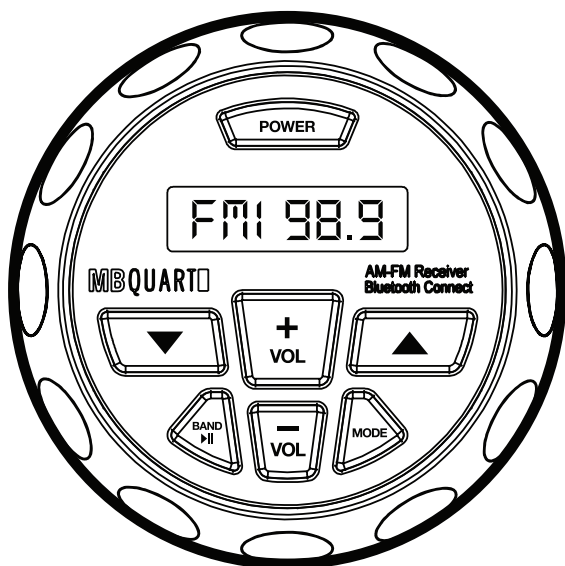




Operators Guide



GMR-3

AM/FM Bluetooth® Source Unit

Congratulations on your choice of GMR-3 AM/FM Bluetooth Source Unit by MB Quart. For more detailed information about the product, please visit our website at www.MBQuart.com



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.

General Information

Marine & Powersports Source Unit

AM/FM Radio
160 Watts Peak Power
Pre Amplifier Unbalanced Line Outputs
Gauge Mount
Splash Proof LCD with Clock
Add up to 2 wired remotes

MB Quart Bluetooth Connect

Bluetooth Connection
USB Input
Auxiliary RCA Input

Installation & Power Specifications

4 Channels x 40 Watts (160 Watts Peak Power)
2-7/8" / 73.02mm Total Mounting Depth
3-3/16" / 80.962mm Cut Out Diameter

AM / FM Section

USA Frequency: FM87.9 – 107.9MHz / AM530-1710kHz
Europe Frequency: FM87.5 – 108MHz / AM522 – 1620kHz
Intermediate Frequency: 10.7MHz
Noise Limit Sensitivity: >5uV
Intermediate Frequency Rejection: 50dB

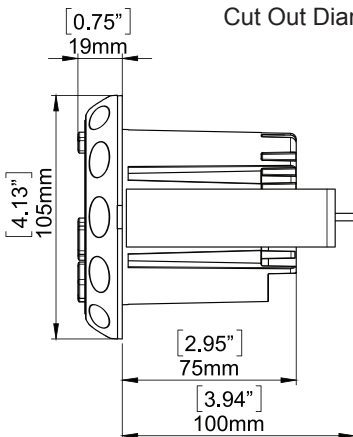
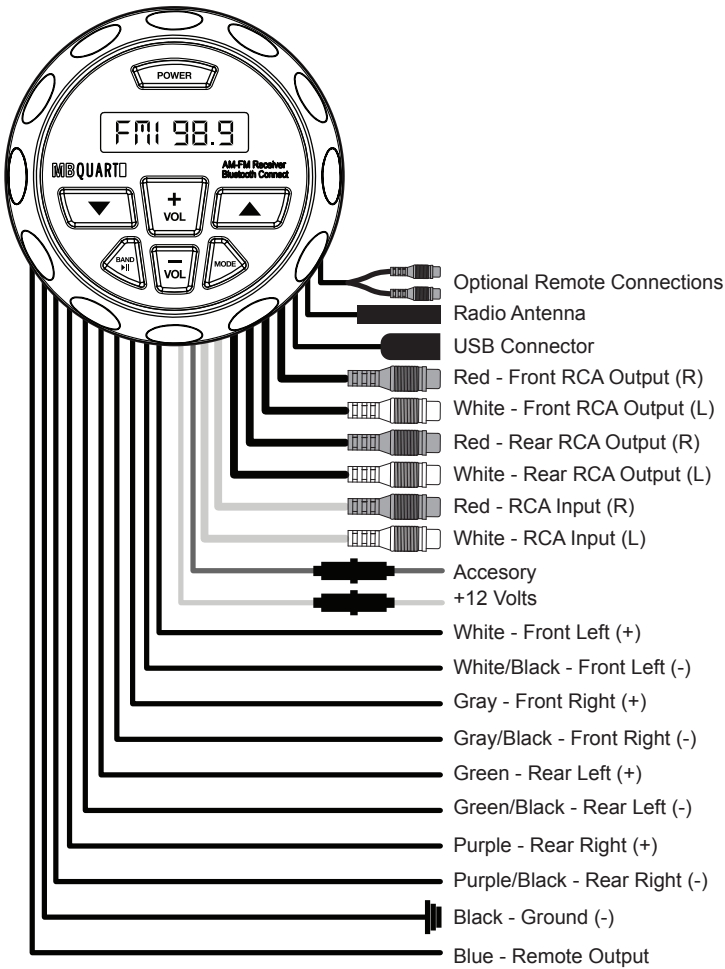
MP3 Section

Signal to Noise Ratio: >55dB
Frequency Response: 20Hz – 20KHz
A/D Conversion Filter: 16BIT

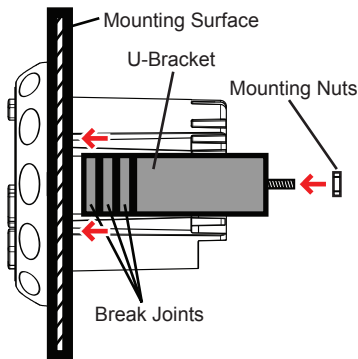
Audio & Other Section

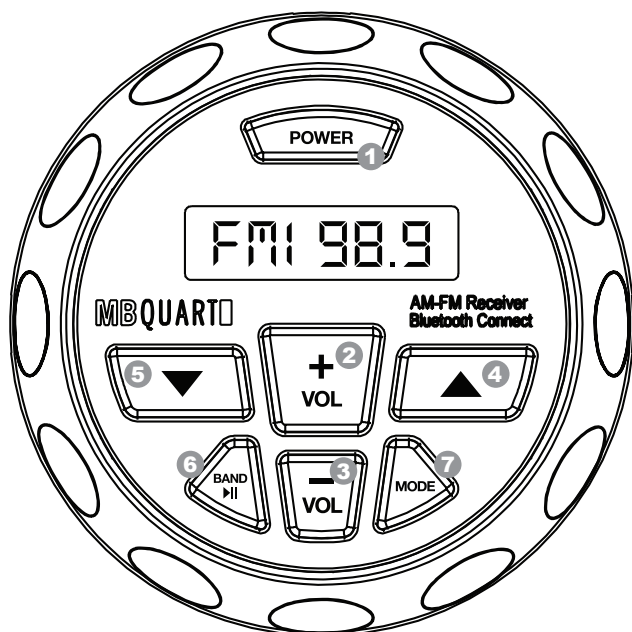
Power Output: 4 x 40 Watts Maxx
Power: DC +12 Volt Battery
Load Impedance: 4 - 8 Ohms / Channel

Wiring & Mounting



Cut Out Diameter: 3" / 76.2mm





Controls

1 POWER Button

- Press the POWER button to power on the unit.
- Press the POWER button to mute the audio.
- Press and hold the POWER button to power the unit off.

2 VOL+ Button

- Press the VOL+ button to increase the volume.

3 VOL- Button

- Press the VOL- button to decrease the volume.

4 ▲ Button

- Press the ▲ button to track up.

5 ▼ Button

- Press the ▼ button to track down.

6 BAND ►|| Button

- Press the BAND button to switch between AM & FM in Radio mode.
- Press the BAND button to play / pause in USB mode.

7 MODE Button

- Press the MODE button to switch between RADIO / BT / MUSIC / USB / AUX IN.
- Press and hold the MODE button for 2 seconds to access the Adjustment Menu.

Basic Operation

Radio (AM/FM) Operation

- Press BAND button to switch between AM & FM.
- Press the ▲ or ▼ buttons less than 2 seconds to automatically seek the next / previous strong radio stations.

Apple Control / USB / MP3 Operation

- Insert a USB device and the unit will read the music files automatically.
- Press the ▲ or ▼ buttons to play next / previous song.
- Press and hold the ▲ or ▼ buttons for more than 2 seconds to fast forward / rewind the song.
- Press the ►|| button to pause / resume the current song.

Bluetooth Operation

This unit supports Bluetooth for wireless music streaming from a mobile device.

BT Connection Function:

- Power on your GMR-3 unit
- Turn on the Bluetooth on your device.
- Scan for the Bluetooth Unit "MB QUART" on your mobile device.
- Select "MB QUART" and the connection will then be made automatically.

Note: Some Bluetooth devices require inputting a pass code for connection. Please input code "0000" and the connection will be made automatically.

Note: Once the unit has made a connection with your Bluetooth device for the first time, the unit can then connect to your Bluetooth device automatically within a valid range.

BT Audio Function:

- Press the ▲ or ▼ buttons for previous / next song.

Clock Display & Adjustment

- Press and hold the BAND button for 2 seconds to display the clock.
- When the clock is displayed, press and hold the BAND button until the hour number is flashing, then use the VOLUME buttons to adjust the hour.
- Once the hour is set, press the BAND button until

Adjustment Menu

To access the Adjustment menu press and hold the MODE button for 2 seconds and then press the MODE button to switch between BAS / TRE / FAD / LOUD / EQ / AREA USA-EUR / TIME MODE / BEEP.

Equalization (EQ)

- Use the VOLUME buttons to select EQ as FLAT, CLASSIC, POP or ROCK. Default setting is "OFF."

Area Tuning

- This option allows you to select the appropriate frequency spacing for your location (USA or Europe).
- Use the VOLUME buttons to switch between USA and Europe frequencies.

Time Format

- Use the VOLUME buttons to switch between 12 hour (USA) and 24 hour (Europe) clock.

BASS Level

- Use the VOLUME buttons to adjust the Bass Level range from -7 to +7. Default setting is "0."

TREBLE Level

- Use the VOLUME buttons to adjust the Treble Level range from -7 to +7. Default setting is "0."

BALANCE Control

- Use the VOLUME buttons to adjust the Balance Level between the left and right speakers from L7(full left) to R7(full right).

FADER Control

- Use the VOLUME buttons to adjust the FADER between the front and rear speakers from F7(full front) to R7(full rear).

LOUD Control

- Use the VOLUME buttons to select Loudness either ON or OFF. Default setting is "OFF."

BEEP Control

- Use the VOLUME buttons to select if BEEP sound is either ON or OFF. Default setting is "ON."

Diagnostics & Trouble Shooting

Problem	Cause	Solution
No power	1. Incorrect wiring 2. Fuse is blown 3. The wiring harness is not connected	1. Re-check wiring 2. Replace fuse 3. Re-check wiring harness connection
No sound	1. Volume is too low 2. Speaker connection loose or wired incorrectly	1. Increase volume 2. Double check connection and re-attach
No reception	1. The antenna cable is not connected 2. The signals are too weak	1. Insert the antenna cable securely 2. Select a station manually
USB stick not reading	1. Music file is neither MP3 or WMA format	1. Convert music file format into MP3 or WMA format
AUX Input or RCA Output distortion	1. Volume may be up too much on external device	1. Lower volume on external device until distortion goes away

If you have problem or question that wasn't mentioned above please visit our website at MBQuart.com and go to the TEQ Support section or the Frequently asked questions.

FCC Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a mobile installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complied with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.



MBQuart.com
#MUSICDEFINED

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.

MBQuart products are designed and engineered in the USA by

MAXXSONICS®

www.maxxsonics.com

MBQ GMR-3 QSG 01 - rev1

UTV & RZR Tuned Audio Systems



MBQ-STG1-RAD

AM/FM, Bluetooth Controller

INCLUDED:

- AM/FM, Bluetooth Controller
- RZR-DASHR dash pocket mounting adapter

For additional technical information on this and all MB QUART products, go to the "SUPPORT" tab at MBQUART.com

There you will find helpful, FAQ, TEQ Tips and you can contact Technical Support via email.
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MB QUART AM/FM, Bluetooth Source Unit for RZR

Thanks for choosing MB QUART. This is a special mounting system for our AM/FM Bluetooth Source unit.

Follow the instructions inside the source unit for connecting the source unit to power, external amplifiers and speakers. Make sure to check out all the components, upgrades and Stages available for RZR on the website MBQUART.com

We have made the install process so simple that you will be in and out of the machine in about an hour.

IN THE BOX

- AM/FM, Bluetooth Source Unit
- RZR-DASHR – DIN mounting adapter for gauge mount radio
- Plastic insert for switch if unused

SAFETY

Always make your machine safe before installing any accessories

- Make sure the ignition is off and the key removed
- Remove the negative terminal of the battery
- Safety Glasses - always wear eye protection

TOOLS REQUIRED

- T-40 Torx (1) on the back of the DIN box

STEP 1 – REMOVE THE HOOD

Remove the hood by turning the thumb screws and setting the hood aside.

STEP 2 – REMOVE THE DASH

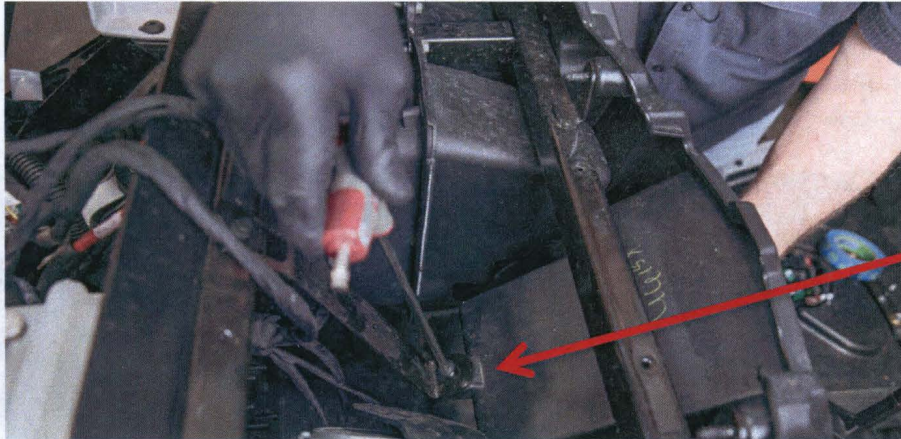
Remove the dash by removing the (2) T-40 Torx screws. Pull the dash forward towards the cabin. You will need to remove the gauge, headlight and 4WD switch connectors.

For additional technical information on this and all MB QUART products, go to the "SUPPORT" tab at MBQUART.com

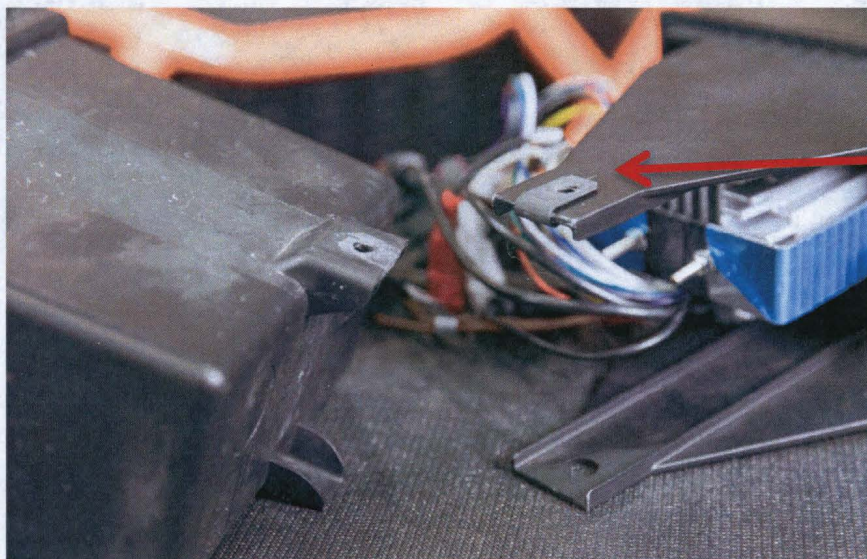
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STEP 3 – TORX

Looking down toward the firewall you will see (1) T-40 Torx that holds the dash pocket into place. You will remove that Torx and then remove the dash pocket through the front of the dash.



There is a small metal clip on the dash pocket, you will need to move this clip to your new RZR-DASHR adapter.



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STEP 4 – MOUNT THE SOURCE UNIT

Refer to the mounting instructions included with your Source Unit to secure it to the RZR-DASHR

STEP 5 – WIRE IT UP

Depending on your audio components and system, you can now wire up power, ground and accessory connections. For audio, connect amplifiers and/or speaker connections.



STEP 6 – TEST & TUNE

Reconnect the battery for a moment while you power up your system and confirm everything is working. Disconnect battery for reassembly of the RZR.

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STEP 7 – REASSEMBLY

Reassemble the Dash making sure that gauge, headlight and 4WD switch connectors are plugged into the appropriate switches. Use (2) T-40 Torx Screws to secure the dash.

STEP 8 - 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 #RZRLife

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