ROCKVILLE

RPG102K
10˝ ACTIVE/PASSIVE DJ/PA SPEAKERS

OWNER'S MANUAL

ATTENTION:
WATCH THIS VIDEO BEFORE FIRST USE!

Who reads manuals?
Scan the **QR code** or go to **rockvillesupport.com/rpg102k** to access how-to video(s), the owner's manual, and other important information you may need to get the most out of your item.

If you prefer written instructions, please read ahead!

With Rockville you get many options.

Missing items? If you ordered a bundle that includes more than one product and you are missing part of your bundle then it just means your order shipped from two different warehouses. You will receive the remaining items very soon. If you have any concerns or inquiries, feel free to call our customer support center at 1-646-758-0144, 24 hours a day/7 days a week.

Thank you for purchasing this Rockville Power Gig RPG102K Bluetooth pro audio speaker system. This is a complete package all-in-one 10″ PA system. Everything you need in a pro PA system setup is included: You get two 10″ pro audio speakers with 1000 watts of total power. The system includes a master active speaker that features the built in amplifier and a second passive 10″ speaker that is powered from the master speaker/amp. Rounding off this system are speaker stands so you can mount the speakers, a microphone and all connection cables necessary, so that you can get your party started right out of the box. The RPG102K is perfect for DJ applications, karaoke, and parties or for live music gigs.

Please read this installation guide carefully for proper use of your Power Gig RPG102 Bluetooth pro audio speaker. Should you need assistance, please call our technical help line at 1-646-758-0144, 24 hours a day/7 days a week.

Includes:
• (2) 10″ DJ/PA Speakers, 1 active and 1 passive (receives power from active speaker via the included ¼″ cable)

• (2) Rugged tripod speaker stands

• Wired microphone

• 19 Ft. ¼″ to ¼″ cable for active to passive speaker connection

• XLR to XLR cable for musical instruments, analog signals, etc.

• Power cable for active speaker

• Wireless remote control

• Owner's manual

IMPORTANT SAFETY INSTRUCTIONS

CAUTION
RISK OF ELECTRIC SHOCK.
DO NOT OPEN

• To reduce risk of electric shock, never open the unit. There are no user-serviceable parts. Refer to Rockville for service.

• 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.

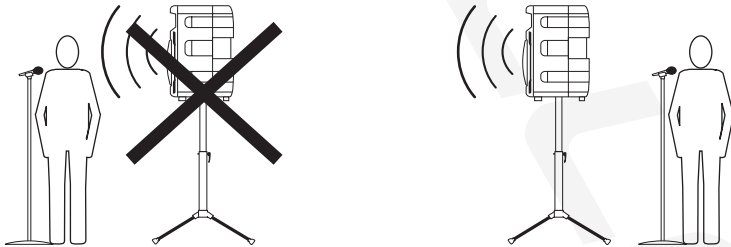## Setting up Your Power Gig Professional Sound System

Your Power Gig 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 that they are playing in and travel along the floor and walls. The tweeter horn is more directional. Hence, when setting up your system, it's more important to make sure that the tweeter horns are not blocked by any furniture and are located/aimed at ear level of the listening audience. Woofer aiming is not as critical as explained previously due to the nature of the woofer sounds, allowing them to travel through various paths even when blocked.

It is therefore recommended that when setting up your system you set up your speakers on provided stands so that the tweeter sounds will radiate above the listening crowd. This will guarantee optimum sound dispersion and achieve clear vocal sound reproduction.
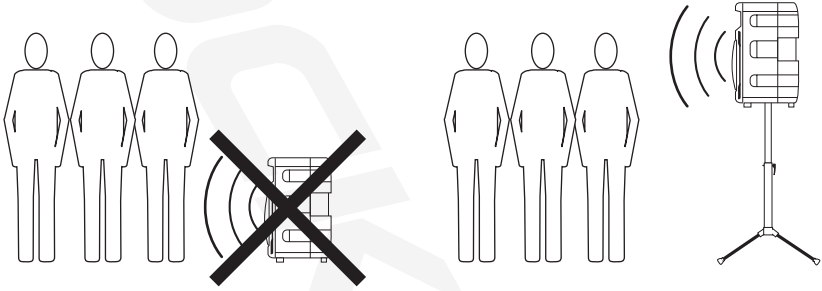
How to Avoid Irritating Feedback

The placement of your microphone is critical in avoiding feedback from your Power Gig system. 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, approach the speaker from the rear and do not walk directly toward the front of the speaker.

Assembling Your Power Gig Professional Sound System

Stands

1. Remove the stands from their packaging and examine them to ensure that they are in proper working order.

2. Loosen up the adjustment knob (fig. a) and spread the legs to the desired width (fig. b). We recommend spreading the legs to the point that the support bars are parallel with the floor. Re-tighten the leg adjustment knob so that the legs are securely positioned (fig. c). Do not overtighten.

fig. a   **fig. b**   **fig. c**

3. Loosen the stand extension by loosening the locking knob (fig. d). Lift the extension to the desired height (fig. e). Now insert the safety detent pin (fig. f). Make sure the pin goes all the way through the extension pole (fig. g). If you retighten the locking knob, do not overtighten it.

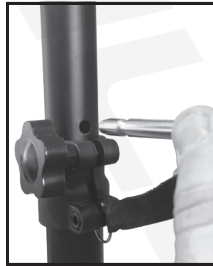**fig. d**   **fig. e**   **fig. f**   **fig. g**

Mounting the Speaker

1. Unpack the speakers from their packaging. Check for any visible damage.

2. Carefully lift the speaker above the stand, lining up the extension pole with the mounting hole at the bottom of the speaker (fig. h). This step may require a second person for assistance.

3. Once the speaker is mounted on the stand, secure it by tightening the locking knob located behind the pole opening at the bottom the speaker (fig. i).

fig. h

fig. i

Connecting the Passive Speaker

To connect the passive speaker to the active unit, use the included ¼˝ to ¼˝ cable. Connect one end of the cable to the ¼˝ port on the active unit marked Speaker Out (fig. j). Now connect the other end to the ¼˝ port on the passive unit marked Speaker In (fig. k). Make sure that the power to the active unit is turned off before you connect the passive unit.
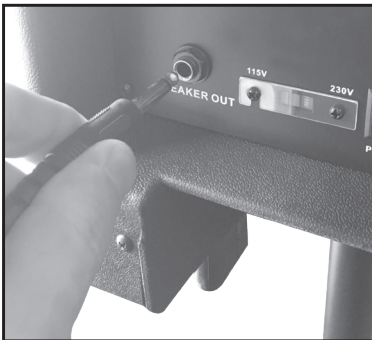
fig. j

fig. k

Setting Level Controls

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

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 RPG102K Master Level to 75%.

4. Slowly turn up the level on the selected input (in this case, the Line Level). As soon as the clip indicator LED goes on or you hear any distortion – turn it down one or two notches.
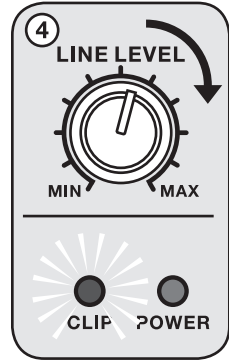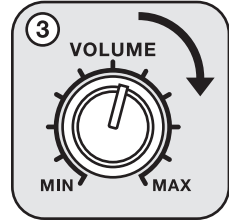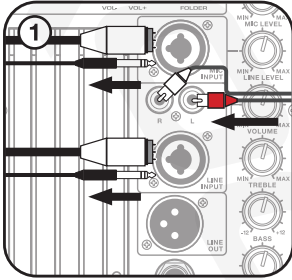
After you set the levels on all input devices, you can readjust the RPG102K levels as necessary. When adjusting the Mic level controls, you must speak into the micophone and adjust the level control as needed. This is because adjustments to the mic input are a matter of mic volume in relation to the music volume and not necessarily a clipping issue.

> ⚠ **PLEASE NOTE**
> Because mixers feature two volume controls (channel level and master), when connecting one via the XLR line in port, the procedure is slightly different. The RPG102K master volume should be set to 50% and the Line Level 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 Level control.

APPLICATION USES
Microphone Presentations

This unit features an ultra-low noise combo XLR/¼″ TS Mic input.

1. Make sure the Power switch is in the OFF position.

2. Plug your microphone into the ¼″ jack or XLR port.

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3. Switch on the unit.

4. Refer to the "Setting Level Controls" section of this manual for instructions on how to properly adjust the Mic level control.

Always stand behind the RPG102K when making your microphone adjustments to avoid feedback distortion.

Line Input
This unit features line level input via a combo XLR/¼˝ TRS input port or the RCA line inputs.

> ⚠ **WARNING:** Do not use both inputs at the once.

Combo XLR/¼˝ TRS input port:
Use the combo XLR/¼˝ inputs to connect additional signal sources such as mixers, keyboards, electronic drums, etc.

1. Make sure the Power switch is in the OFF position.
2. Plug the signal source into the ¼˝ jack or XLR port.
3. Switch on the unit.
4. Refer to the "Setting Level Controls" section of this manual for instructions on how to properly adjust the Line level control.

RCA line input ports:
Use the RCA inputs to connect an additional line level signal source such as a smartphone, tablet, MP3 player, CD player, etc.

1. Make sure the Power switch is in the OFF position.
2. Connect the line level signal source to the RCA inputs.
3. Switch on the unit.
4. Refer to the "Setting Level Controls" section of this manual for instructions on how to properly adjust the line input level control (gains).

USB/SD Input
This unit features USB and SD card inputs allowing you to play music from either type of storage device. The files must be in one of the following formats: MP3, WAV, or WMA.

USB Drive:
1. Connect a USB drive to the port marked USB.
2. Switch on the unit.
3. The unit will automatically recognize the USB drive an begin to play music.
4. Press the Play/Pause button to pause or resume music playback. Use the Previous/Next keys to select tracks. Use the MP3 VOL knob to adjust output level.
5. If your USB drive has multiple folders and you wish to switch between the folders, press and hold the Play/Pause button until FOLD appears on the LCD screen. Use the Previous/Next buttons to move to the next folder. Keep pressing until you get to the desired folder. Music within that folder will start playing automatically.

SD Card:
1. Insert an SD card into the slot marked SD.
2. Switch on the unit.
3. The unit will automatically recognize the SD card an begin to play music.
4. Press the Play/Pause button to pause or resume music playback. Use the Previous/Next keys to select tracks. Use the MP3 VOL knob to adjust output level.

USB/SD Input (continued)

5. If the SD card has multiple folders and you wish to switch between the folders, press and hold the Play/Pause button until FOLD appears on the LCD screen. Use the Previous/Next buttons to move to the next folder. Keep pressing until you get to the desired folder. Music within that folder will start playing automatically.
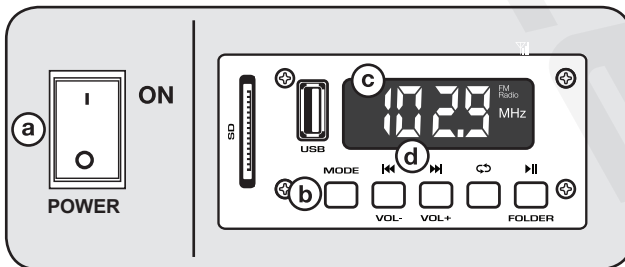
Bluetooth Pairing

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

1. Switch on the unit and push the mode button. The word "bLUE" will flash on the screen indicating that it is in pairing mode.

2. Turn on the Bluetooth feature on your device. The unit should show up on your device as "RPG102K." Select it from your list of available devices.

3. If pairing is successful, you will hear a tone and the word "bLUE" will stop flashing. You can now begin to stream music.

4. Press the Play/Pause button to pause or resume music playback. Use the Previous/Next keys to select tracks. Use the MP3 VOL knob to adjust output level.
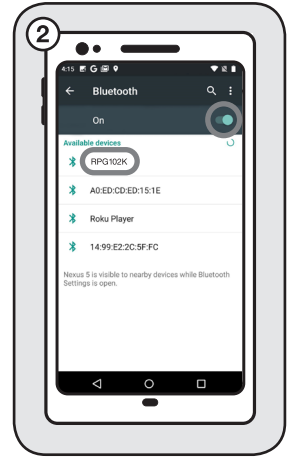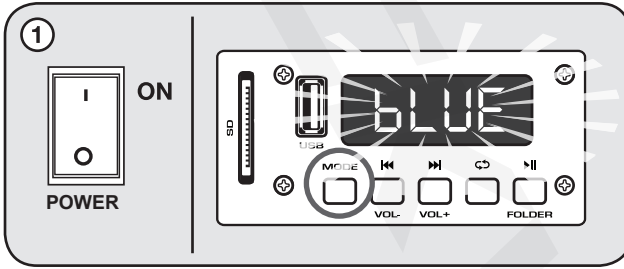
FM Radio

1. Switch on the unit (a). Push the mode button (b) until you see radio frequency digits (c).

2. Press the PLAY/PAUSE button for 2 seconds. The unit will scan through and save all available stations.

3. Once the automatic station scan is done, you can use the Previous/Next buttons (d) to navigate through the saved stations. Use the MP3 VOL knob to adjust output level.

Line Out Balanced Connection

The XLR line output allows you to output the amplifier signal to a powered subwoofer, another powered speaker, or an amp, which will, in turn, power other speakers. Simply connect the output device to the RPG102K using an XLR to XLR or an XLR to ¼″ TRS cable to share the signal. We recommend you use high-quality cables such as Rockville's RCXFM20E-B XLR to XLR cable or the RCXMB20-B XLR to ¼″ TRS cable.
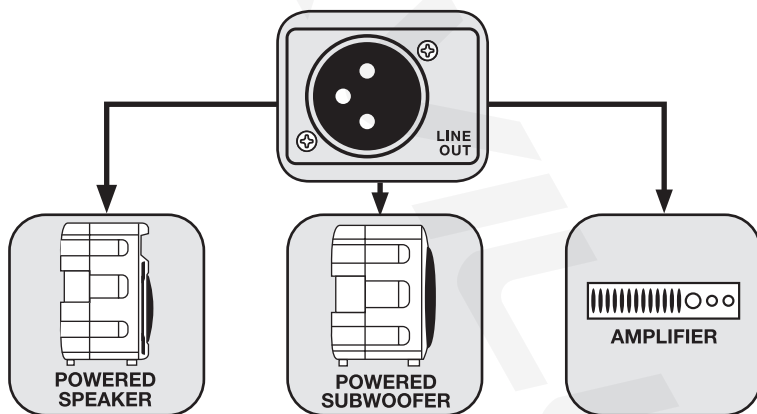
Speaker Output Connection

The ¼″ TS output marked Speaker Out is used to connect the active unit to the passive unit. Passive speaker impedance must always be 8 ohms.

Functions

MODE   a

   b   c   d

VOL-   **VOL+**   **FOLDER**

MP3 VOL

MIN   MAX

MIC LEVEL

MIN   MAX

LINE LEVEL

MIN   MAX

VOLUME

MIN   MAX

TREBLE

-12   +12

BASS

-12   +12

MIC INPUT

R   L

LINE INPUT

LINE OUT

SPEAKER OUT 8 OHM

CLIP   POWER

POWER

230V

115V

AC115V~60Hz
AC230V~50Hz

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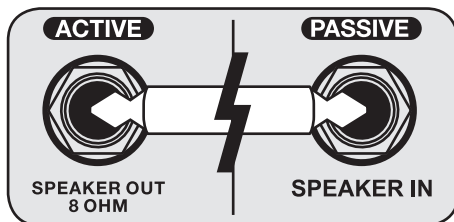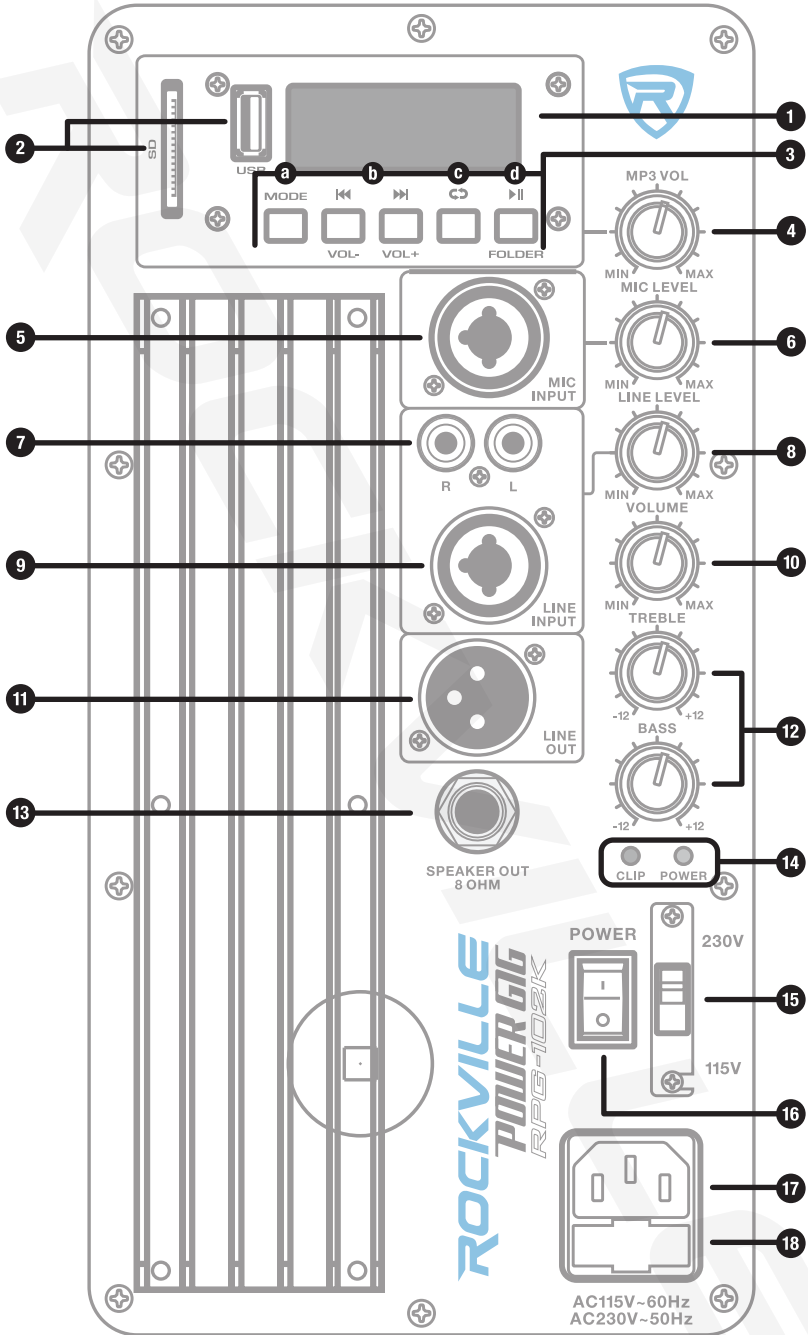
1. LCD display screen

2. USB and SD card input

3. MP3 player controls:
    a. Mode - Switch between modes (FM Radio, Bluetooth, USB, and SD).
    b. ◄◄(VOL-)/►►|(VOL+) - In USB/SD/Bluetooth mode press these buttons to skip tracks or cycle through folders (USB/SD mode only). In FM mode press these buttons to skip stored stations. In any mode press and hold to adjust MP3 module volume.
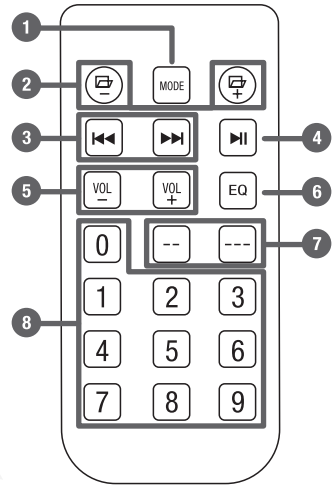   **c.** Repeat - Press to repeat current track. Press again to repeat all tracks. Press once again to exit Repeat mode.
    d. Play/Pause, Folder - In USB, SD, and BT modes, press this button once to start music playback; press again to pause. In FM Radio mode press and hold for 2 seconds to automatically scan and save all available stations. In USB/SD mode, press and hold to access folders on your USB drive or SD card.

4. MP3 input level control

5. Combo XLR/¼˝ Mic input: This input can accept balanced and unbalanced mic signals.

6. Mic input level control

7. RCA AUX inputs

8. Line input level control

9. Combo XLR/¼˝ Line input: These inputs can accept balanced and unbalanced signals from a variety of sources such as keyboards, electronic drums, mixers, etc. When using an unbalanced ¼˝ TS plug, the line input automatically turns the ring into ground. Please do not plug microphones into this input as it will have poor sound quality.

10. Master volume control

11. XLR line output will send the amplifier signal to a powered subwoofer, another powered speaker, or an amp, which will, in turn, power other speakers.

12. 2-band equalization control panel
    • Bass adjusts low frequencies to ±12dB
    • Treble adjusts high frequencies to ±12dB

13. Output to passive speaker

14. Power LED indicator and amplifier clip limit LED indicator

15. Voltage selector switch

16. Power switch

17. IEC AC power socket

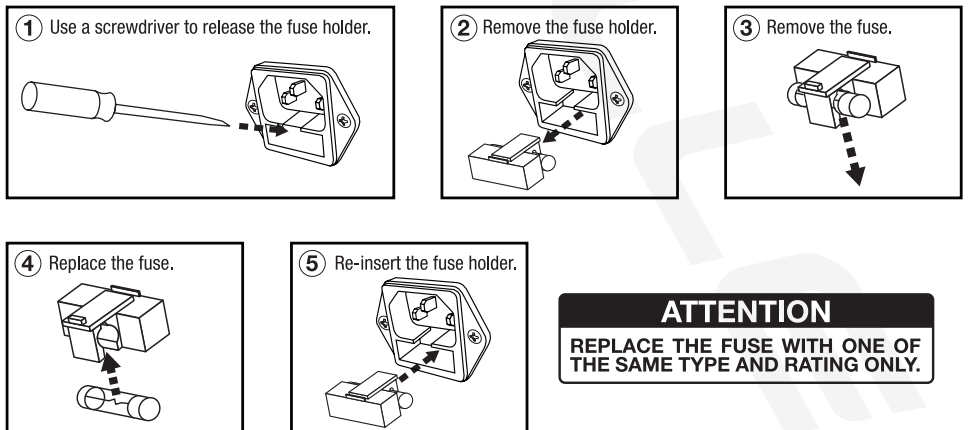**18.** User-serviceable fuse (See page 12 for replacement procedure)

Functions (continued)
Remote Control

1. MODE: Select input mode: Bluetooth, SD, USB, RADIO.

2. FOLDER-/FOLDER+: Navigate through file folders while in SD or USB mode.

3. PREVIOUS TRACK/NEXT TRACK: While in SD, USB, and Bluetooth mode press to move forward or back through tracks. While in RADIO mode press to navigate through programmed stations.

4. PLAY/PAUSE: While in SD, USB, and Bluetooth mode press once to play track and press again to pause. While in RADIO mode, press and hold for 3 seconds to enable automatic station programming.

5. VOL-/VOL+: Raise or lower the MP3 module's volume.

6. EQ: Press to cycle through preset EQs while in USB and SD modes: POP, ROCK, JAZZ, CLASSIC, COUNTRY, NORMAL.

7. MULTI-DIGIT BUTTONS: These buttons correspond to the keypad. They allow you to select multi-digit track numbers. Simply press the appropriate multi-digit button (double dash to enter 2 digits, triple dash to enter 3 digits), then enter the numbers on the keypad.

8. KEYPAD: Direct-select tracks while in SD and USB mode. While in RADIO mode, use to direct-select programmed stations. It will not allow you to select individual stations.

Fuse replacement Diagram
Fuse type: T5AL 250V

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.

ATTENTION
REPLACE THE FUSE WITH ONE OF THE SAME TYPE AND RATING ONLY.

Features and Specifications

- 1000 Watts Peak/250 Watts RMS/500 Watts Program Power
- High power 10˝ long-throw woofer with 1.5˝ aluminum voice coil
- 25mm compression horn tweeter driver
- Bluetooth connectivity
- USB/SD input: acceptable file formats: MP3, WAV, WMA
- Combo ¼˝/XLR mic input with volume control
- Combo ¼˝/XLR line input with volume control
- RCA line input with volume control
- XLR line output
- ¼˝ Output to connect the passive unit (¼˝ to ¼˝ cable included)
- Master volume/Master Treble/Master Bass controls
- Compact and light weight system with ergonomically shaped side handle
- Built-in FM radio
- Power LED
- Clip LED
- Wireless remote control
- 5-mode preset Bluetooth EQ (Pop, Rock, Jazz, Classic, Country, Normal) via the wireless remote control
- LCD display screen
- Rugged high-impact ABS construction
- 115/230 volt switchable
- Fuse: T5AL 250V
- Frequency response: 60Hz – 20KHz
- Maximum SPL @ 1w/1m: 106dB
- Sensitivity: 94dB ±2dB
- Impedance: 8 ohm
- Includes one wired microphone:
  - A-40 Cartridge
  - Plastic mic body with rugged construction and beautiful black finish
  - Construction: Sponge Ref-shake Type
  - Type: dynamic
  - Steel Mesh Grill
  - On/Off switch
  - Polar Pattern: uni-directional
  - Frequency Response: 60 - 13Khz
  - Impedance: 630 Ohms ± 15% @1kHz
  - Sensitivity: -72 ± 2dB @1kHz
- Includes one pair of speaker stands:
  - Steel construction
  - Color: black
  - Weight capacity: 13.2 Lbs.
  - Adjustable Height: 43˝ – 72˝
  - Base spread: 0˝ – 22˝
  - Tube diameter: 1.38˝
  - Leg diameter: 1.38˝

Troubleshooting

PROBLEM	SOLUTION
No power	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 page 12. 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	1. Check that all appropriate cables are plugged in correctly. 2. Check the Volume settings. 3. Be sure Volume and Gain of appropriate channels are set above 0 level and matched correctly. 4. Be sure your microphone is on. 5. If using a mixing console make sure fader and balance are set to center positions and levels are increased. 6. If volume and Treble/Bass settings are maxed out, turn one of them down as you may be overdriving the unit.
Buzzing sound	Make sure you are using a proper cable. For ¼″ cables, there are 3 types: instrument, TS (unbalanced), and TRS (balanced). Check the requirements of the connected gear and the input of the speaker and make sure you are using the appropirate 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	1. Make sure you are using the Mic In port. 2. If using wireless mics connect them into the Line input of your mixer.
Bluetooth pairing fails	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, micro-waves, wireless routers, and other electronics. 6. Make sure that the unit is not paired to a previously paired device.
No SD or USB playback	1. Make sure you've selected the proper source. 2. Make sure that the audio files are in the specified format.

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Responsible party name: Rockville

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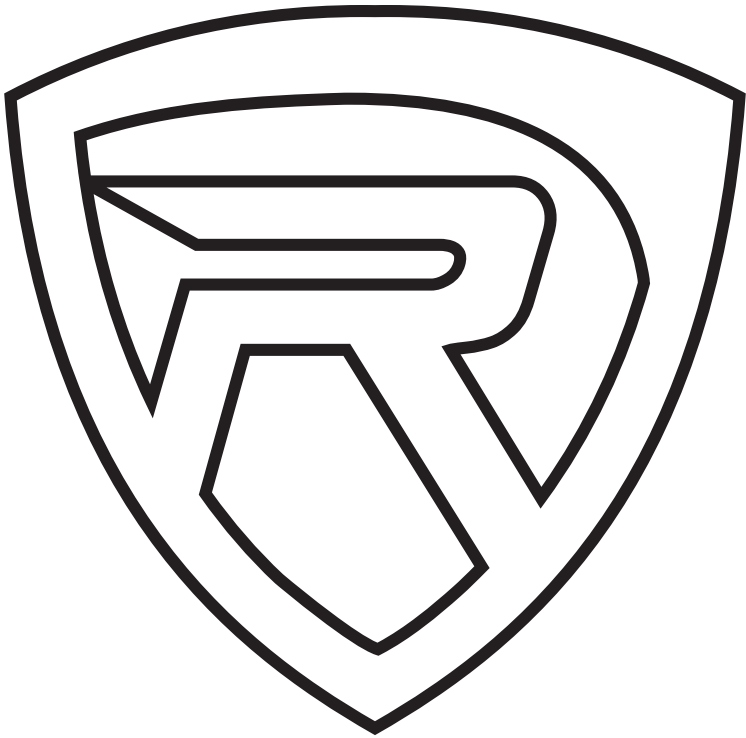   Entrance A,
       Inwood, NY 11096

Hereby declares that the product(s) Power Gig RPG102K pro audio speaker system complies 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 to 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.

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