



UTV & RZR Tuned Audio Systems



MBQ-UNI6-1

Universal 6 Inch STAGE 2 400 Watt UTV Audio System

For technical information on this and all MB QUART products, go to the "SUPPORT" tab at [MB QUART.com](http://MBQUART.com)

There you will find helpful, FAQ, TEQ Tips and you can contact Technical Support via email.

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MB QUART UNIVERSAL 6 INCH

Thanks for choosing MB QUART. This UTV Tuned Audio System has been meticulously engineered to install into your vehicle. We have made the process so simple you will be in and out of the installation in about 2 hours.

WARRANTY

Your audio system is covered by a 1 year warranty. It is important that you keep your sales receipt. Furthermore, it is crucial that you record and store a record of the serial numbers for each of the components that are included in your system. In the rare instance that a warranty claim is needed both items are required. Additional information is on the back page.

- A) Sales Receipts showing the seller, date of purchase, model and price paid
- B) Serial numbers for the components

INCLUDED

- Bluetooth controller
- Compact 2 channel amplifier
- Pair of roll cage mounted Tower Speakers
- 2 swivel mount brackets
- Powersports wiring harness

SAFETY

Always make your machine safe before installing any accessories

- Turn the ignition off and remove the key
- Remove the negative terminal of the battery
- Safety Glasses - always wear eye protection

TIME & TOOLS

You will need about 2 HOURS to complete this installation, depending on who is "helping."

TOOLS Required

- 1-1/8 inch hole saw
- Allen key set
- Hand Screwdrivers
- Assortment of Sockets and Wrenches
- Wire Strippers and Crimpers

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STEP 1 - BLUETOOTH LOCATION & MOUNT

The Bluetooth controller is designed to mount in a 1-1/8 inch hole. Make sure there are no wire harnesses or mechanical parts behind the panel you would like to mount the unit.

Choose a location that is as high in the vehicle as possible to avoid deep water or mud.



The MB Quart Bluetooth Joystick Controller is so universal, it can be disguised and hidden in an off-road vehicle or classic custom build.

STEP 2 - AMP LOCATION & MOUNT

When you can, try to avoid wiring accessories directly to the battery. This is due to the fact that most UTV have their battery located low in the vehicle. You want your amplifier wired to your accessory terminal, which is usually mounted high in the dash.

Secure the amplifiers with zip ties or small screws, depending on the area where you secure the amplifier.

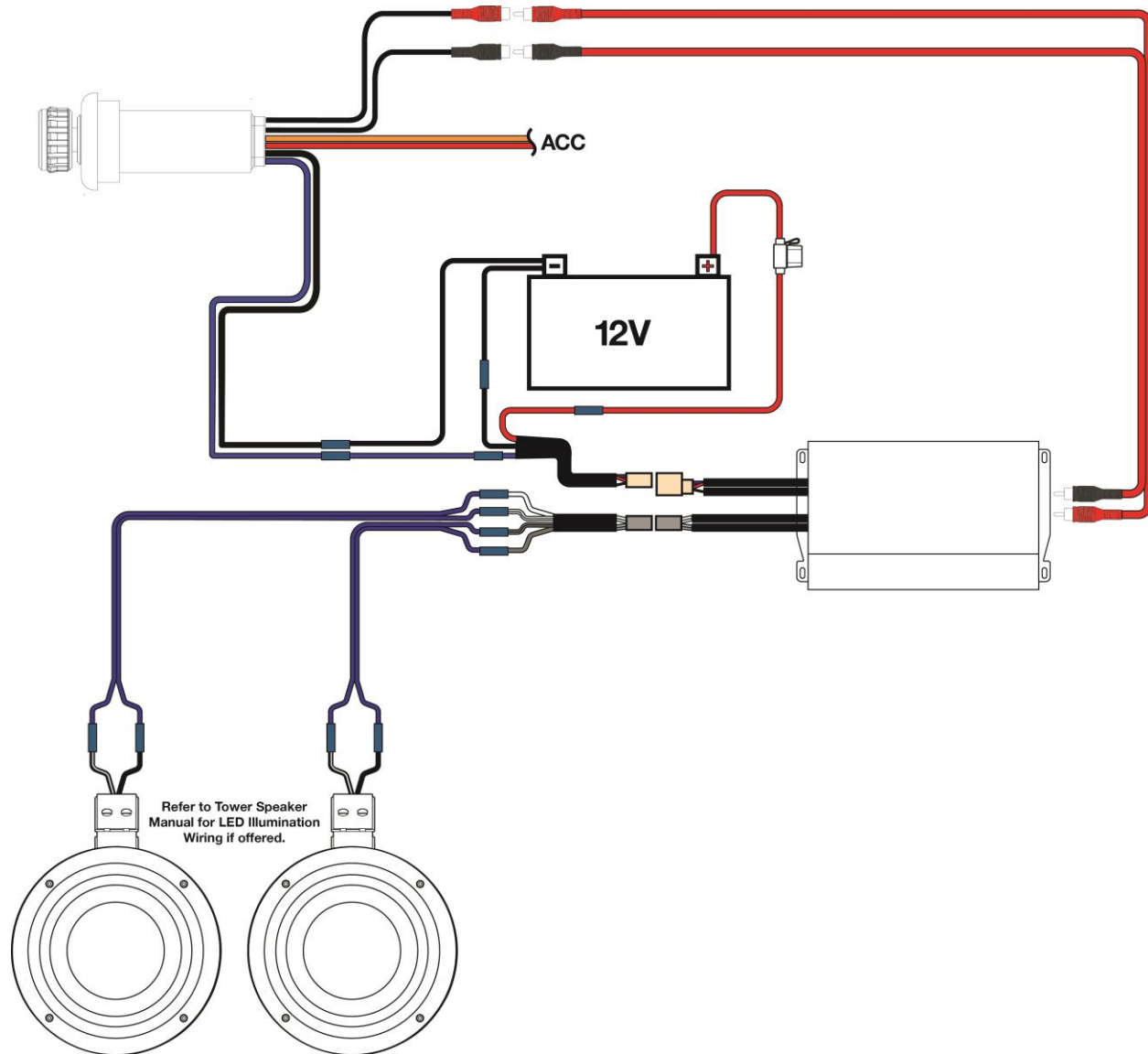
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STEP 3 - LAYOUT HARNESS



For speakers with Illumination, follow the instructions in the speaker manual to properly wire and select the color for the illumination.

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STEP 4 - ROLL CAGE SPEAKER LOCATION, SWIVELS & MOUNT

Not all Tower Speakers will require the swivel mount brackets. Whether or not to use them will depend on the angle of the roll cage bar you mount the speakers on. The goal is that your speakers are facing straight forward. This will deliver the best sound quality and the most volume to the front of the machine.



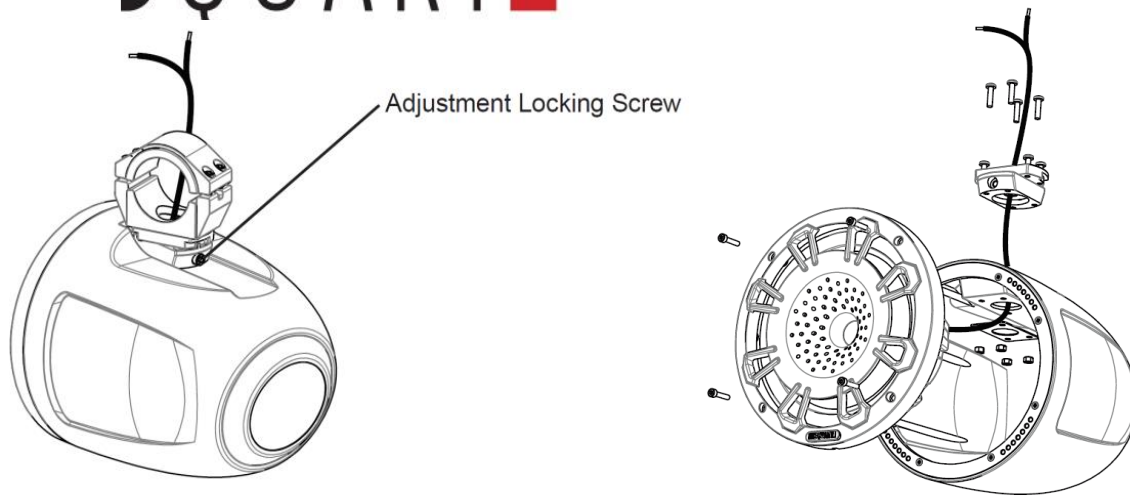
Alan Yee from Hawaii featured the MB Quart UNI8 compression horns on his 1948 Ford F6 in the MB Quart booth at SEMA in Las Vegas.

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Check the included manual to properly mount the swivel brackets to your speakers. Also ensure that the adjustment Locking Screw is at the rear of the assembly.

STEP 5 - SHOW YOUR FRIENDS

Congrats on a great install and an awesome audio upgrade. Get on the trails, show your friends and show us too. We're all over social, just like you. @MBQuart #MusicDefined

WARRANTY CLAIMS

Maxxsonics USA Inc. warrants this product, to the original consumer purchaser, to be free from defects in material and workmanship for a period of one (1) year from the date of purchase. Maxxsonics USA Inc. will, at its discretion, repair or replace defective products during the warranty period.

Components that prove to be defective in materials and workmanship under proper installation and use must be returned to the original authorized Maxxsonics USA Inc. retailer from where it was purchased for the first 30 days from date of purchase.

A photocopy of the original receipt must accompany the product being returned. The costs associated with removal, re-installation and freight are not the responsibility of Maxxsonics USA Inc. This warranty is limited to defective parts and specifically excludes any incidental or consequential damages connected therewith. To request an authorized warranty claim, please start on the website MAXXWarranty.com

SERIAL NUMBERS & RETAILER

Use the following page to keep track of your information.

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RECORD RETAILER & PRODUCT INFORMATION HERE

Purchased From _____
STORE NAME *DATE OF PURCHASE*

Component Number 1 _____
MODEL NUMBER *SERIAL NUMBER*

Component Number 2 _____
MODEL NUMBER *SERIAL NUMBER*

Component Number 3 _____
MODEL NUMBER *SERIAL NUMBER*

Component Number 4 _____
MODEL NUMBER *SERIAL NUMBER*

Component Number 5 _____
MODEL NUMBER *SERIAL NUMBER*

Component Number 6 _____
MODEL NUMBER *SERIAL NUMBER*

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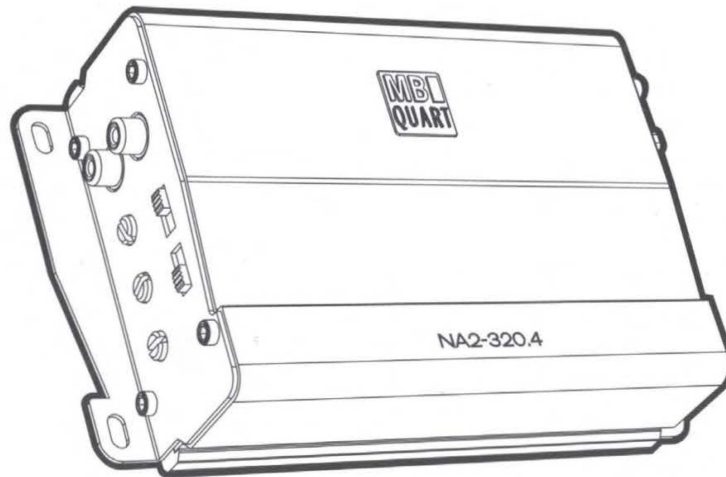
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Quick Start Installation Guide



NA2-400.2

NA2-320.4

NA2-400.1

NA2-500.5

Congratulations on your choice of a MBQuart amplifier. This "Quick Start Installation" guide is meant to help you "hook up" and play music. For more detailed information, on system setting, speaker and subwoofer configuration and full specifications by model visit the website, <http://mbquart.com/manuals.html>

Setup

A Settings

The illustrations below describe the various controls. Refer to the illustration that matches your amplifier.

1 GAIN Adjustment

The gain control purpose is to match the output of your source signal to the amplifier. Refer to the section B below for detailed instructions.

2 X-OVER Switch

This switch will set the amplifier to have a full frequency output or to filter out high or low frequencies. The NA1-400.2 offers either a bandpass or a high pass filter.

3 Frequencies Adjustment

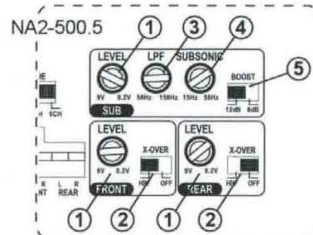
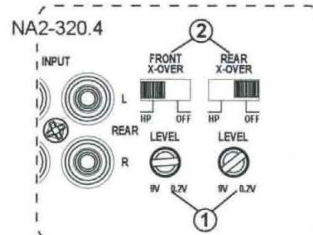
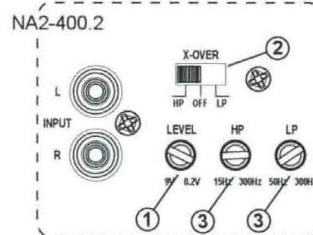
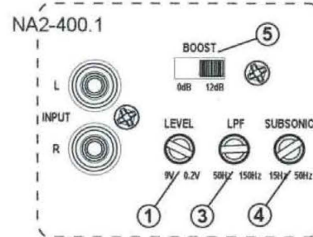
The Low Pass Filter will cut off the frequencies above the setting. The High Pass Filter will cut off the frequencies below the setting.

4 SUBSONIC Adjustment

The Subsonic Filter will cut off the frequencies below the setting. If using with a subwoofer the setting should be kept between 15-25Hz.

5 BOOST Switch

The Boost Switch will increase the signal 12dB at 45Hz. Be aware this setting can cause distortion if the gain is not set properly.



B Level Setting

This is a critical step to insure your amplifier is properly adjusted to match the signal output level of your source unit.

THIS IS NOT A VOLUME CONTROL!



1. If possible, with the source unit off, confirm that the primary volume control is turned down (counter clockwise).
2. Turn on the source unit (CD, or MP3 player). Re-confirm that the volume is turned down. Make sure the source unit controls; balance, fader, bass and treble are all set to center or "0" adjustment. Make sure that the green LED on the end of the amplifier is illuminated.
3. Play a clean musical selection of which you are very familiar. CD is preferred. Do not use radio signals for level setting. Hit play and start turning the volume of the source unit up.
4. Stop increasing the source unit volume when you reach 3/4 (about 75%) or until you hear speakers begin to slightly start producing distortion.
5. Increase the amplifier gain (clockwise) until distortion is heard, then back the level down (counter clockwise) until the distortion is eliminated. Small adjustments may need to be made to balance the levels of multiple amplifiers.

Before you start



CAUTION



Many new and factory radios require a reset code when disconnected from battery power. This is an anti-theft feature. Before unplugging power, you must determine if your radio/source unit requires a reset code. Check the operation manual for your vehicle or contact the dealer.

Power cable size and fusing

It is critical to use the proper power and ground cable. Select the size listed here for your amplifier model. Always use high quality copper cable. Visit our website for multi amp system cable recommendations.

Be sure to use the proper fuse size for each model. Some models require an external fuse.

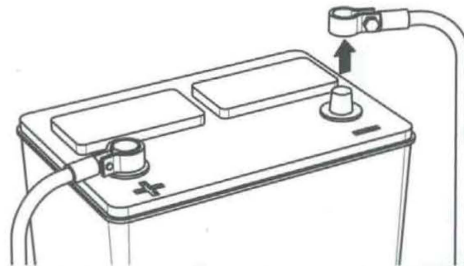
Model	Fuse Size	Cable Size
NA2-400.2	1-30A atc	10ga
NA2-320.4	1-30A atc	
NA2-400.1	1-30A atc	
NA2-500.5	1-40A atc	

For power cable runs over 20 feet, 8ga is recommended.

Installation

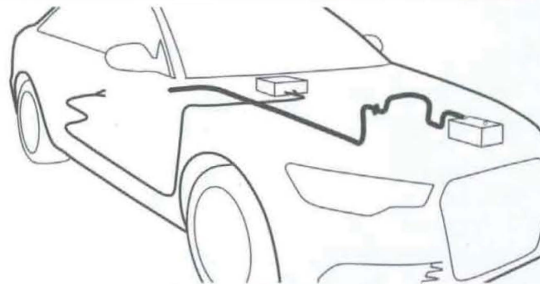
1 Disconnect Negative Battery Terminal

Place terminal in a secure position so that it won't accidentally contact the negative battery post



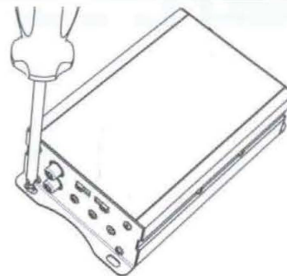
2 Run Cables

Properly route power, speaker and RCA cables through the vehicle.



3 Mount Amplifier

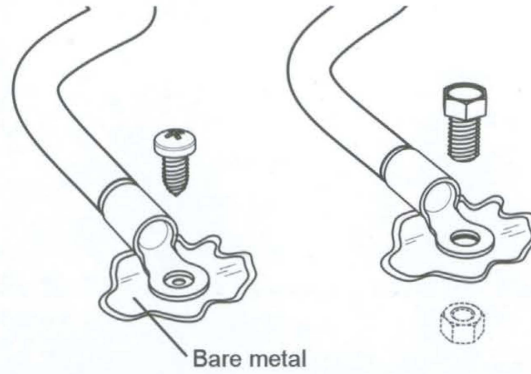
Choose a mounting location that will provide adequate air ventilation. Mount the amplifier to a secure surface. Do not mount the amplifier upside down.



4 Chassis Ground

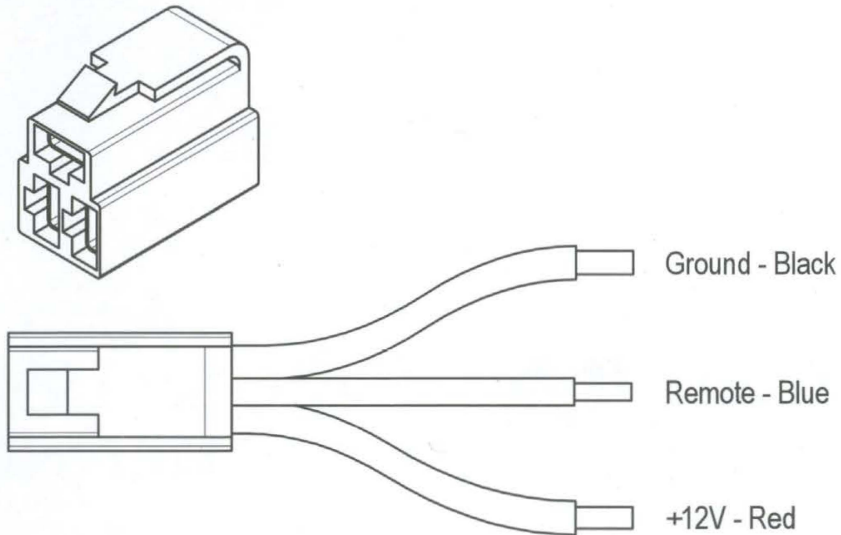


The chassis ground connection is critical to the performance of the amplifier. Choose a location that is close to the amplifier. Completely scrape away the paint and use a nut and bolt if possible. **DO NOT USE AN EXISTING FACTORY BOLT!**



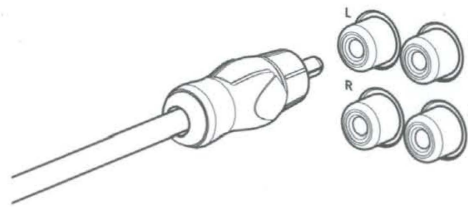
5 Power Connection

Attach the chassis ground, +12V and remote wire. It is important to make sure these connections are very secure.



6 Signal Input Connection

Connect the RCA cables to the INPUT connectors. The OUTPUT can be used to provide input for a second amplifier.



7 Gain Control

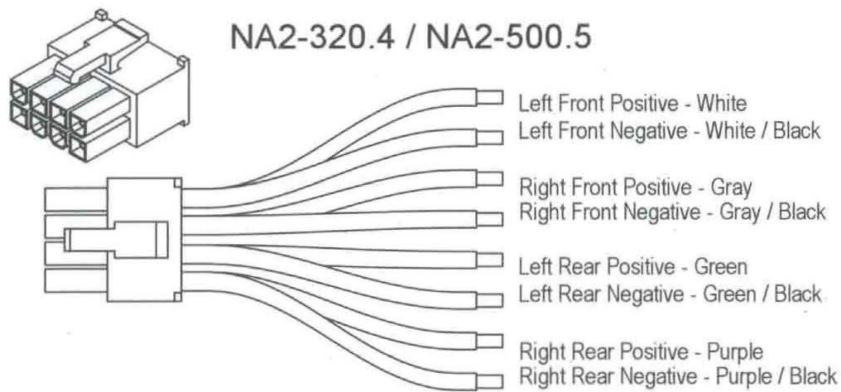
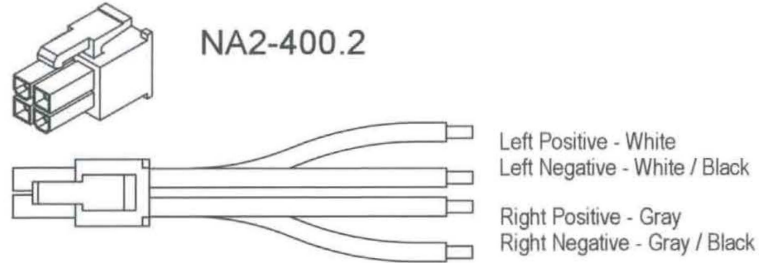
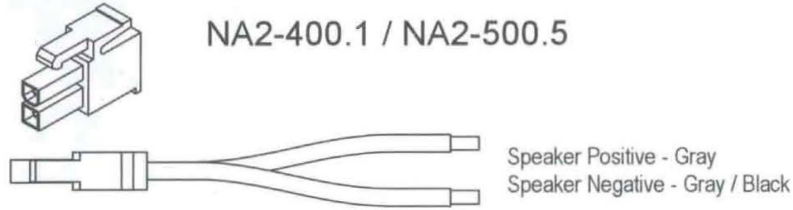


Turn the GAIN control completely counter-clockwise to minimum.



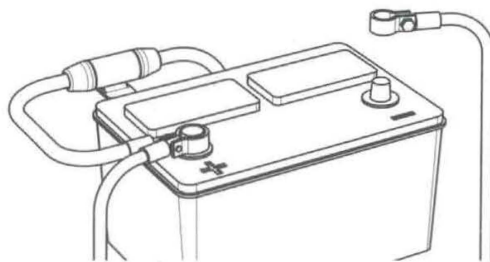
8 Speaker Connections

Connect the speaker cables to the speaker output connectors. Follow the diagram below that best fits your speaker configuration.



9 Positive Battery Connection

Connect the power cable to the positive battery terminal. The power cable must be fused within 18 inches of the battery terminal.

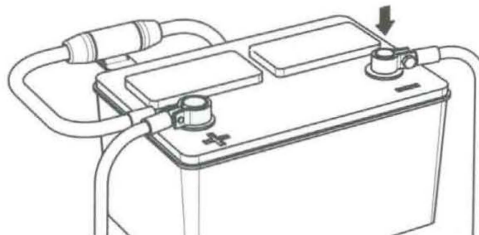


Be prepared to disarm your vehicle's alarm and to enter your radio / source unit code.



10 Re-connect Negative Battery Terminal

Re-connect the negative battery terminal making sure it is securely tightened.





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The information contained within this document is intended to offer some basic guidelines for a few of the most common installations. More complex audio systems should be installed by a competent professional. Additional installation information available at www.maxxsonics.com

WARRANTY

Maxxsonics USA Inc. warrants this product, to the original consumer purchaser, to be free from defects in material and workmanship for a period of one (1) year from the date of purchase. Maxxsonics USA Inc. will, at its discretion, repair or replace defective products during the warranty period. Components that prove to be defective in materials and workmanship under proper installation and use must be returned to the original authorized Maxxsonics USA Inc. retailer from where it was purchased. A photocopy of the original receipt must accompany the product being returned. The costs associated with removal, re-installation and freight are not the responsibility of Maxxsonics USA Inc. This warranty is limited to defective parts and specifically excludes any incidental or consequential damages connected therewith. To view the full warranty, please visit the website.

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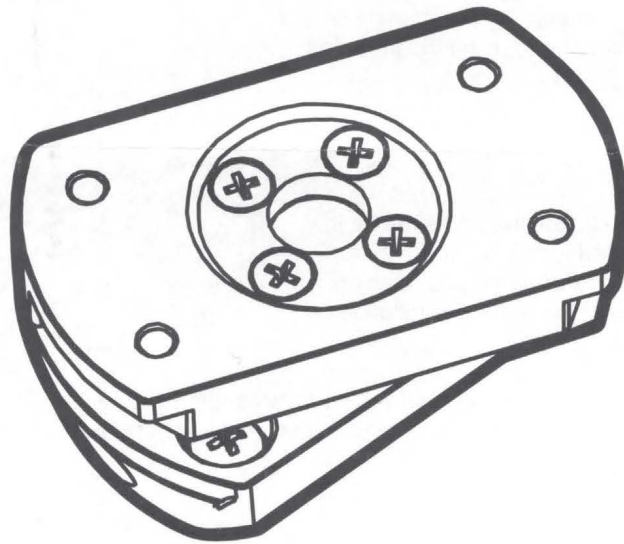
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Quick Start Installation Guide



Swivel Mount Bracket

Swivel Mount Bracket Installation

Step 1 – Detach the Speaker from the pod housing by loosening the 4 screws.

NOTE – Be mindful of the speaker wiring. Remove Cautiously.

Step 2 – Remove the clamp base by loosening the nuts and screws.

Step 3 – Attach the swivel mount to pod housing using the supplied longer screws and existing nuts.

NOTE – Rotating the top of the swivel mount 90 degrees will give you access the mounting hole. Make sure the adjustment locking screw is pointed toward the rear of the pod.

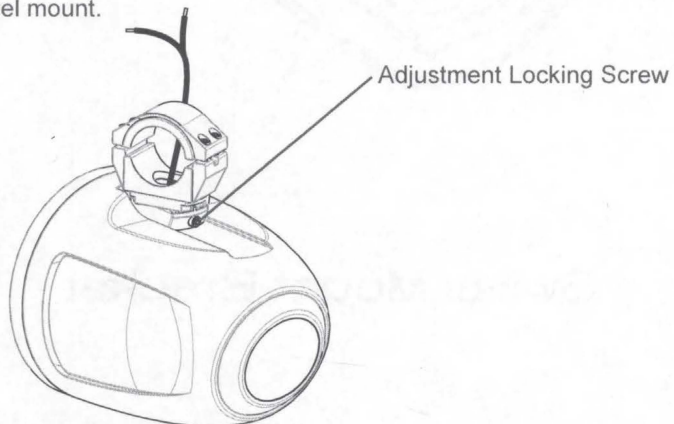
Step 4 – Attach the clamp base to the swivel mount using the provided shorter screws.

Step 5 – Reattach the speaker to pod housing using the 4 screws.

Step 6 – Install the pod speaker in the desired location.

NOTE – Refer to the pod speaker manual for the proper installation process.

Step 7 – Fine-tune the desired mounting angle. Secure the placement by tightening the adjustment locking screw located on the base of the swivel mount.

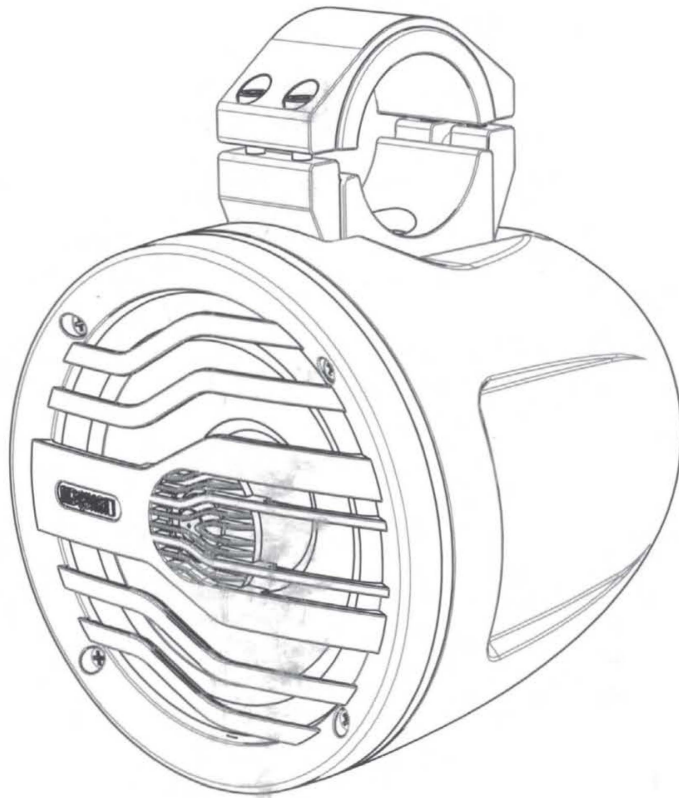


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NAUTIC

Quick Start Installation Guide



NT2C-116B

Congratulations on your choice of a MBQuart speaker. This "Quick Start" Installation guide is meant to help you complete a basic installation. For more detailed information on system setting, speaker and subwoofer configuration, and full specifications by model, visit our website at mbquart.com



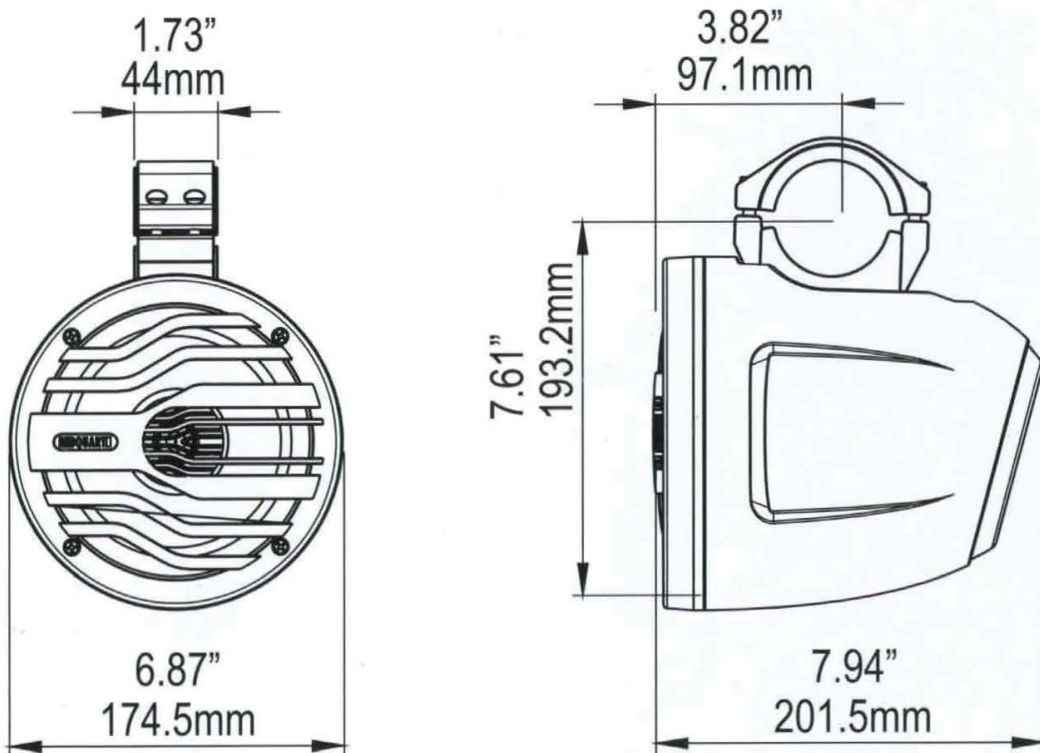
CAUTION



Always consider consulting a professional audio installer before installing new speakers. Many manufacturers locate speakers behind interior panels that require special tools to remove. Be careful and take your time.

If you are using the speaker wire supplied with your new speakers make sure that you run the speaker wires only through safe areas. Do not let speaker wire make contact with metal edges or hot engine components.

Dimensions



Before you start

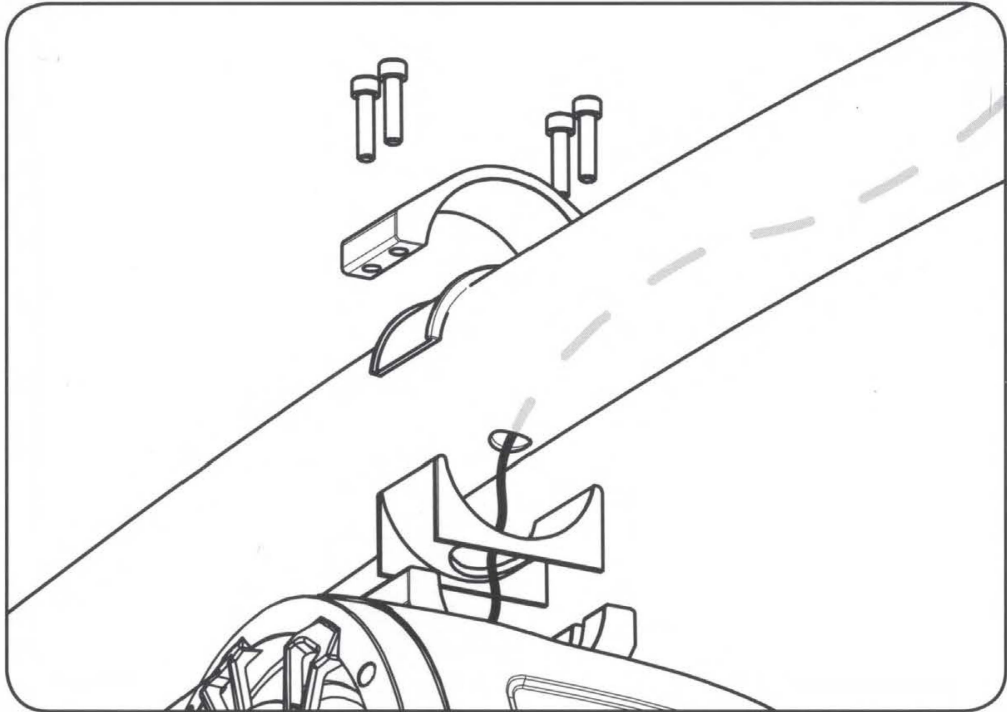
It's a good idea to confirm that you have purchased the correct size speakers to fit your application. If you have any reservations about being able to complete the installation yourself, we recommend contacting a professional.

Mounting Location

Choose a suitable mounting location

The NT2C clamping system is designed for towers and support structures that utilize ROUND tubing. Oval tubing and flat structures will not work with this clamp. The NT2C clamp can be used with tube diameters from 1.5" up to 2.75". Included are separate bushing sets for all tube sizes at 1/8" increments. Refer to the table below to determine your configuration.

Tube Diameter	Tube Circumference	Clamp	Top Bushing	Bottom Bushing
1.5	4.71	A	1.50	1.50
1.625	5.10	A	1.63	1.63
1.75	5.50	A	1.75	1.75
1.875	5.89	A	none	1.88
2	6.28	B	2.00	2.00
2.125	6.68	B	2.13	2.13
2.25	7.07	B	2.25	2.25
2.375	7.46	B	2.38	2.38
2.5	7.85	B	2.50	2.50
2.625	8.25	B	2.68	2.68
2.75	8.64	B	none	none

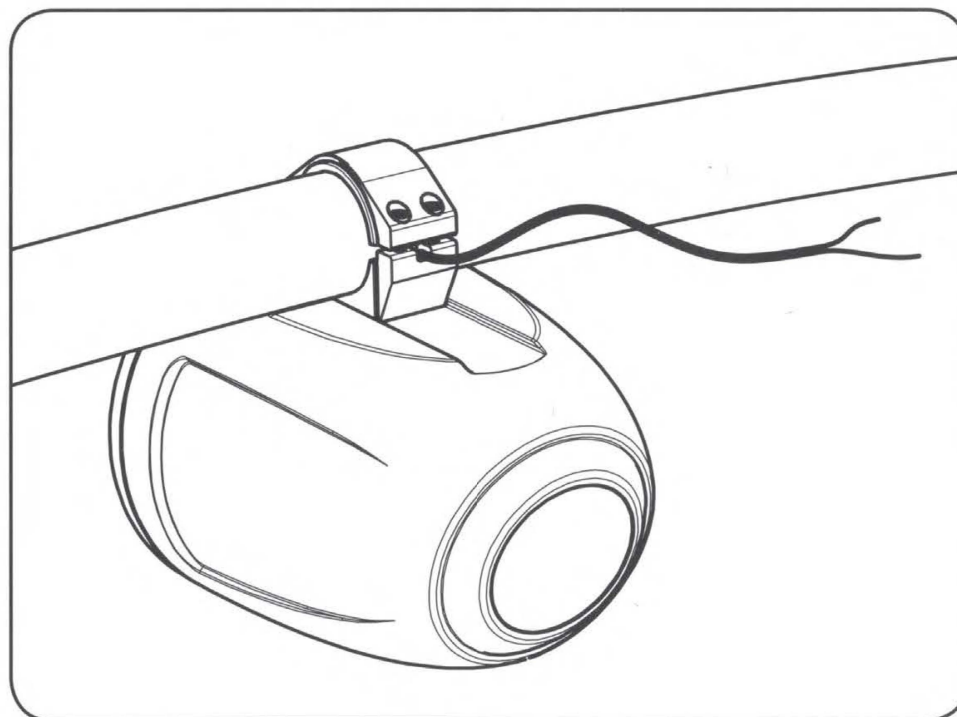
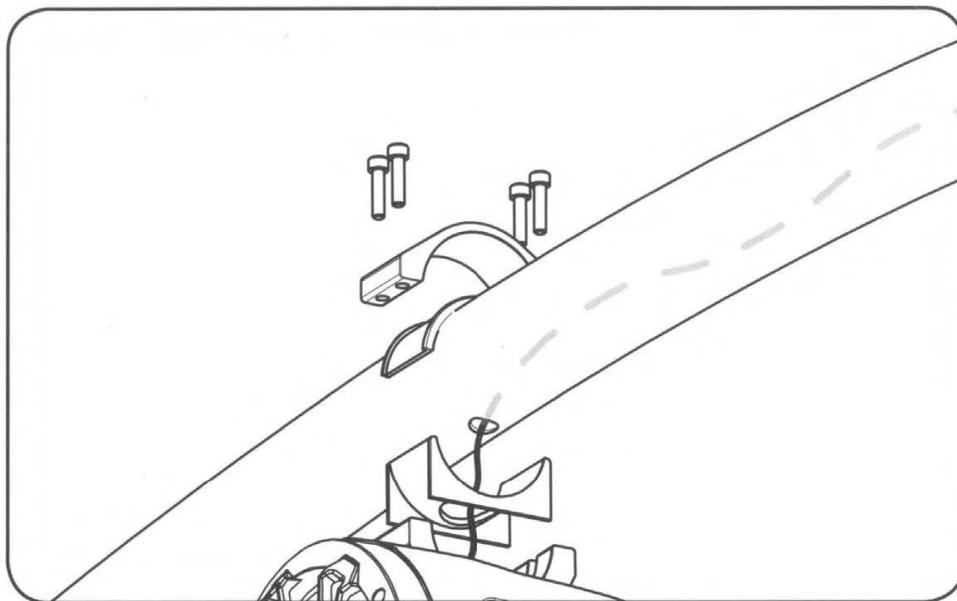


Wiring

Route signal

Carefully select a route for the audio signal wires. If using existing speaker wires, confirm that the wire is in good shape and not shorted. Avoid routing wires through dangerous areas.

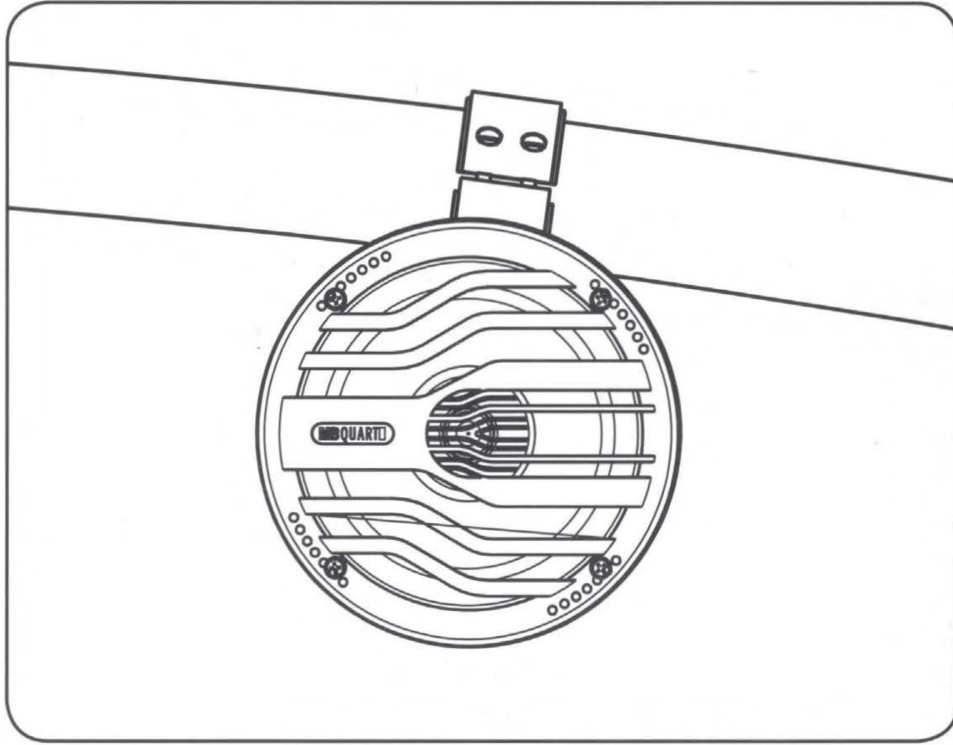
Black Audio signal negative
Black w/white stripe Audio signal positive



Grill alignment

Adjust the speaker alignment

Your NT2C speakers can be aligned to “hang straight” on an angled tube by loosening, rotating and re-mounting the speaker. Just behind the speaker mounting holes is a series mounting holes that can be used to align the speaker in the pod.





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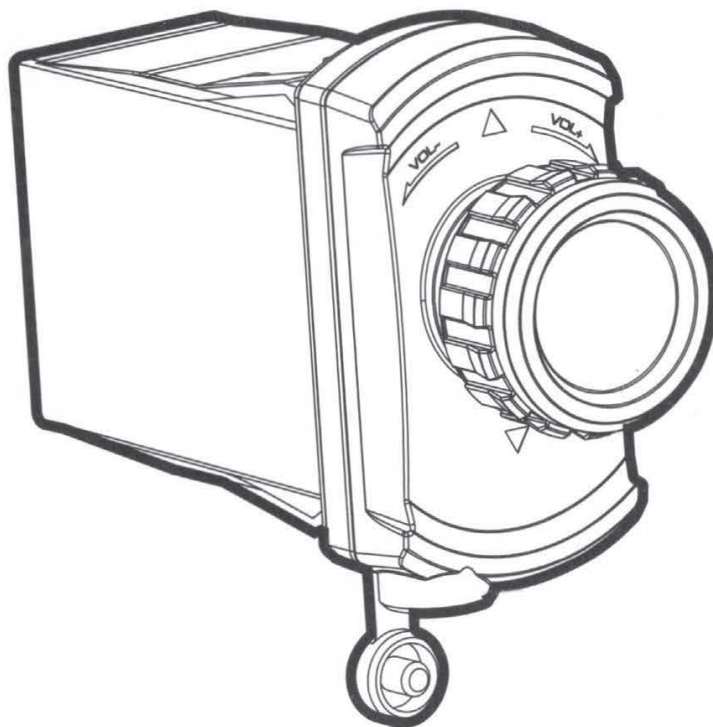
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MBQ NT2C QSG 01 - rev1

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Quick Start Installation Guide



N2-WBT
Bluetooth[®] Controller

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CAUTION



Always consider consulting a professional audio installer before installing any audio components. Be careful and take your time. Do not let wires make contact with metal edges or hot engine components.

Switch Mounting

MOUNTING

The controller is designed to mount in a standard rocker switch opening for accessories. Do not attempt to remove the unit from the switch housing. The housing is an integral part of the unit.

The unit itself requires a 0.83 inch (21mm) wide by 1.4 inch (37mm) high opening with at least 2.5 inches of clearance behind the mounting surface. Before drilling any holes make sure there are no obstructions behind the mounting surface.

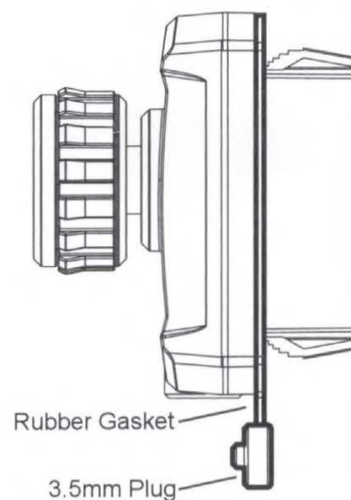
Keep enough space around the controller if possible to accommodate the operator's fingers.

RUBBER GASKET

Make sure the included rubber gasket remains in place during installation. This gasket aides in the unit remaining water resistant.

AUX INPUT – 3.5MM JACK

The 3.5mm input jack is located on the bottom of the unit. Remember to re-insert the water resistant rubber plug when not using the input. The control unit should always be mounted with the 3.5mm jack on the bottom.



Multi-Function Joystick Operation

The multi-function joystick has multiple operations for various features. Take a minute to familiarize yourself with all of the following to better and more quickly navigate your new Bluetooth controller.

VOLUME

Slowly turn the controller clockwise to increase volume and counter clockwise to decrease volume. Turning the dial quickly does not increase the speed of volume increase or decrease. Under AUX mode the volume will be controlled by your device.

POWER ON/OFF

- A. Press and hold control volume for 3 seconds to power the unit on/off

3.5MM SIGNAL INPUT

- A. the controller will automatically switch from Bluetooth to the AUX input by plugging you device into the 3.5mm input.

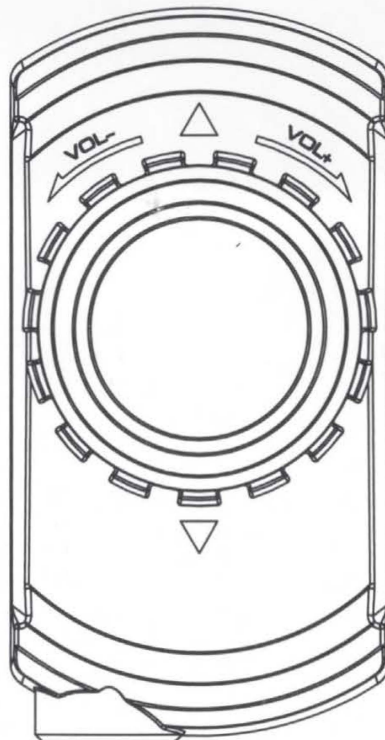
BLUETOOTH CONTROL

RIGHT/DOWN TOGGLE

- A. Toggle right or down to advance to the next track

LEFT/UP TOGGLE

- A. Toggle left or down to back up to previous track

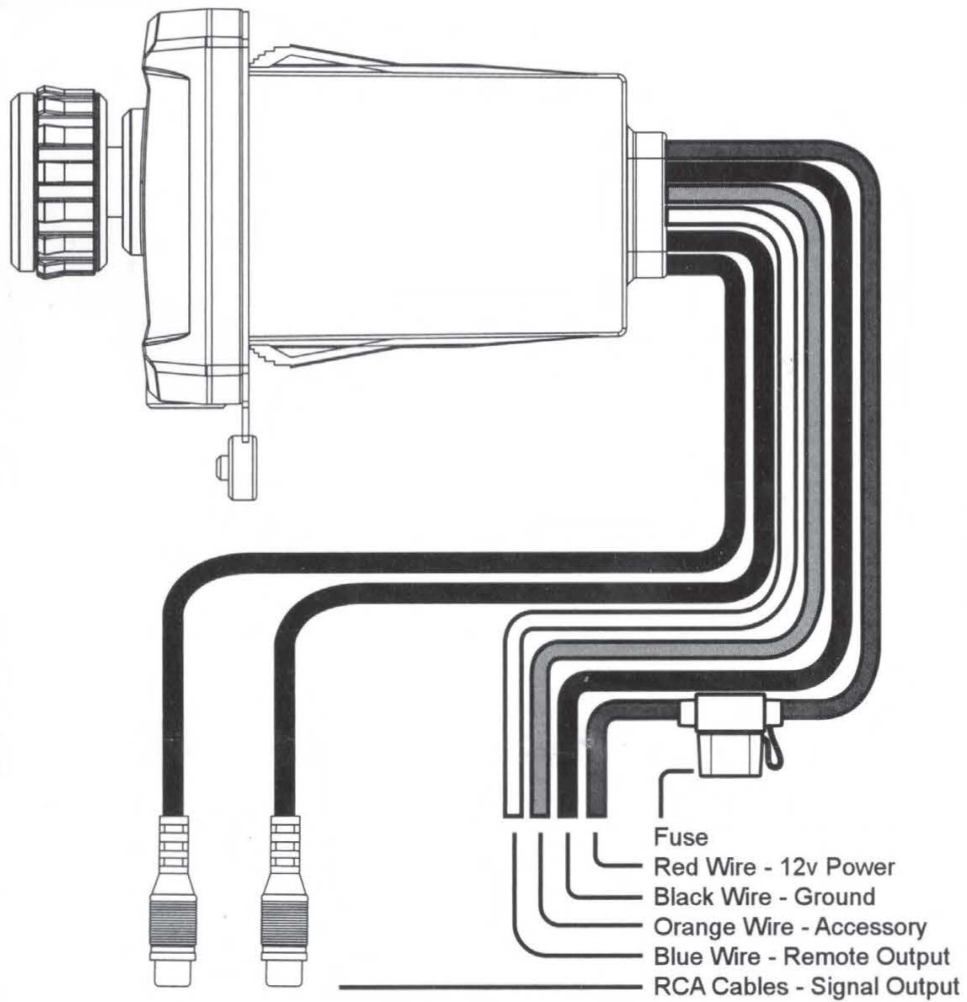


Wiring

The wiring and connections should be secure and away from any moving parts or extremely hot surfaces.

The RCA signal output can be connected directly to an amplifier or to the auxiliary input of an audio head unit.

The blue remote wire provides a +12V output to turn on an amplifier.



Bluetooth Device Pairing

The pairing process can vary based on your particular device. Refer to the operating instructions of your device. Below is the general process to connect the controller.

The Bluetooth Controller will flash slowly when “searching” for the last paired device.

If no device is located, it will flash quickly indicating it is ready to pair to a new device. On your Bluetooth enabled device, search for MB QUART under Bluetooth settings.

Select MB QUART; wait for the device to indicate “connected”. The status indicator will change to solid red. Music will now play through the system.



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