider a professional installation by your retail dealer. We strongly suggest reading this entire manual before starting. This will help plan the install on your machine, and avoid doing things more than once!

MA-2 Installation Instructions

Step #1: Start off by identifying the parts of the kit. The main parts are: speaker cabinets, clamps/collars, amplifier, and audio device “perch” .

Step#2: Start to plan where each component will go on the front of the machine. For best sound, the speakers should be placed even distances from either side of the center of the handlebars. Speakers should be pointed directly at the rider. The audio device perch can be mounted anywhere on the bars, but some consideration should be given to the rider safely adjusting the volume buttons. **IMPORTANT: Make sure the installation of any components do not impede the steering or operation of the vehicle! Failure to do so can cause an accident resulting in serious injury or death!** The audio device perch and each speaker comes with “collars” that adapt the clamps to fit 7/8”, 1”, and 1.25” diameters. These collars only fit one way. With the correct collars selected, using the supplied hardware, attach the speakers, and audio device perch to the machine.

Step#3: Locate a good mounting position for the amplifier making sure the wires will all make it to the speakers etc. Consideration should be given to this location so the amplifier is not constantly subjected to “extreme heat” from exhaust or motor components. Using the supplied “hook and loop” adhesive and/or the supplied “zip ties”, secure the amplifier to the machine. If using the adhesive only, make sure to clean the area of the machine where the adhesive will stick to. Whenever possible, the adhesive **AND** the zip-ties are the preferred mounting method noting the adhesive works best when applied with all parts and the machine being at room temp.

Step#4: Locate the “phone cable” and the audio cable that will plug into the portable audio device’s headphone output jack. Plug the phone cord and the audio cable into their locations on the amp wire harness. Locate the speaker wires with plugs, and route the phone cord, audio cord, and speaker wires towards the mounted audio perch and speakers.

Step#5: Plug the phone cord into the underside of the audio device perch, and route the audio cable through the provisions on the back of the audio device perch making sure you will have enough slack to plug the cable in to the audio device you plan to use. Plug the speakers in.

Step#6: You will see a USB plug in the amplifiers wire harness. This is a CHARGE ONLY port that may be used to supply power to your audio device or any other USB chargeable device such as a cell phone. If you choose to use this, route your devices cable to this location and plug in.

Step#7: Starting at the audio device perch and the speakers, secure all wires to the machine, working your way back to the amplifier location making sure any and all slack is near the amp without impeding any steering or other controls, or having cables too close to extreme heat areas.

Step#8: The orange wire located in the wire harness is a “turn on lead” that draws less than half an ampere, and tells the amplifier to turn on or off with the “power on” of the machine. Using your machines owners manual, locate a switched power source such as a ignition switch, headlight switch, “acc” switch, or a switched power location in a fuse panel and attach the orange wire to this. This power source must be **switched positive 12 volt DC**. If the machine does not have a switched power source, the orange wire can be interrupted by a 5 amp inline toggle switch (not supplied), controlling a “constant” 12 volt DC power source.

Step#9: Route the positive (red) and negative (black) wires towards the machines **12 volt negative ground battery**. Working from the amplifier towards the battery, cable tie these 2 wires to the machine. Cut these wires to the right length making sure you have enough slack to crimp on the supplied ring connector for the black ground wire, and enough slack to crimp on the supplied fuse holder. With the ring connector crimped onto the black wire, attach the black wire to the batteries negative terminal. With the fuse holder properly crimped to the power wire, attach the red wire to the batteries positive terminal. Using cable ties, bundle up and secure any slack from the audio cable, phone cable, or speaker wires.

Step#10: Your system is now ready to test. For best results, **turn any bass boosts or loudness contours on your audio device OFF!** Plug the audio jack on the audio device perch into the audio device. Put the volume of your audio device to around 80% of the volume and leave it there. The arrow buttons on the audio device perch will allow the rider to control the system playback volume. Once everything is working, you can use the supplied hook and loop adhesive or another method of attachment to secure the audio playback device to the perch. Note: The overall volume and performance of this system relies on the quality of the audio device being used. Adjusting the “aim” of the speakers to point directly at the rider will radically change the sound and clarity!

Clear Speaker Covers: The clear covers over the speakers are made of polycarbonate, and can be painted from the inside to customize the look of your speakers. To remove clear cover, remove the screw at the “point” of each speaker cabinet and pull the covers off. If you prefer to keep the chrome look, leave the plastic covers off but **MAKE SURE** the screws go back in!!!