APP CONTROLLED BLUETOOTH WEATHERPROOF RGB SPEAKER LIGHT

INTELLIGENT LED

MODELS
RVM2000
RVM2001

Congratulations on your purchase of this Premium RV Media Bluetooth Speaker with integrated Awning Light.

Designed with the RV enthusiast in mind, this speaker allows you to easily add an external speaker to your RV using the latest Bluetooth Streaming technology.

Not only suitable for RVs, there are many other uses for this speaker such as: marine applications, pergolas, pool areas, garages, etc. - anywhere you can mount the speaker within reach of 12VDC or a 110VAC power adaptor* (sold separately), and where you would like the added convenience of a super bright LED light!

SPECIFICATIONS

POWER
Operating Voltage: 12V
100W Max Audio Output Power
LED Power Consumption 0.75A @ 12V Max
Max Total Power Consumption: 3A @ 12V

BLUETOOTH
Output Power Class 2
Frequency Band 2.4000GHz - 2.4835GHz
Bluetooth 4.0 Specification
Typical Range up to approximately 30 Feet (if no obstructions)

Package contents listed on back.

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QUICK START GUIDE

1. Power Up
Turn on the speaker using the awning light switch if the speaker light has been connected to the original awning light wiring. If connected to the optional power adaptor* (sold separately), use the switch on the speaker light (see CONNECTION DIAGRAM at far right).

2. Connect your Device
Open the Bluetooth menu on your device to search for your RV Media Bluetooth speaker. Its Bluetooth device name is "RV Media RGB."

⚠ Upon first use, the speaker will not appear on your Bluetooth device list for approximately 8 seconds. Once it appears, select "RV Media RGB" to connect. No pin number or password is required.

3. Listen to Music!
You can stream music to the speaker without using the dedicated app. Use the volume control on your device to control the volume of the speaker.

4. Get the App
The RV Media free app is available both on the Apple app store and Google Play. Search "RV Media" to download the app for your device.

Apple app

5. Using the App
To use the app, please follow these steps:
a) Turn on the RV Media Bluetooth Speaker Light.
b) Connect your device as per step 2 above.
c) Open the app. The app will search for the speaker then open the Light On/Off and Color Selection menu.
d) Use the app to control the light functions.

Google Play app

6. Bluetooth Connection & App Troubleshooting
After first connection of your device to the speaker, the speaker should automatically reconnect the next time it is powered up (providing Bluetooth is enabled on your device). If you reopen the app but it fails to reconnect to the speaker, please close the app then reopen it. Please use the following procedures to close the app:

Apple - double click on the home button to open a list of apps running in the background, then locate the RV Media app and swipe up to close the app.

Android - Launch the Recent Applications Menu (this varies from device to device so check your user documentation if you are unsure how to find this menu). Locate the RV Media app and swipe to the right to close it.

7. Reconnecting the Devices
When you power up the RV Media Speaker Light, it will first attempt to reconnect to a device that was previously connected (this applies to the last 5 devices connected to the speaker).

PLEASE SEE BACK OF THIS GUIDE FOR ADDITIONAL INFORMATION ON OPERATION AND APP FUNCTIONS.

RV INSTALLATION

LOCATION
The RV Media Bluetooth Speaker Light operates on 12VDC and is intended to be installed on the exterior of your RV, ideally replacing an existing awning light. However, you can install it anywhere outside or inside the RV as long as you can connect it to 12VDC.

INSTALLATION (see CONNECTION DIAGRAM at right)
If installing in place of an exterior awning light, please use the following steps as a guide:

1. Carefully remove the existing awning light. Disconnect the RV's wiring from the light and keep the wiring accessible for the next step.
2. Connect the red wire of the supplied male power lead to the RV's +12V wire, and connect the black wire to the RV's ground wire. Make these connections with suitable crimp terminals or solder and heat shrink.
3. Mark the location of the 4 mounting screws. Be careful to ensure the screws will not damage any materials behind the mounting surface.
4. Mount the optional locating brackets using the center screw (only) with the hook part at the bottom. These brackets provide reinforcement for the speaker plus they can be used as a temporary, removable mounting option if required.
5. Apply the foam sealing tape around the back edge of the speaker.
6. Plug the female power lead attached to the speaker light into the male power lead that was wired in step 2. We suggest that this connection be secured with electrical tape. Mount the speaker using the 4 supplied screws taking care not to overtighten the screws. Please ensure the wiring is recessed as much as possible in the hole it emerges from and ensure that any remaining cable is stored in the cavity on the back of the speaker. Press in the supplied screw covers to hide the screws.
7. To complete the installation, use a suitable RV sealant to seal around the edge of the speaker to ensure a water tight seal.

NOTE: If you are unsure about any aspects of the installation, please seek the advice of an experienced RV installation technician or electrician.

INSTALLATION IN OTHER LOCATIONS

For installations in marine applications, home pergolas, pool and entertainment areas etc., when a direct 12V power source is not available, please use the optional RV Media 110VAC/12VDC power adaptor* (sold separately). The power adaptor converts 110VAC to the required 12VDC and features an extra long 9 foot power cord to ensure it reaches the Bluetooth Speaker.

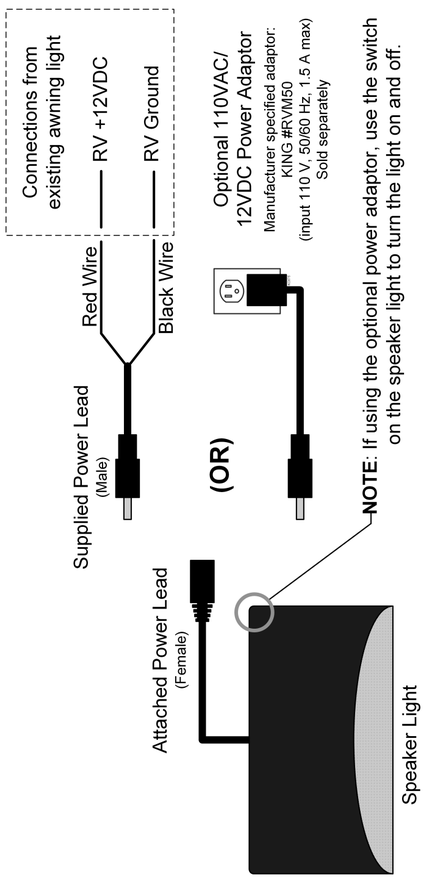
NOTE: The power adaptor should be located in a dry environment.

*Manufacturer specified adaptor - KING #RVM50 (input: 110-240 V, 50/60 Hz, 1.5 A max)

CONNECTION DIAGRAM

NOTE: If using the supplied power lead, make connections with crimp terminals or solder and heat shrink.

Use the existing awning light's switch to turn speaker light on and off.



NOTE: If using the optional power adaptor, use the switch on the speaker light to turn the light on and off.

OPERATION

POWER UP THE SPEAKER LIGHT
To ensure easy operation when the Bluetooth Speaker Light is installed in place of an awning light, use your RV awning light power switch to turn the Speaker Light on or off. When the Speaker Light is installed in other locations using the optional 110VAC to 12VDC power adaptor* (sold separately), please use the speaker's on/off switch (located on right hand corner of speaker) to turn the LED light on or off.

BLUETOOTH CONNECTION
The RV Media App Controlled Bluetooth Speaker Light connects to devices such as Smart Phones and Tablets using Bluetooth A2DP Audio Streaming technology.

1. When powered on, the speaker will attempt to connect to a device that has been paired to it previously. The red LED at the bottom will begin to flash while the blue LED is illuminated constantly. Depending on how many devices have been paired previously, the speaker will remain in this mode for around 8-30 seconds. During this time, the speaker will not be visible to devices that have not connected to it before.

2. After this period, if a device connected previously is not present, or you are connecting for the first time, the red and blue LEDs will flash alternately and "RV Media RGB" will become visible on your Bluetooth Device list. At this time you can select "RV Media RGB" to connect to the Bluetooth Speaker.
(To connect to the speaker, open the Bluetooth menu on your device and search for new devices. Select "RV Media RGB" to initiate connection.)

You do not need to enter a PIN code to connect a device to this speaker.

3. When connected, both red and blue LEDs will illuminate constantly to confirm that a device is connected to the speaker.

4. Only one device can be connected at a time but a maximum of 5 devices, once paired, can be stored in memory. This means that a device previously paired will automatically pair once the speaker is turned on providing the device is within range. If, for example, a 6th device is paired with the speaker, the oldest device will be erased and will need to be manually reconnected if used again.

5. Once connected to your device, you can then use your device's audio controls to start music playback and control the speaker's volume level.

6. Audio may also be streamed from many Smart Phone apps such as Internet Radio Stations, Youtube, video players, etc. This feature is dependent on app and device capabilities, software and operating system version.

APP FUNCTIONS
Once you have paired the speaker to your device, you can now open the app (please see the **QUICK START GUIDE** on front for details on installing the RV Media app).

APP FUNCTIONS - MAIN CONTROL SCREEN (FIG. 1)

Light Control
To turn the integrated light on or off, tap on the light bulb symbol (Fig. 1a).

To dim or brighten the light, touch and move the Dimmer icon (Fig. 1b). Move it counter clockwise to dim the light or clockwise to make the light brighter. To change the light's color, select your desired color within the color wheel (Fig. 1e).

Equalizer
The RV Media app also features an integrated audio Equalizer. To use this function, tap on the Equalizer icon (Fig. 1c) and then select your desired sound mode for a selection of: Pop, Rock, Classical, Disco, Jazz or Theater (Fig. 2).
To return to the Main Control Screen, touch the return arrow (Fig. 2a).

Additional Functions (Color Scan, Insect Light, Sleep Timer)
From the Main Control Screen, touch the Additional Function Icon (Fig. 1d) to access the Additional Function Screen (Fig. 3) for the following functions:

Color Scan
This mode constantly changes the light color through the color spectrum. Slide the speed control (Fig. 4a) to vary the scan speed to suit your mood! Great for parties, demonstrations or relaxing.

Insect Light
Turn on the Insect Light mode to help keep insects away from your RV. The amber colored light has been carefully selected specifically for this function.

Sleep Timer
The sleep timer allows you to completely power off the Speaker Light after a predetermined period of time that you select. This is a great security function as well as being useful if someone is, for example, returning to the RV at a later time. When you tap the sleep timer function (Fig. 5a), you can select a sleep time varying from 0 minutes (which turns off the speaker immediately) to 60 minutes. Scroll to your desired time then tap "Confirm" to start the timer.

NOTE: As this function completely powers off the speaker, you will not be able to turn it back on via the app. To power the speaker up again, you will need to turn it off and on at its main power switch (for example the awning light switch on the vehicle).

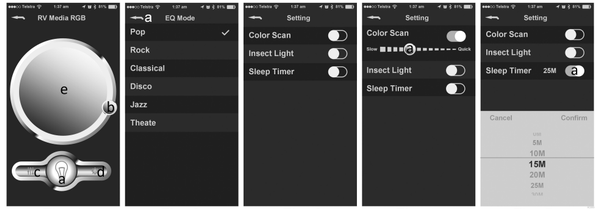


Fig. 1 Fig. 2 Fig. 3 Fig. 4 Fig. 5

RV Media RGB Speaker Light Package Contents

1 x Bluetooth RGB Speaker Light	2 x Mounting Brackets
6 x Mounting Screws	1 x 12V Power Lead
4 x Screw Covers	1 x Setup Guide/Warranty
	Foam sealing tape

TROUBLESHOOTING

Most connection problems can be fixed by manually disconnecting and reconnecting your Bluetooth device to the RV Media Bluetooth Speaker Light.

CONNECTION SECURITY
While this device does not need a PIN code to allow devices to connect to it, your connection is secure and cannot be disturbed by other nearby Bluetooth devices.

Once you have turned on the Bluetooth Speaker Light and connected your Bluetooth device, the speaker ceases being in "discovery" mode and will not be visible to other Bluetooth devices, ensuring your Bluetooth connection with the speaker is uninterrupted.

If while using the speaker, you want to connect a different device to it, it is suggested you use the following procedure:

a) Turn off the speaker.
b) Turn off Bluetooth on the device that had been connected to the speaker.
c) Turn on the speaker and connect the new device to it.

NOTE: The reason you need to turn off Bluetooth on the original device is that the speaker may connect to it first (when you turn it back on) rather than the new device. Once the new device is connected, you can turn Bluetooth on again on the original device.

This system ensures you have a secure connection between your device(s) and the speaker that cannot be interrupted by nearby Bluetooth devices.

CLEANING

While the RV Media Bluetooth Speaker Light is fully waterproof, it is recommended that when cleaning your RV with a pressure washer or high pressure hose that it be covered with a plastic bag and taped to the edge of the speaker.

Bluetooth®

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As RV Media will continually strive to improve our products, specifications and design are subject to change without notice. Please dispose of thoughtfully recognizing local regulations.

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MADE IN CHINA FCC ID: 2AGDW0006V2

LIMITED WARRANTY

The RV Media Speaker Light is covered by a one year parts limited warranty from the date of original purchase. The customer is not responsible for the cost of replacement parts if the original part is determined to be defective under the terms of the warranty. The customer is responsible for the cost of replacement parts after one year.

Only KING may perform warranty evaluations and repairs. Depending upon the problem, KING may authorize a dealer to perform the necessary repairs. Any labor expense outside of that performed at the factory is not covered under this warranty.

Should any trouble develop during the warranty period, contact KING at (952) 922-6889. You must contact KING before the warranty period expires. The customer must supply proof of purchase (such as a dated sales receipt) when requesting warranty service. If the customer cannot supply proof of purchase, warranty period shall start 30 days after date of manufacture.

If it is determined that the unit needs to be returned to KING, customer must return COMPLETE product, freight prepaid, to: **KING, 11200 Hampshire Avenue South, Bloomington, MN 55438**.
If inspection shows the trouble is caused by defective workmanship or material, KING will repair (or at its option, replace) without charge.

When returning product, KING will supply an RMA number (Return Merchandise Authorization).
This number must be clearly written on the box. Failure to clearly write RMA number on box will result in delays in processing claim. Along with product, the customer should include in the box: name, address, daytime phone number, proof of purchase and description of the problem.

This warranty does not cover installation and external wiring, or remanufactured units. This warranty is not transferable from the original owner. This warranty also does not apply where:

- The product has been abused, misused, improperly installed or improperly maintained.
- Repairs have been made or attempted by others that are not certified by KING to do such repairs.
- Repairs are required because of normal wear and tear.
- Alterations have been made to the product or the unit has been opened without authorization.
- Damage has been caused by power washing.
- Circumstances beyond the control of KING cause the product to no longer operate correctly.

In no event shall KING be liable for any indirect, incidental, or consequential damages from the sale or use of the product. This disclaimer applies both during and after the term of the warranty.

KING disclaims liability for any implied warranties, including implied warranties of "merchantability" and "fitness for a specific purpose," after the one year term of this warranty.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 residential 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. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment should be installed and operated with a minimum distance of 8 inches between the radiator and your body.