



MB QUART RVM-10V1 RV Touchscreen Media Receiver Owner's Manual

[Home](#) » [MB QUART](#) » MB QUART RVM-10V1 RV Touchscreen Media Receiver Owner's Manual 

MBQUART®
MUSIC. DEFINED.

OWNER'S MANUAL

RVM10V1

10" MECHLESS SOURCE UNIT



Contents

1	SAFETY INFORMATION
2	INSTALLATION
3	CONNECTIONS
4	SOURCE UNIT
5	OPERATION
6	RADIO OPERATION
7	MUSIC/VIDEO/PHOTO PLAYING OPERATION
8	AUX IN / AV IN OPERATION
9	BLUETOOTH SOURCE OPERATION
10	CAMERA OPERATION
11	REMOTE OPERATION
12	FCC Notification
13	Documents / Resources
13.1	References

SAFETY INFORMATION



CAUTION

Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit protect you only if you observe the following procedures for installation, use, and servicing.

Notes:

- Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle. (This installation may require drilling holes and/or cutting, professional installation is recommended.)
- Choose the mounting location where the unit will not distract interfere with the normal driving function of the driver.
- Properly secure the unit to the mounting panel, using the provided hardware
- Before final assembly, test the unit for functionality
- Keep the volume level low enough to be aware of road and traffic conditions.
- Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, from the heater, or where it would be subject to dust, dirt, or excessive vibration.
- This product is designed to operate with a 12-Volt DC

INSTALLATION

Avoid installing the unit where it would be subject to high temperatures, such as from direct sunlight, hot air, heater, or where it would be subject to dust, dirt, or excessive vibration.

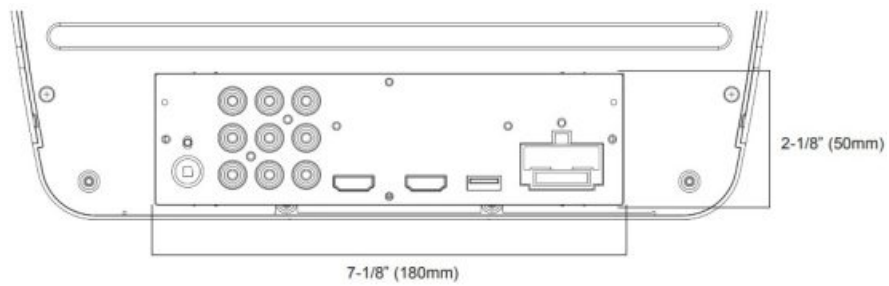
DIN FRONT/REAR-MOUNT

This unit can be properly installed either from “Front”(conventional DIN Front-mount) or “Rear” (DIN Rear-mount installation, utilizing threaded screw holes at the sides of the unit chassis).

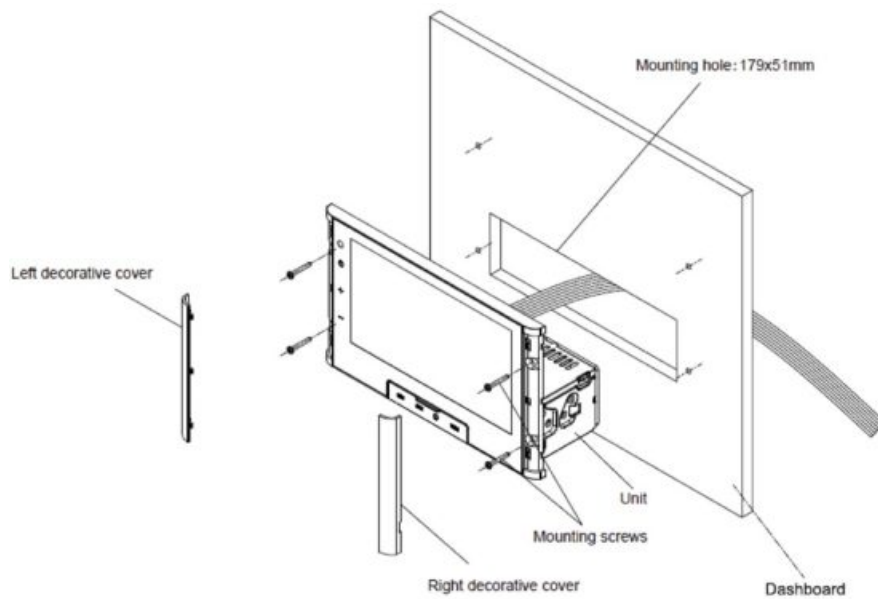
For details, refer to the following illustrated installation methods.

INSTALLATION OPENING

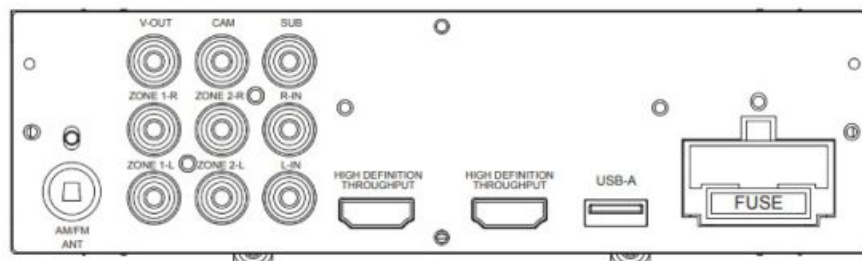
Source Unit can be installed in any dashboard having a 7-1/8” (180mm) x 2-1/8” (50mm) opening as shown below:



1. Take off the decorative cover
2. Put the unit into the mounting hole of the dashboard
3. Install 4 screws
4. Attach the left decorative cover and the right decorative cover



CONNECTIONS



PIN NO .	WIRE COLOR	LABEL	PIN NO.	WIRE COLOR	LABEL
1			11		
2	PINK	REAR CAM TRIGGER	12		
3			13		
4	BROWN	BRAKE	14	RED	ACC
5	BLUE	POWER ANTENNA	15	YELLOW	BATTERY+
6	BLUE/WHITE	AMP REMOTE ON	16	BLACK	GROUND
7	GRAY/BLACK	ZONE1 RIGHT SPK (-)	17	WHITE/BLACK	ZONE1 LEFT SPK (-)
8	GRAY	ZONE1 RIGHT SPK (+)	18	WHITE	ZONE1 LEFT SPK (+)
9	PURPLE/BLACK	ZONE2 RIGHT SPK (-)	19	GREEN/BLACK	ZONE2 LEFT SPK (-)
10	PURPLE	ZONE2 RIGHT SPK (+)	20	GREEN	ZONE2 LEFT SPK (+)

1. Please make sure the BATTERY+ (YELLOW) and ACC (RED) pin locations are correct before making connection. These two pins may be different in certain vehicles. Wrong connection of these two pins will burn the fuse.
2. "Reverse Trigger" wire must be connected to "ground" in order to activate the video function.
3. This player can only be used by the 12-V DC grounding electrical system.
4. Please make sure to connect the yellow wire to the positive of the battery (+).
5. When changing the fuse, replace with a new fuse of the same rating.

SOURCE UNIT



1. IR Remote Sensor
2. Mute
3. USB
4. AUX-IN
5. Headphone Button



6. High Definition Throughput
7. VOLUME +
8. VOLUME –

OPERATION

TURN ON/OFF THE UNIT AND ALL MUTE FUNCTION

Press the button to turn on the unit. When the unit is powered on, Shortly press this button for both ZONE1 and ZONE2 mute on/off. Press and hold turn off the unit.

ZONE1 OR ZONE2 INDIVIDUALLY MUTE OPERATION

In every source, tap  or  icon, at top of screen, for ZONE1 or ZONE2 mute on/off.


SOURCE CHANGE

Press  or  to show the main menu. Choose your desired source in this menu.

ZONE1/ZONE2 VOLUME UP/DOWN

Press “+”/“-” button to up/down both ZONE1 and ZONE2 volume together. In the volume pop-up window, you can individually slide ZONE1 or ZONE2 volume bar to up/down.

AUDIO SETTING

Press  icon to set the audio setting screen. You can set ZONE1 or ZONE2 below preferences: BAS/TRE/BAL/LOUD/EQ/BEEP.



BEEP ON/OFF

Beep on: enables audible beep function allows you to hear the beep tone through the speakers whenever a button is pressed on the unit.


SUB ON/OFF AND SUB LPF

Click “80Hz” letter to change the LPF to 80Hz/120Hz/160Hz/SUB off.

(Note: When the 80Hz/120Hz/160Hz is selected, the SUB is in the ON status.)



SETTINGS ADJUSTMENT

In main menu, press the  icon to enter settings menu. Press the corresponding icons to adjust: Language/Radio Area/Time/Other/Display/Wallpaper/System Info.

LANGUAGE SELECTION

In this item, you can select: English/Spanish/French/Italian...

RADIO AREA

In this item, you can select: Europe/USA/South America/Russia

TIME SETTING

In this item, you can adjust the clock, 12Hr/24Hr format and time synchronization with the station. If the “SYNC” is turned on, when an RDS station is received, the clock will be synchronized with the station’s clock.

OTHER

In this menu, you can set the “Video Warning” on/off, “Factory Data Reset”, and “Software Update”.

VIDEO WARNING ON

It needs the “BRAKE” wire connected to the ground to watch video or photo.

VIDEO WARNING OFF

It doesn't need the "BRAKE" wire connected to the ground to watch video or photo.

FACTORY DATA RESET

Click the "Factory Data Reset" then click "YES" to restore all the data to the factory settings.

(Note: If the "Factory Data Reset" Function is executed, All the Memories will be lost!)



DISPLAY

In this menu, you can set the value of Brightness/Contrast/Saturability/Hue.

WALLPAPER

In this menu, you can change the wallpaper.

SYSTEM INFO

MCU and MPEG software version information.

DIMMER FUNCTION

In main menu, press the ☀ icon to the brightness to LOW/HIGH.

DISPLAY ON/OFF

In main menu press the ☾ icon to make the display off. Press anywhere on the screen to restore the display.

RESET BUTTON

on the panel, there is a "RESET" button, Press this button to restart the unit (Not the reset the memory). If you want to clear the memories. Please use the "Factory Data Reset" function which in the "Other" item of the "Settings"

RADIO OPERATION

RECEIVE A RADIO STATION

There are 3 FM station groups – FM1, FM2 and FM3. There are 2 AM station groups AM1 and AM2.

- Tap the "FM1" to change the Radio BAND to FM2/FM3/AM1/AM2/FM1.
- Press and quickly release the ►► / ◄◄ button to tune by automatically seeking up or down to the next available radio station frequency.
- Press and hold the ►► / ◄◄ button for manual tuning up or down to the desired frequency.

MANUALLY STORE AND RECALL RADIO STATION PRESETS

The unit offers 6 presets for each of the AM and FM station groups. There are a total of 18 FM presets and 12 AM presets.

- To store radio station presets, press and hold one of the preset buttons. (such as) for 2 seconds. The current station is stored in the number button.
- To recall a given radio station preset, quickly press the preset button (such as) to directly listen to the station saved in the corresponding preset button.

AUTO-STORE STATIONS

This is a useful method to populate available radio stations in a new area.

- Press button to automatically store stations to numeric buttons 1-6 of band 1, 2 or (if FM) 3. Stations will store in the order of scanning and reception.

Use front panel buttons 1-6 to recall presets.

PRESET STATIONS SCAN

Press “PS” button to listen to each preset station for 5 seconds.

STEREO/MONO FUNCTION

Press button to change between stereo and mono.

LOC ON/OFF FUNCTION

Press “LOC” button to turn on/off LOCAL function.

LOC ON: Receive strong signal stations only.

LOC OFF: Receive strong and weak signal stations.

RDS OPERATION

Press “RDS” button to show the RDS menu pop-up window: AF/TA/PTY. You can turn on/off the AF/TA function in this pop-up window.

TA ON

When received a (traffic announcement) TA station it will switch temporarily to radio mode to listen to the TA station whatever in RADIO/USB/AUX/BT mode. If the volume level was under the TA volume it will be raised to the TA volume automatically.

TA OFF

Turn off the TA function.

AF ON

Symbol “AF” appears on the display. Program name is displayed on 12 receiving a RDS station. “AF” symbol starts blinking if the broadcasting signal getting worse. It will start to search the stronger station which in AF list and switch to the good station. If it doesn't find a stronger station in AF list. It will activate the PI (Programmed Identification) SEEK mode to search station which as same PI.

AF OFF

Switch off the AF mode.

(Note: The AF feature is only available in Europe.)

PTY OPERATION

In the RDS pop-up window, tap the “PTY” (program type) button to show the PTY list, then select one of the PTY options, it will start to seek this PTY station.

MUSIC/VIDEO/PHOTO PLAYING OPERATION

When a USB source such as a thumb drive is inserted to the USB port on the front panel of the unit, it supports playback of MP3 and WMA files automatically.

SELECTING MUSIC FILE

- Press the NEXT ►►I or PREVIOUS I◄◄ button to skip to next/previous file.
- Hold the NEXT ►►I or PREVIOUS ►►I button to fast forward or rewind.

You can also swipe the progress bar to fast-forward and rewind

PLAY/PAUSE

Press  button to play/pause the playback.

REPEAT ONE/ALL

Press the button select “Repeat One” or “Repeat All”.

Repeat One: Repeat the same file.

Repeat All: Repeat all files.

RANDOM ON/OFF

Press the  button select the “Random On” or “Random Off”.


Random On: Plays all files in random order.


Random off: Turns off the random function.

PLAYLIST OPERATION

Press the button to list the playlist. Then tap the desired file to play.

MUSIC/VIDEO/PHOTO switch

Press the  button to list the playlist. Unsure of icon Press the Music/Video/Photo icon on the left of the screen. It will change to playlist. Then tap the desired file to play.

(You also press the  button return to the main menu, then press “Music”/”Video”/”Photo” icon to switch to corresponding source.

AUX IN / AV IN OPERATION

- After connecting the audio and video signal to the unit. In the main menu, Click the AUX IN or AV IN icon switch to AUX IN or AV IN source.
- Choose AUX IN for front panel 3.5mm jack. Choose Av IN for preamp-level RCA input on the back of the unit.

HEADPHONE JACK

There is a 3.5mm headphone jack in the front panel to allow for use of wired headphones.

- When a headphone plug is inserted into the jack, the unit’s speakers are muted.

BLUETOOTH SOURCE OPERATION




BLUETOOTH PAIRING

You must first pair a Bluetooth-enabled device to stream music to your unit.


- Select “search” or “discover” on the Bluetooth device while the unit is in the BT MUSIC mode. “RVM_10V1” should appear in the list of available devices. Select “RVM_10V1”.
- If a password is required, input “0000.”
- When successfully paired, BT MUSIC is displayed on LCD. If no Bluetooth device is paired, “UNPAIRED” will show in the LCD display.

STREAM BLUETOOTH AUDIO

This unit supports Bluetooth music streaming using the Headset Profile (HSP). It also supports text readout from compatible BT streams.

- Using a Bluetooth-enabled device, press the button then tap “Bluetooth” icon to switch to BT MUSIC source. It will play a song from the BT device automatically if it’s been selected in the music player on the device.
- Press the  button to play/pause the song. Press  /  button to select next/previous song.

CAMERA OPERATION

When camera trigger is connected to a high level (+12V) – it will switch to CAMERA mode automatically (or in main menu – press “Camera” icon switch to CAMERA mode). Press anywhere on the screen to show the function bar at the top. Tap the  icon to revert back to the main menu.

OPERATION

PHONE LINK

When a mobile phone is connected to the unit via USB cable, it will switch to PHONE LINK mode automatically (needs to be paired and connected to Bluetooth). Also, in the main menu, press the “Phone Link” icon and you can switch to Phone Link mode.



HIGH DEFINITION THROUGHPUT

The front High Definition Throughput port is pass through to the rear High Definition

Throughput port (so any operation will not affect the High Definition Throughput playback).

REMOTE OPERATION

REMOTE CONTROL KEY FUNCTIONS

KEYS	ACTION	RADIO	USB	AUX	BLUETOOTH
POWER	Short	Power on/off	Power on/off	Power on/off	Power on/off
	Long	/	/	/	/
ZONE 1 MUTE	Short	Zone 1 mute on/off	Zone 1 mute on/off	Zone 1 mute on/off	Zone 1 mute on/off
	Long	/	/	/	/
ZONE 2 MUTE	Short	Zone2 mute on/off	Zone2 mute on/off	Zone2 mute on/off	Zone2 mute on/off
	Long	/	/	/	/
ZONE1	Short	Active Zone1 VOL	Active Zone1 VOL	Active Zone1 VOL	Active Zone1 VOL
	Long	/	/	/	/
ZONE2	Short	Active Zone2 VOL	Active Zone2 VOL	Active Zone2 VOL	Active Zone2 VOL
	Long	/	/	/	/
MODE	Short	Source change	Source change	Source change	Source change
	Long	/	/	/	/
BAND	Short	Band Change	/	/	/
	Long	/	/	/	/
AMS	Short	Preset scan	Song List	/	/
	Long	Auto Store	/	/	/
VOL+	Short	Volume up	Volume up	Volume up	Volume up
	Long	Volume up fast	Volume up fast	Volume up fast	Volume up fast
VOL-	Short	Volume down	Volume down	Volume down	Volume down
	Long	Volume down fast	Volume down fast	Volume down fast	Volume down fast
	Short	Seek down	Previous file	/	Previous file
	Long	Manual tune down	Fast reverse	/	/
	Short	Seek up	Next file	/	Next file
	Long	Manual tune up	Fast forward	Reset	/
SEL	Short	Zone 1 EQ/ Zone 2 EQ	Zone 1 EQ/ Zone 2 EQ	Zone 1 EQ/ Zone 2 EQ	Zone 1 EQ/ Zone 2 EQ
	Long	/	/	/	/

EQ	Short	Zone 1/2 EQ (POP-ROCK-CLAS –JA ZZ-BEAT-US-ER)	Zone 1/2 EQ (POP-ROCK-CLAS –JAZ Z-BEAT-USER)	Zone 1/2 EQ (POP-ROCK-CLAS –JA ZZ-BEAT-US-ER)	Zone 1/2 EQ (POP-ROCK-CLAS –JA ZZ-BEAT-US-ER)
	Long	/	/	/	/

REMOTE OPERATION

KEYS	ACTION	RADIO	USB	AUX	BLUETOOTH
DISP	Short	/	/	/	/
	Long	/	/	/	/
1/▶ 	Short	Recall 1 station	Play/pause	/	/
	Long	Save station to 1	/	/	/
2/INT	Short	Recall2 station	/	/	/
	Long	Save station to 2	/	/	/
3/RPT	Short	Recall3 station	RPT one/all	/	/
	Long	Save station to 3	/	/	/
4/RDM	Short	Recall4 station	RDM on/off	/	/
	Long	Save station to 4	/	/	/
5/-10/ DIR	Short	Recall5 station	-10	/	/
	Long	Save station to 5	/	/	/
6/+10/ DIR +	Short	Recall6 station	+10		
	Long	Save station to 6	/	/	/

RADIO & AUDIO SPECIFICATION

	FM	AM	MP3/WMA
Tuning Range	87.5-107.9MHz	530 – 1710Khz	N/A
Sensitivity	4uV (S/N=30dB)	63uV (S/N=20dB)	N/A
S/N Ratio	50dB	45dB	60dB
Stereo Separation	>25dB	N/A	50dB
Frequency Response	40Hz – 12KHz	100Hz – 2KHz	20Hz – 16KHz

AUDIO SUPPORTED FORMATS

Audio Format	Profile	Max Bitrate	Max Sample Rate
MP3	All	320kbps	48000
WMA	Standard/Pro	384 kbps	48000
OGG	Q1 Q10	500 kbps	48000
FLAC	Lever0- Lever8	1.60Mbps	48000
APE	N/A	950kbps	48000
AAC	N/A	448kbps	48000
AC3	AC3 Only	640kps	48000
ATRA	N/A	132kbps	44100
DTS	DTS only	3.84Mbps	48000

PHOTO SUPPORTED FORMATS

Photo Format	Max Resolution	Profile
JPEG	Unlimited	Baseline
BMP	2.5M pixels	ALL
GIF	2.5M pixels	89a/87A
PNG	2.5M pixels	ALL

VIDEO SUPPORTED FORMATS

Video Format	Resolution	Video Decode
MKV	1280×720	MPEG4/XVID,DIVX4/DIVX5/MSMPEG4V3,MPEG2,RV1.0/RV2.0/RVG2,RV3.0/RV4.0/RV8
	720×480	H264/AVC
	640×480	DIVX3
AVI	1280×720	MPEG4/XVID,DIVX4/DIVX5/MSMPEG4V3,MPEG2
	720×480	H264/AVC
	640×480	DIVX3
MOV/MP4	1280×720	MPEG4/XVID,DIVX4/DIVX5/M MPEG4V3,MPEG2,MPEG1,H2 63,MJ PEG
	720×480	H264/AVC
	640×480	DIVX3
TS	1280×720	MPEG2
	720×480	H264/AVC
ASF	1280×720	MPEG4/XVID,DIVX4/DIVX5/
	720×480	MPEG4/XVID,DIVX4/DIVX5/ MSMPEG4V3,MPEG2,MPEG1,H2 63,M JPEG
	640×480	DIVX3
FLV	1280×720	H263
	720×480	H264/AVC
PMP	1280×720	MPEG4/XVID
	720×480	H264/AVC
RMVB	1280×720	RV1.0/RV2.0/RVG2,RV3.0/RV4.0/RV8/RV9
MPG/VOB	1280×720	MPEG2,MPEG1
WMV	1280×720	MPEG4/XVID
	720×480	DIVX4/DIVX5/MSMPEG4V3,MPEG2

FCC Notification

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. If not installed and used in accordance with the instructions, this equipment may cause harmful interference to radio communications. 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 a minimum distance of 20cm between the radiator and your body.

  [MBQuart.com](https://www.MBQuart.com)

#MUSIC DEFINED

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, LLC. 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, LLC. 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, LLC. 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, LLC. 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.


MB Quart products are designed and engineered in the USA by

MAXXSONICS®

www.maxxsonics.com



Documents / Resources

 The image shows the front cover of the MB QUART RVM10V1 Owner's Manual. It features the MB QUART logo at the top, followed by the text "OWNER'S MANUAL" and a line drawing of the device. At the bottom, the model number "RVM10V1" is printed.	<p>MB QUART RVM-10V1 RV Touchscreen Media Receiver [pdf] Owner's Manual RVM10V1, 049RVM10V1, RVM-10V1 RV Touchscreen Media Receiver, RVM-10V1, RV Touchscreen Media Receiver, Touchscreen Media Receiver, Media Receiver, Receiver</p>
---	--

References

- [Maxxsonics | Powered by Maxxsonics. | Audio Stores Online](#)
- [User Manual](#)

Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.