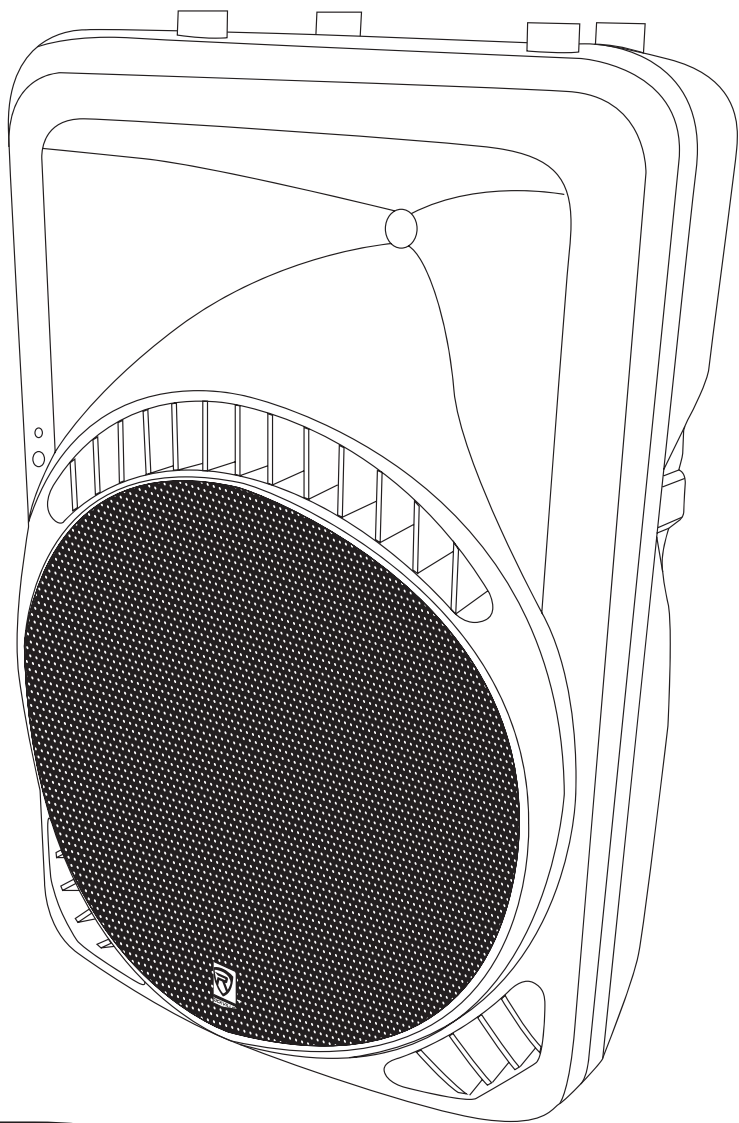


ROCKVILLE



OWNER'S MANUAL



RPG8BT V2/RPG10BT V2
Powered DJ/PA Speaker w/Wireless Stereo Linking

Thank you for purchasing this Rockville RPG BT V2 series Bluetooth® pro audio speaker. Please read this installation guide carefully for proper use of your RPG BT V2 series Bluetooth pro audio speaker. Should you need technical assistance please call our technical help line at 1-646-758-0144, Monday through Friday, 9am to 5pm EST.

Included

- (1) RPG BT V2 unit
- Wireless remote control
- Power cable
- Manual
- Warranty card

IMPORTANT SAFETY INSTRUCTIONS

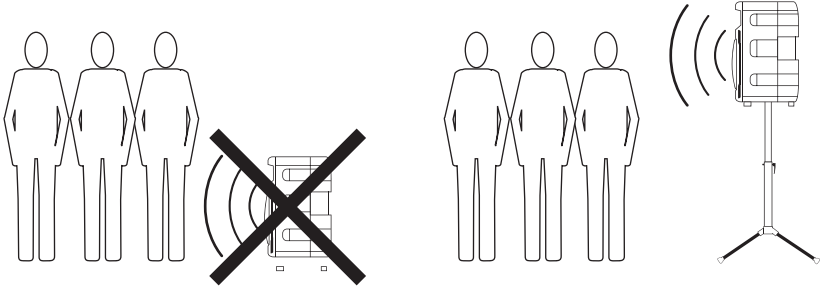


- To reduce risk of electric shock, never open the unit. There are no user serviceable parts. Refer service to an authorized Rockville service center.
- Do not expose this unit to any kind of moisture.
- Please ensure that the unit is situated in a properly ventilated area.
- Make sure the unit is placed on a level and stable surface.

Setting Up Your RPG BT V2 Professional Sound System

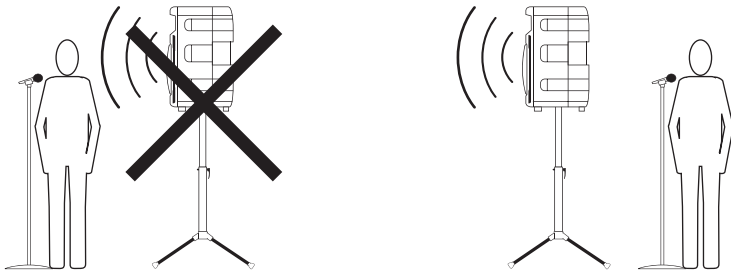
Your RPG BT V2 is set up to produce the full spectrum of sound from its woofer and tweeter horn combination. The lower frequencies seek out the floor of the room they are playing and travel along the floor and walls. The tweeter horn is more directional. Hence when setting up your system its more important to make sure that the tweeter horns are not blocked by any furniture and are located / aimed at ear level to the listening audience. Woofer aiming is not as critical as explained previously due to the nature of the woofer sounds able to travel through various paths even when blocked.

It is therefore recommended that when setting up your system you set up your speakers on speaker stands, such as the Rockville model RVSS2 (not included) so that the tweeter sounds will radiate above the listening crowd. This will guarantee optimum sound dispersion and achieve clear vocal sound reproduction.



How To Avoid Irritating Feedback

The placement of your microphone is critical in avoiding feedback through your RPG BT V2 speaker. Never set up your microphone in front of the speaker. Always set up your microphone behind the speaker. When approaching the speaker to make any adjustments, we recommend approaching the speaker from the rear and not walking directly towards the front of the speaker.



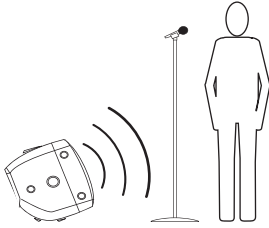
Stage Monitor Setup

Your RPG BT V2 can be placed on the floor at an angle as a stage monitor. Unlike a PA setup which face the crowd, stage monitors are set up to face the performer on stage and to direct the sound towards them. This presents a particular problem as now feed back may occur. To avoid stage monitor feedback the following precautions should be taken.

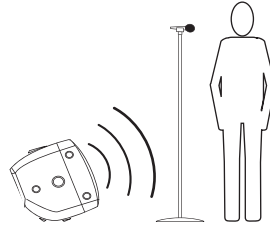
1. Choose a microphone with high directivity, i.e. cardioid or hyper-cardioid polar pattern.
2. Never point the microphone directly in front of the speaker. Holding the microphone in a normal position will allow you to be closer to the stage monitor with out feedback.

3. See illustration below as to position of microphones when mounted in stand.
Cardioid polar patten microphones should always be at a 90 degree angle to the axis of the stage monitor. Hyper Cardioid polar pattern microphones should be positioned at an acute angle to the sage monitor.

You may choose to add a feedback eliminating processor to your system for additional flexibility on stage.



Cardioid Polar Patter



Hyper Cardioid Polar Patter

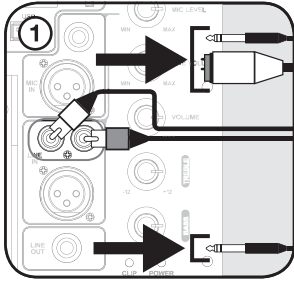
A Word About System Volume Controls and Gains.

There is really only one volume control on the RPG BT V2 unit, that is the knob marked MASTER.

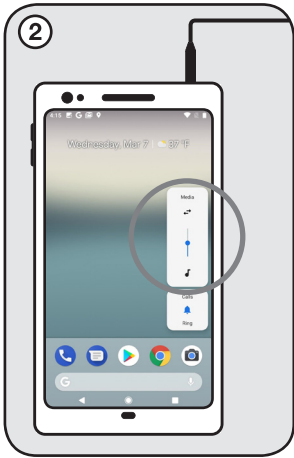
The Mic In level control is a matching device to match the preamp voltages of items such as microphones and guitars or other musical instruments with your RPG BT V2 unit. Never turn it up to maximum unless indicated by the instructions below. With a properly matched signal your system will produce less distortion, be subject to less feedback, and will produce louder, cleaner and clearer sound. Use the Master control as your volume once all inputs are matched properly. Your RPG BT V2 features a CLIP LED indicator to help you set and match your components. Please be sure to read all set up instructions so your RPG BT V2 sounds its best.

Setting Level Controls

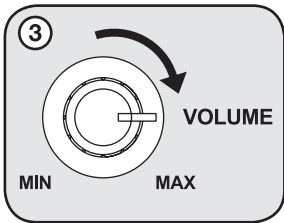
It is best practice to set your input level controls (gains) in this manner shown below.



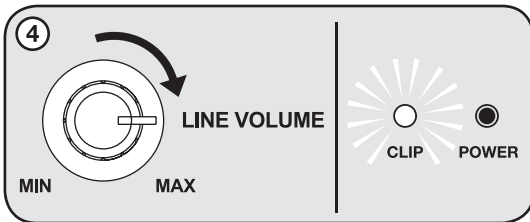
1. Unplug all inputs except for the one you wish to set the gain for. In this instance, the Line In RCA inputs.



2. Set the line level input device volume (smart phone, tablet, MP3 player, etc.) to 60%.



3. Set the volume to 75%.



4. Slowly turn up the level on the selected input, in this case the Line Volume (Line Level on the RPG8BT V2). As soon as the clip indicator LED goes on or you hear any distortion – turn it down one or two notches.

After you set the levels on all input devices, you can readjust the RPG BT V2 levels as necessary.

! PLEASE NOTE

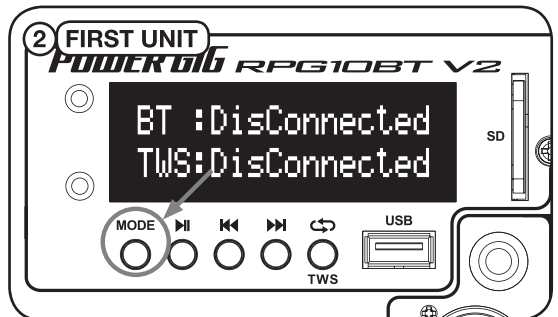
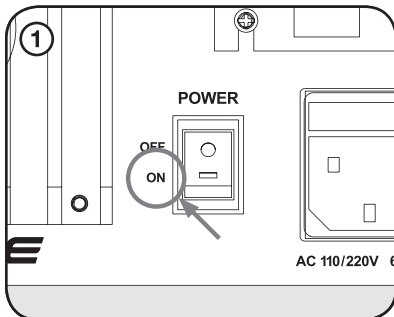
Because mixers feature two volume controls (channel and master), when connecting one via the XLR line in port, the procedure is slightly different. The volume should be set to 50% and the Line Volume control should be set to 50%. Set the mixer master volume to 50% and make the adjustments in step 4 on the mixer channel level control. If after making these adjustments the signal still isn't strong enough, you can additionally boost the signal by turning up the Line Volume control.

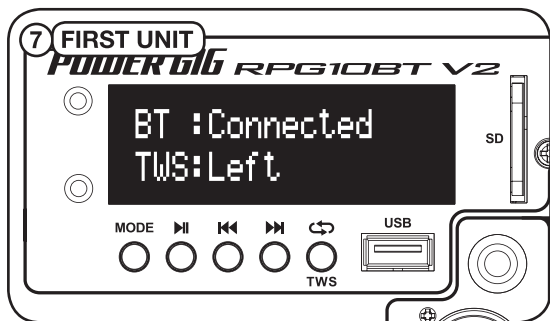
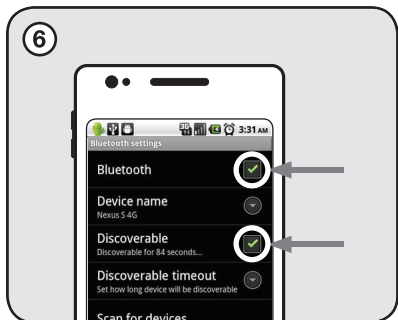
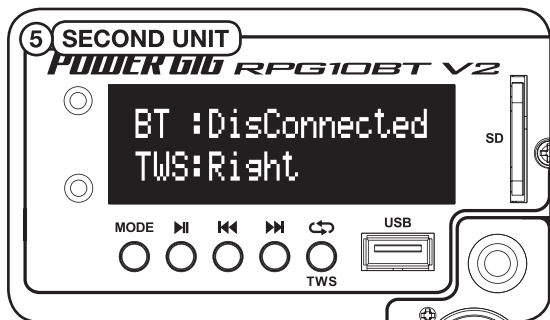
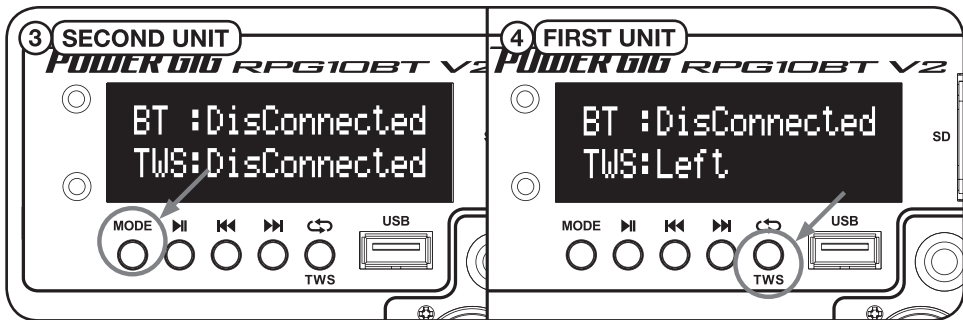
When adjusting the Mic Level control, you must speak into the microphone and adjust the level control as needed. This is because adjustments to the mic input are a matter of mic volume in relation to the music volume and not necessarily a clipping issue.

Wireless Speaker Linking

The RPG-BT series feature True Wireless Stereo (TWS) Bluetooth linking. This means you can purchase 2 of these speakers and link them together to play in stereo wirelessly. Diagrams are on the facing page. Speakers must be within 100 feet of each other for TWS connectivity.

1. Make sure both RPG-BT unit's power switches are in the ON position.
2. Press the Mode button on the first (main) unit. The LCD screen should show that the speaker is not connected to Bluetooth or another speaker.
3. Press the Mode button on the second unit. The LCD screen should show that the speaker is not connected to Bluetooth or another speaker.
4. Press and hold the TWS button on the first (main) unit for 3 seconds. The LCD screen should show that the unit has been designated as the "Left" TWS speaker.
5. The LCD screen of the second unit should show that the unit has been designated as the "Right" TWS speaker.
6. Turn-on your device's Bluetooth mode and ensure that it is in "discoverable" mode. Look for "ROCKVILLE" in the list of available devices and select it.
7. If connection is successful, the LCD on the master unit will indicate that there is a Bluetooth connection established. You are now ready to enjoy true wireless stereo sound!





APPLICATION USES

Microphone Presentations

Your RPG BT V2 features an ultra-low noise mic input via a XLR or 1/4" TRS jack. Please note the RPG8BT V2 only has a 1/4" TRS jack.

1. Make sure the Power switch is in the OFF position.
2. Plug your microphone into either the XLR or 1/4" jack input. **Never use both at once.**
3. Switch on the RPG BT V2 unit.
4. Refer to the "Setting Level Controls" section of this manual for instructions on how to properly adjust the input level controls (gains).

Always stand behind the speaker when making your microphone adjustments to avoid feedback distortion.

Line Input Feature

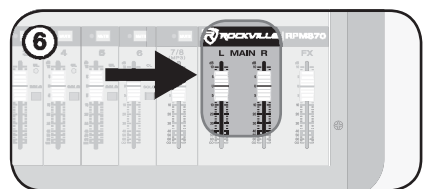
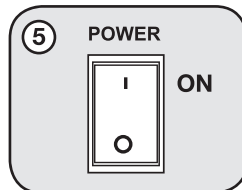
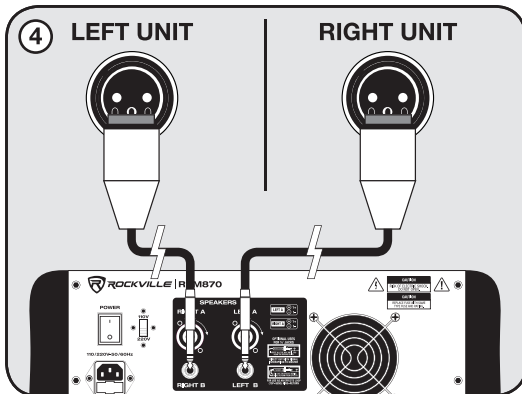
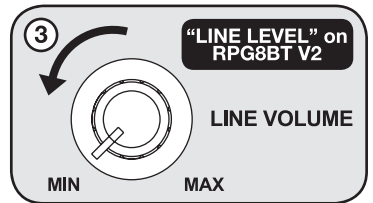
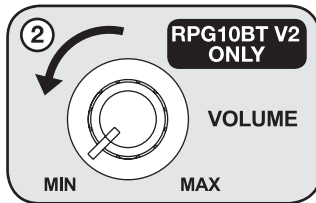
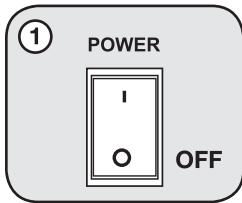
These models feature Line input via XLR or RCA jacks. Use either of these inputs when you wish to hook up an additional stereo signal source: mixers, keyboards, CD players, DVD music players, smart phones, MP3 players, etc.

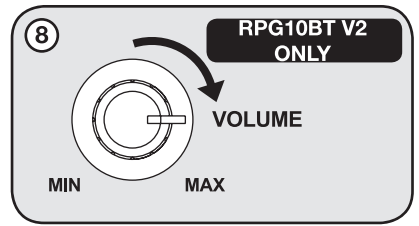
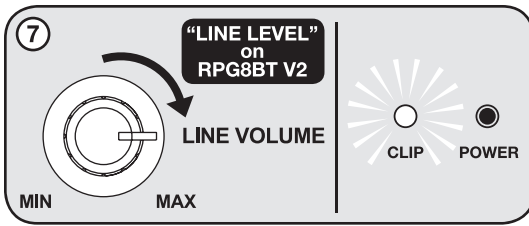
1. Make sure the Power switch is in the OFF position.
2. Connect a mixer, keyboard, electronic drums, etc. to the XLR input or a CD player, DVD music player, Smart phone, MP3 player, etc. to the 1/4" input. **Never use both at once.**
3. Switch on the RPG BT V2 unit.
4. Refer to the "Setting Level Controls" section of this manual for instructions on how to properly adjust the input level controls (gains).

Public Address/Concert Mixer

When setting up for larger venues, a mixing console becomes a critical piece of equipment for appropriately mixing signals from multiple inputs such as singers, speakers, effects devices, musicians and of course allows for multiple speaker utilization.

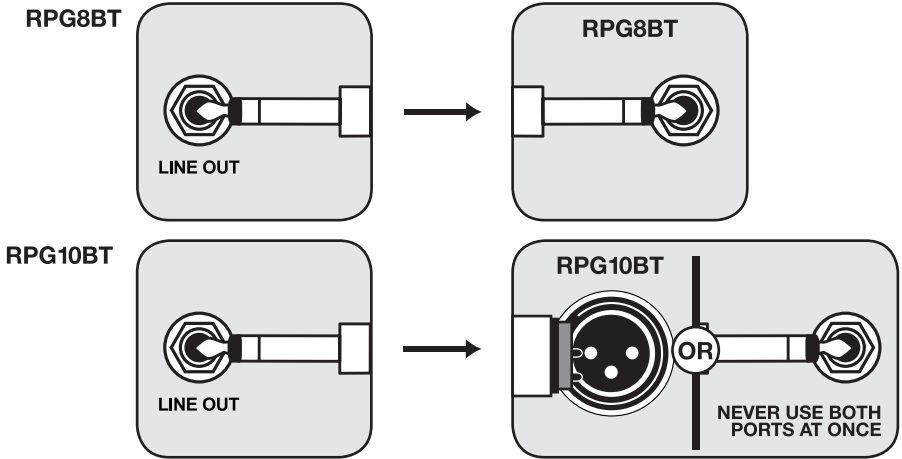
1. Make sure the RPG BT V2's power switch is in the OFF position.
2. Turn Volume to 0 position (RPG10BT V2 only).
3. Turn Line Level (RPG8BT V2) / Line Volume (RPG10BT V2) to 0 position.
4. Connect the LEFT SPEAKER OUTPUT of mixer to the Line In connection of your Left RPG BT V2 Unit. Connect the RIGHT SPEAKER OUTPUT of mixer to the Line In connection of your Right RPG BT V2 Unit.
5. Switch ON your RPG BT V2 units.
6. Slowly raise the level of the mixer output to the 0dB level position.
7. Slowly turn the Line Level (RPG8BT V2) / Line Volume (RPG10BT V2) control clockwise until the CLIP LED indicator begins to blink, then turn it down slightly. This indicates the maximum input voltage gain is matched and set properly.
8. Turn Volume up to achieve proper volume (10" unit only).





Line Out Balanced Connection: RPG8BT V2/RPG10BT V2

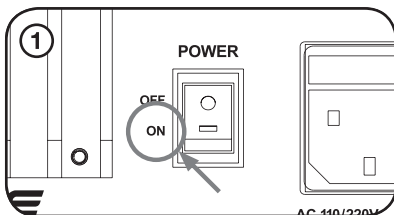
The 1/4" TRS output marked LINE OUT allows for daisy chaining of signals from one RPG BT V2 unit to another. Simply attach an 1/4" TRS cable between the two units to share signals. The first unit's output should go to the second unit's MIC IN port. The RPG8BT V2 features a 1/4" TRS line input. The RPG10BT V2 features both XLR & 1/4" TRS mic inputs.



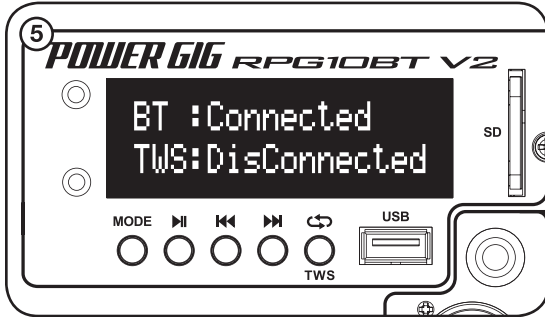
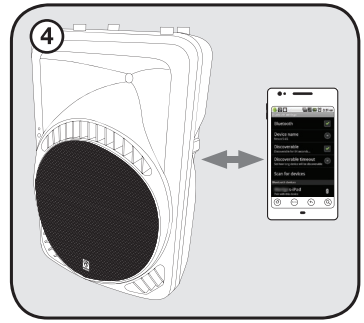
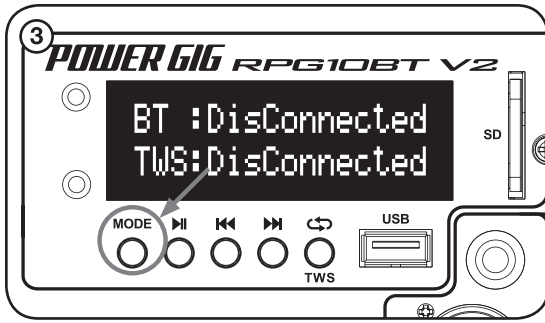
Bluetooth Pairing

To connect your iPod, iPhone, MP3 player, Android phone or any other Bluetooth capable device follow the steps listed below. Diagrams on the next page.

1. Make sure the RPG BT V2's power switch is in the ON position.
2. Turn-on your device's Bluetooth mode and ensure that it is in "discoverable" mode.
3. Push the Mode button on your RPG BT V2 until you are in Bluetooth mode.
4. Once in Bluetooth mode, look for "ROCKVILLE" on the list of available devices and select it.
5. If pairing is successful, you will see the words BT: Connected on the display screen.
6. If you have problems pairing your device please check the troubleshooting guide.



Bluetooth Pairing (continued)



RPG8BT V2

1. MP3 Player controls.

- Mode control switches between input modes: Bluetooth, USB, and SD/MMC
- Press Play button once to play track, press again to pause.
- Previous/Next : Press these buttons to go to the previous or next track.
- Repeat button/TWS button: Press once to repeat single track, press again to repeat all tracks, press once to turn off repeat mode. Press and hold for TWS mode.

2. USB and SD/MMC Card inputs.

3. MP3 LEVEL control knob adjusts the volume of Bluetooth, MP3, or SD/MMC input.

4. MIC LEVEL control knob adjusts the volume of Microphone input via MIC IN port.

5. MIC IN port accepts ¼" TRS/TS type connectors.

6. LINE VOLUME control knob adjusts the volume of all line input via the LINE IN ports.

7. LINE IN port accepts XLR and RCA plugs. It accepts signals from a variety of sources such as keyboards, electronic drums, mixers, etc.

8. TREBLE and BASS control knobs.

9. POWER and Amplifier CLIP limit indicator LEDs.

10. ¼" TRS LINE OUT jack.

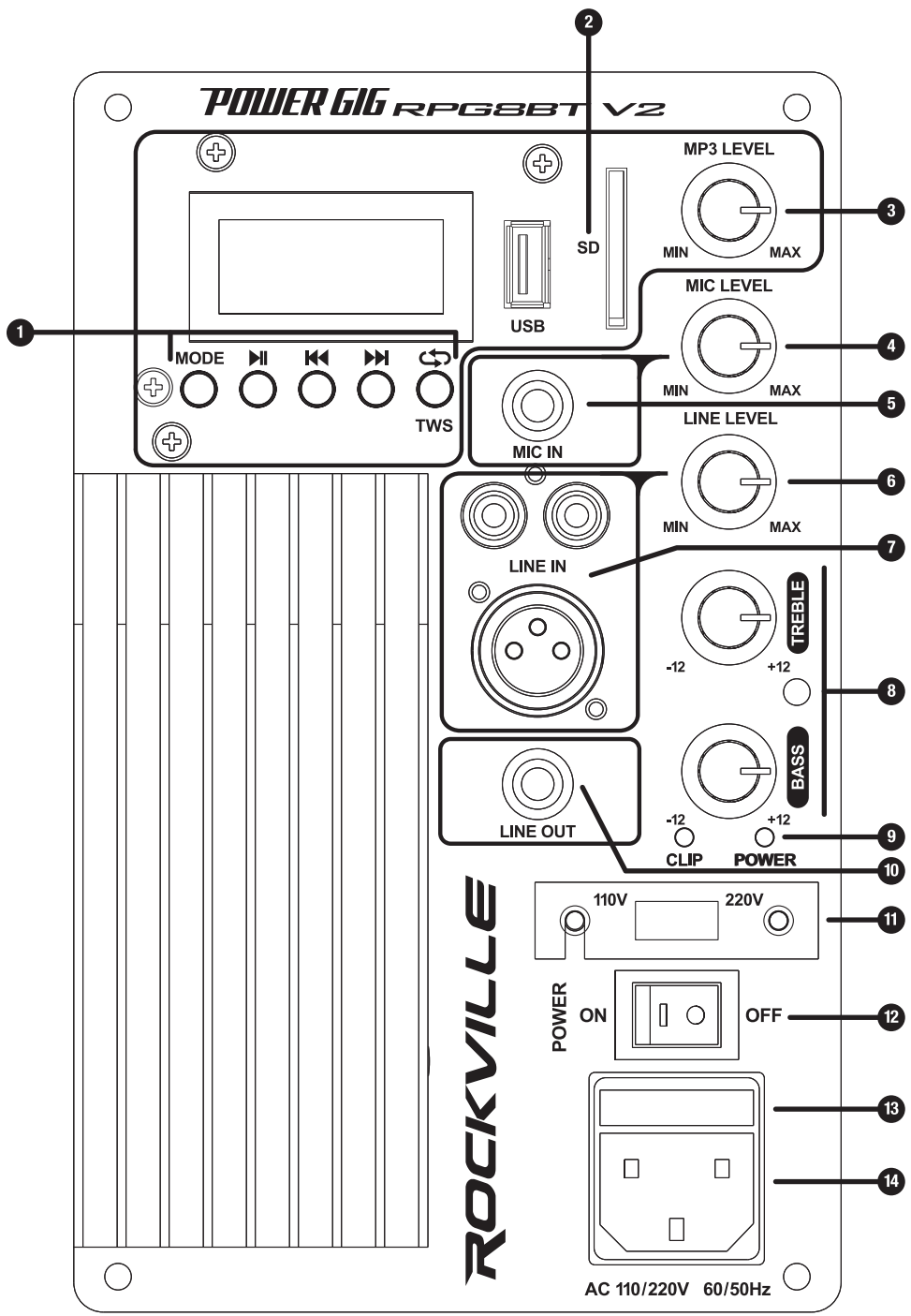
11. Variable voltage selector switch (110v/220v).

12. Power switch.

13. Fuse compartment.

14. IEC AC power socket.

POWER GIG RFG8BT V2

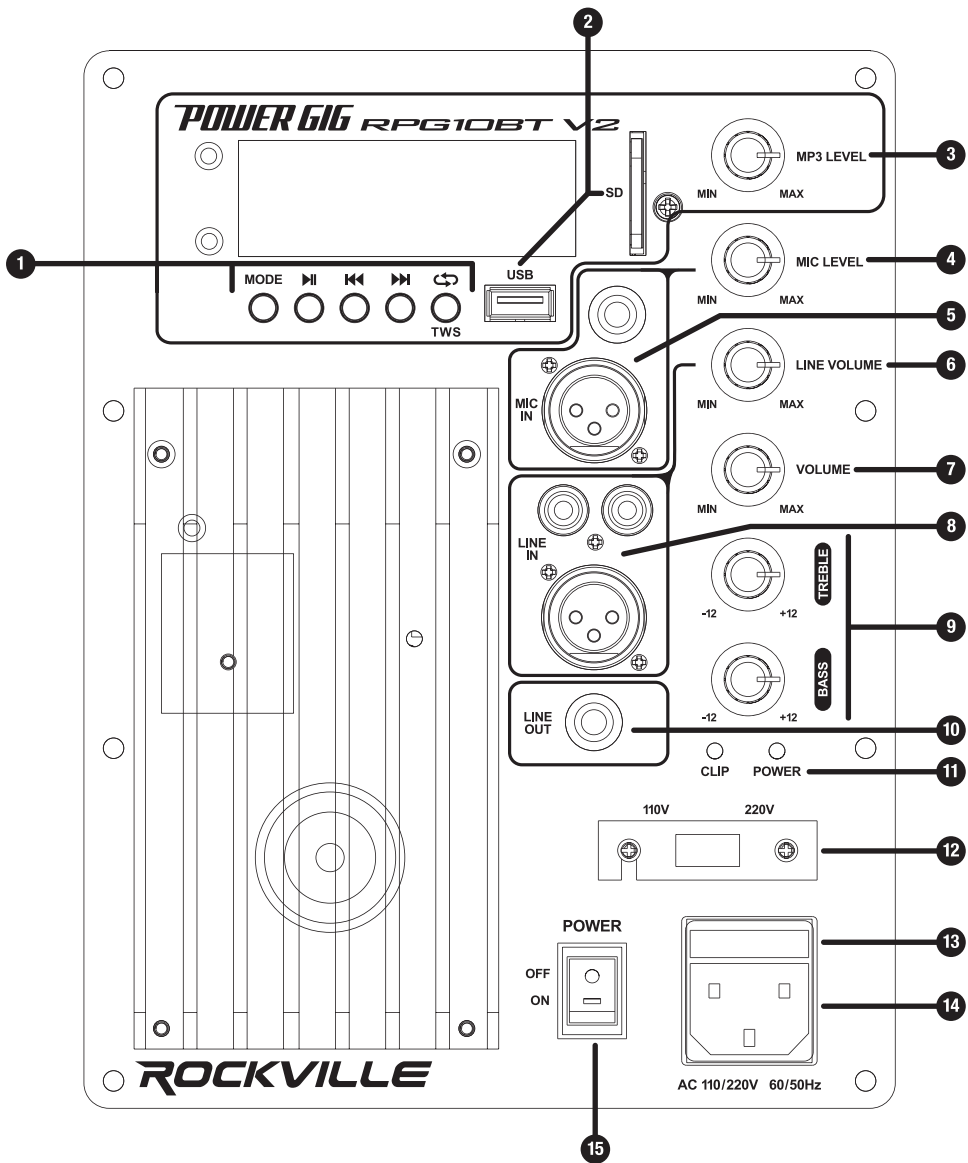


ROCKVILLE

AC 110/220V 60/50Hz

RPG10BT V2

1. MP3 Player controls.
 - Mode control switches between input modes: Bluetooth, USB, and SD/MMC
 - Press Play button once to play track, press again to pause.
 - Previous/Next : Press these buttons to go to the previous or next track.
 - Repeat button/TWS button: Press once to repeat single track, press again to repeat all tracks, press once to turn off repeat mode. Press and hold for TWS mode.
2. USB and SD/MMC Card inputs.
3. MP3 LEVEL control knob adjusts the volume of Bluetooth, MP3, or SD/MMC input.
4. MIC LEVEL control knob adjusts the volume of Microphone input via MIC IN ports.
5. MIC IN port accepts XLR and ¼" TRS/TS type connectors.
6. LINE VOLUME control knob adjusts the volume of all line input via the LINE IN ports.
7. VOLUME control knob adjusts the overall volume of the unit. It is essentially a master volume control.
8. LINE IN port accepts XLR and RCA plugs. It accepts signals from a variety of sources such as keyboards, electronic drums, mixers, etc.
9. TREBLE and BASS control knobs.
10. ¼" TRS LINE OUT jack.
11. POWER and Amplifier CLIP limit indicator LEDs.
12. Variable voltage selector switch (110/220v).
13. Fuse compartment.
14. IEC AC power socket.
15. Power switch.

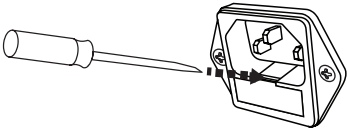


Troubleshooting

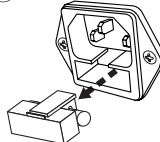
PROBLEM	SOLUTION
No power	<ol style="list-style-type: none">1. Make sure the unit is plugged in and the power switch is in the ON position.2. Check that the power cable is plugged in tightly to the unit.3. Check and replace the fuse if necessary. See fuse replacement diagram on the next page.4. If people or equipment tend to step and roll over or stretch your power cable it can get damaged. Always try a second cable to test for shorts in original cable. Dispose of original damaged power cables immediately.
No sound/ distorted sound	<ol style="list-style-type: none">1. Check that all appropriate cables are plugged in correctly.2. Check the Volume/Levels settings. Refer to the "Setting Level Controls" section of this manual for instructions on how to properly adjust the input level controls (gains).3. Be sure your microphone is on and plugged into the correct input.4. If using a mixing console make sure fader and balance are set to center positions and levels are increased. Make sure the mixer is plugged into the correct input.6. If volume and Treble/Bass settings are maxed out, turn one of them down as you may be over driving the unit.7. Check volume and gain settings on all input sources.
Buzzing sound	Make sure you are using a proper cable. For 1/4" cables, there are 3 types: instrument, TS (unbalanced), and TRS (balanced). The RPG-BT V2 models accept both TS and TRS 1/4" cables. Check the requirements of the connected gear and make sure you are using the appropriate cable.
Mic feedback	Point the mics away from the speaker. Make sure the mics are in back of the speaker, not in front of it.
Poor Mic sound	<ol style="list-style-type: none">1. Make sure you are using the Mic In ports.2. If using wireless mics connect them into the Line input of your mixer.
Bluetooth/TWS pairing fails	<ol style="list-style-type: none">1. Check to see that both devices are turned on and that your Bluetooth device is discoverable.2. Turn both devices off and then on again.3. Make sure you've selected the proper source.4. Make sure that the Bluetooth device is within 5 feet of the unit.5. Move both devices away from other Bluetooth devices, microwaves, wireless routers, and other electronics.6. Make sure that the unit is not paired to a previously paired device or to another speaker.
No SD or USB playback	<ol style="list-style-type: none">1. Make sure you've selected the proper source.2. Make sure that the SD card and USB drive do not exceed the maximum capacity of 64GB.

Fuse Replacement

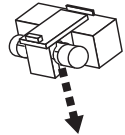
① Use a screwdriver to release the fuse holder.



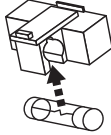
② Remove the fuse holder.



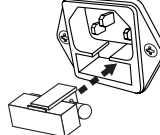
③ Remove the fuse.



④ Replace the fuse.



⑤ Re-insert the fuse holder.



RPG8BT V2/RPG10BT V2

- Power Ratings:
RPG10BT V2 - 600 Watts Peak/300 Watts Program/150 Watts RMS
RPG8BT V2 - 400 Watts Peak/200 Watts Program/100 Watts RMS
- Frequency Response:
RPG10BT V2 - 45Hz – 20KHz
RPG8BT V2 - 50Hz – 20KHz
- Maximum SPL @1w/1m:
RPG10BT V2 - 122dB peak/119dB continuous
RPG8BT V2 - 119dB peak/116dB continuous
- Bluetooth (v5.0) signal input. Now you can input any audio signal from your Bluetooth enabled music player or phone. No cables necessary!
- Built-in TWS wireless speaker to speaker linking (link two RPG units wirelessly for stereo playback)
- USB/SD digital MP3 music player. Input audio signals, special effects, any pre programmed audio file and amplify it through your system.
- Wireless remote control. Enjoy the added convenience of being able to adjust any of the MP3 player functions, including volume, from the included wireless remote.
- High-power 2-way pro sound reinforcement speaker system for live sound and playback applications.
- Compact and light weight system delivers distortion free sound even at extreme SPL.
- Linear Class AB amplifier technology: high power, transparent sonic performance.
- Internal switch-mode power supply for low distortion audio with superior transient response.
- Built-in bass and treble equalization processor for ultimate system control and speaker protection.
- State-of-the-art 1.35" Japanese made pure titanium-diaphragm compression driver for crystal clear high-frequency reproduction.
- Ultra-wide dispersion, 40° large-format horizontal wave guide horn molded directly into cabinet.
- Ultra-low noise Mic / Line input via XLR & ¼" TRS stereo jacks (RPG8BT V2 does not have an XLR input) with volume control.
- Line RCA and XLR input with separate Volume adjustment.
- ¼" Balanced TRS line out port.
- Versatile trapezoidal enclosure design allows different positioning.
- Stand mounting with 35mm pole socket.
- Tilts on its side for use as a floor monitor.
- Ergonomically shaped side mount handle for easy carrying and setup (not available on RPG8BT V2 model).
- High-quality components and exceptionally rugged high impact ABS construction.
- Amplifier clip limit LED indicator & power LED cabinet rear.
- Front display power meter Blue LED.
- 110/220 Volt switchable power supply with external user serviceable fusing.

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Responsible party name: Rockville

Address: 600 Bayview Ave.
Entrance A
Inwood, NY 11096

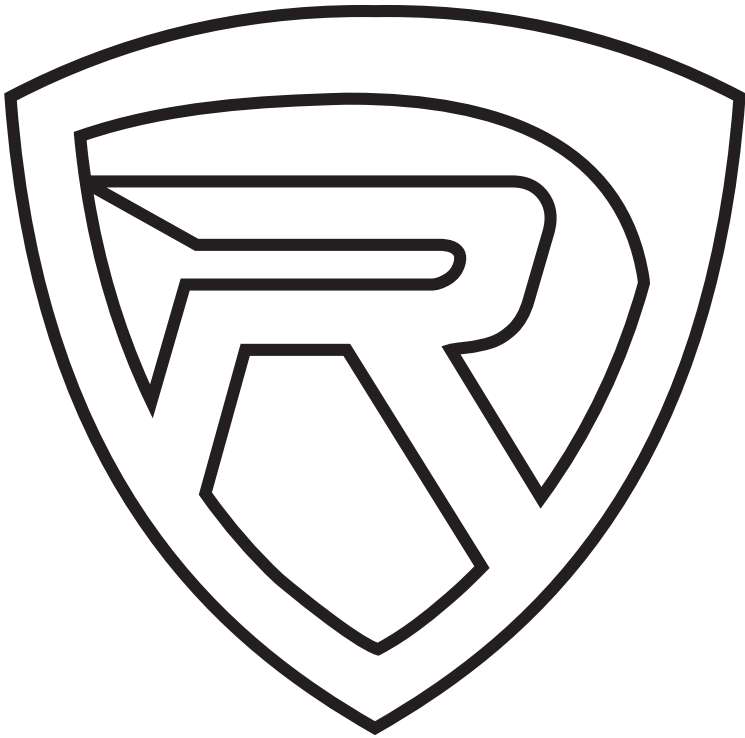
Hereby declares that the product(s) RPG BT V2 Bluetooth pro audio speakers comply with FCC rules as mentioned in the following paragraph:

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.

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.

ROCKVILLE



RockvilleAudio.com

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