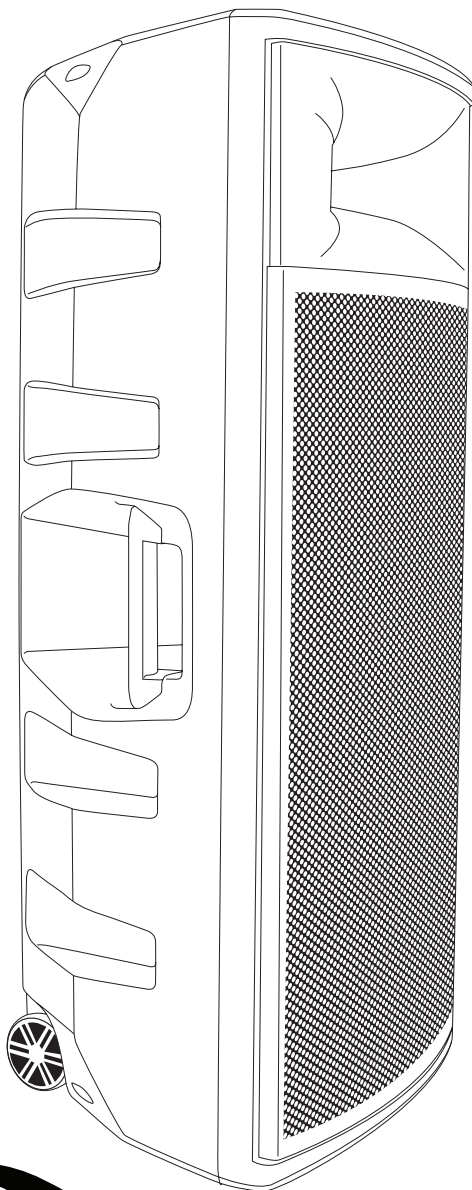
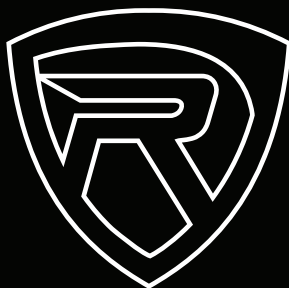


# ROCKVILLE



OWNER'S MANUAL



**POWER GIG**  
**RPG-225K**



Rockville is proud to introduce the all-new Rockville RPG225K. It is a complete all-in-one dual 15" PA system that includes everything you'll need! This system consists of two speakers: an active dual 15" master speaker with a built-in amplifier that sends a powered output signal to power the included dual 15" passive speaker.

Please read this owner's manual carefully for proper use of your Rockville RPG225K. Should you need technical assistance during or after your installation, please call our technical help line at 1-646-758-0144, Monday through Friday, 9am to 5pm EST.

## 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.

## Included

- (2) Dual 15" speakers (master & slave)
- (1) Rockville RMM-XLR High-Quality Dynamic Metal Microphone
- (1) Professional 20-foot XLR cable
- (1) 5-foot power cable for master speaker
- Wireless remote control
- Manual
- Warranty card

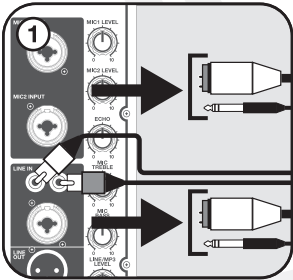
## How to Avoid Irritating Feedback

The placement of your microphone is critical in avoiding feedback through 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, we recommend approaching the speaker from the rear and not walking directly towards the front of the speaker.

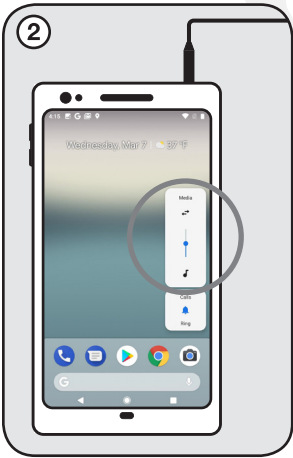


# Setting Level Controls

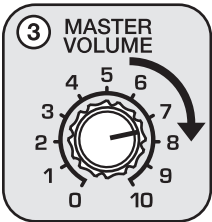
It is best practice to set your input level controls (gains) in this manner:



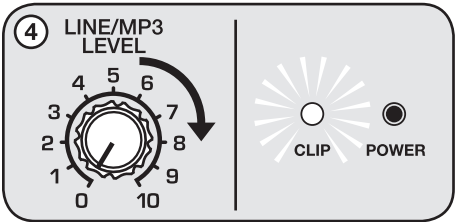
1. Unplug all inputs except for the one you wish to set the gain for. In this instance, the Line In RCA inputs.



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



3. Set the RPG225K Master Volume to 75%.



4. Slowly turn up the level on the selected input (in this case, the Line/MP3 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 RPG225K 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 RPG225K master volume should be set to 50% and the Line/MP3 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/MP3 Level control.

When adjusting the Mic1/Mic 2 Level controls, 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.

## **APPLICATION USES**

### **Microphone Presentations**

Your Power Gig features ultra-low noise Mic/Line inputs via XLR/¼" TRS combo stereo input.

1. Make sure the Power switch is in the OFF position.
2. Plug your microphone into either the XLR or ¼" jack.
3. Switch on the Power Gig unit.
4. Refer to the "Setting Level Controls" section of this manual for instructions on how to properly adjust the Mic Level controls.

If using a second microphone, connect the microphone to the Mic 2 Input and follow the same procedure detailed above.

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

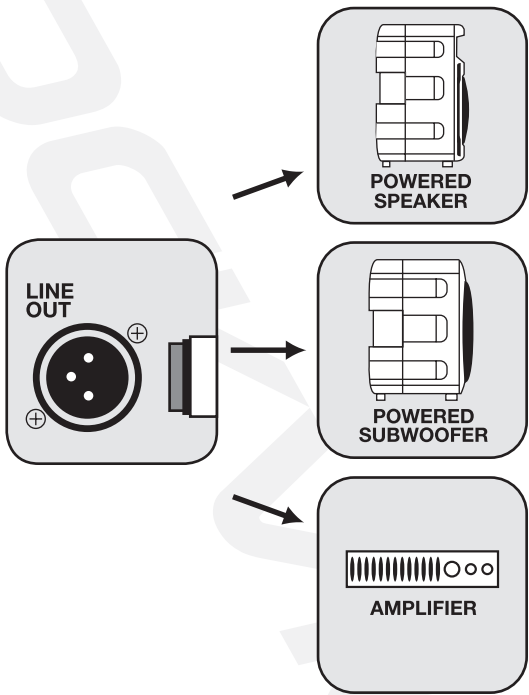
### **Line Input**

You can use the Line In XLR/¼" TRS combo stereo input to connect a mixer or the RCA inputs to connect an additional stereo signal source such as a smart phone, tablet, MP3 player, CD player, etc.

1. Make sure the Power switch is in the OFF position.
2. Connect the mixer to the XLR/¼" combo input or line level signal source to the RCA inputs (**never use both at once**).
3. Switch on the Power Gig unit.
4. Refer to the "Setting Level Controls" section of this manual for instructions on how to properly adjust the input level controls (gains).

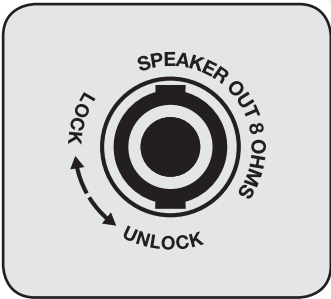
# Line Out Balanced Connection

The XLR Line Out allows you to output the amplifier signal to a subwoofer, another powered speaker, or an amp, which will, in turn, power other speakers. Simply connect the output device to the RPG225K using an XLR to XLR or XLR to 1/4" 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 1/4" TRS cable.



# Speaker Output Connection

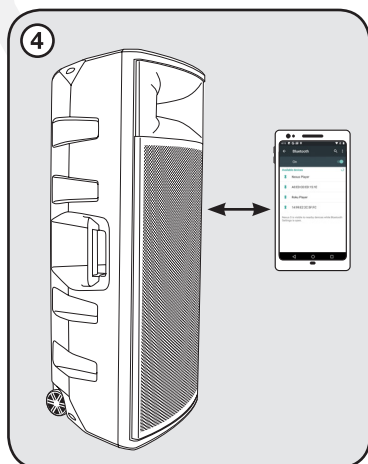
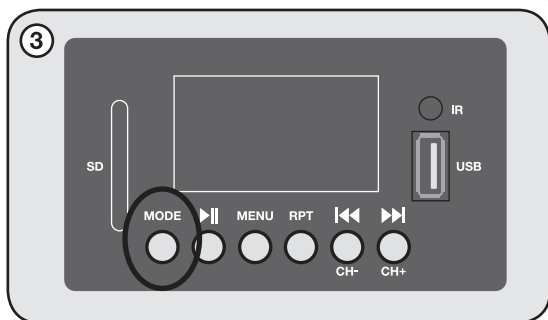
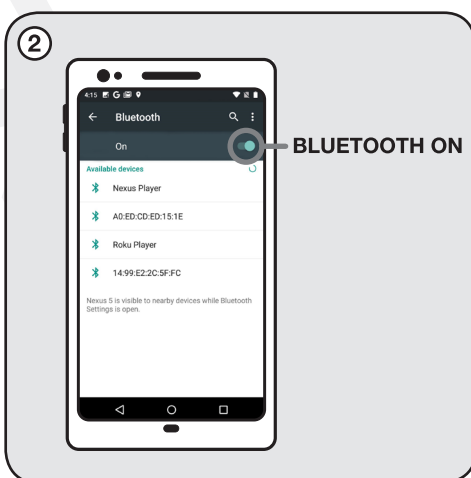
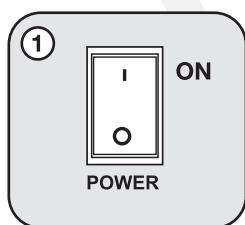
The Speakon output marked Speaker Out is used to connect the active unit to the passive unit. Passive speaker impedance must always be 8 ohms.

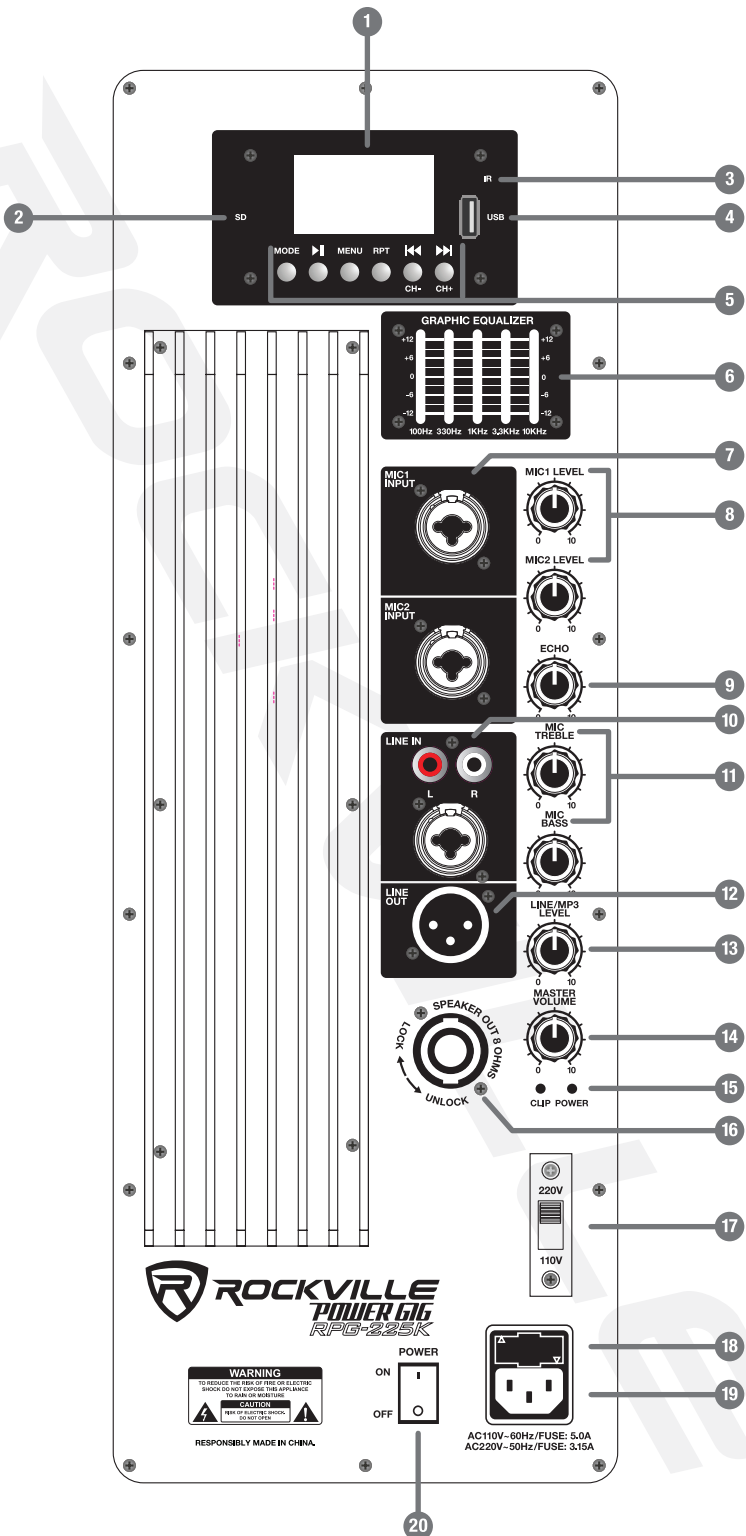


## Bluetooth Pairing

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

1. Make sure the Power Gig unit's power switch is in the ON position.
2. Turn on the Bluetooth feature on your device and ensure that it is discoverable.
3. Push the Mode button on your Power Gig unit until you are in Bluetooth mode.
4. Once in Bluetooth mode, the unit should show up on your device as "RPG225K". Select it from your list of available devices and you are ready to go.







1. LCD Display screen
2. SD Card input
3. IR Sensor
4. USB input
5. **MP3 Player controls:** **⏮ (CH-)/⏭ (CH+)** - In USB/SD/Bluetooth mode press these buttons to skip tracks. In FM mode press these buttons to skip stored stations.  
**Repeat** - Press once to repeat current track, press again to repeat all tracks, press again to exit repeat mode.  
**Menu** - In FM radio mode, press this button to enter manual tuning mode. Use the CH+/CH- buttons to navigate stations. Press the button to save desired stations. Press and hold the button for 5 seconds to delete manually saved stations.  
**Play/Pause** - Press this button once to start music playback; press again to pause playback. In FM radio mode press and hold for 5 seconds to automatically scan and save all available stations.  
**Mode** - press to switch between input modes: FM Radio, Bluetooth, USB, and SD.
6. 5-band graphic equalizer
7. **Mic Input:** The two XLR/¼" combo inputs accept XLR type connectors and balanced/unbalanced ¼" TRS plugs. When you use an unbalanced ¼" TRS plug, the line input automatically turns the ring into ground.
8. **Mic 1 and Mic 2 Level controls.**
9. **Mic echo level control**
10. **Line In:** The XLR/¼" combo input accepts signals from a variety of sources such as keyboards, electronic drums, mixers, etc. Use the RCA plugs to connect stereo signal sources such as CD players, DVD music players, MP3 players, etc.
11. **Mic Bass and Mic Treble Controls:** used to adjust the low and high level frequencies of the mic inputs.
12. **XLR Line Out:** sends a signal to a subwoofer, another powered speaker, or to an amp.
13. **Line/MP3 Level Control:** adjusts the signal coming from the Line In XLR/RCA inputs as well as input from the MP3 module (USB/SD/Bluetooth/FM Radio).
14. **Master volume**
15. **Power LED indicator and amplifier clip limit LED indicator.**
16. **Speakon output to passive speaker.**
17. **Voltage selector switch**
18. **User serviceable fuse**
19. **IEC AC power socket**
20. **Power switch**

## Specifications

- 500 Watts RMS / 1000 Watts Program Power / 2000 Watts Peak
- Built-in Class AB amplifier
- Dual High Power 15" Long-throw Woofers
- 2" KSV Voice Coils
- 51 Oz Magnets
- 1.75" Compression Horn Drivers
- Frequency Response: 45Hz – 20kHz
- Maximum SPL @ 1w/1m: 128dB
- Impedance: 8 Ohm

## Features

- (2) XLR/¼" TRS Combo Mic inputs
- Individual Mic volume controls
- Mic echo level control
- (1) XLR/¼" TRS Combo line input
- (1) RCA line input
- Line level/MP3 volume control
- XLR line output
- Master volume control
- Mic treble control
- Mic bass control
- Speakon output to second passive unit with included cable
- Slave unit features (1) Speakon input and (1) Speakon output.
- Power LED
- Clip LED
- USB/SD input (Max capacity: 64 Gb)
- Built-in FM radio with manual tuning
- 5-mode preset EQ
- Bluetooth connectivity with 60 foot range
- High quality wireless remote control
- LCD display screen for MP3 player functionality
- Built-in cooling fan
- Built-in handle and wheels for easy transport
- Built-in storage compartment
- Rugged high impact ABS enclosure
- 110/220 volt switchable
- User serviceable fuse

## Microphone Features

- Rockville RMM-XLR High Quality Dynamic Metal Microphone
- Steel mesh grill
- On/Off switch
- Rugged metal construction
- Natural sound reproduction
- Beautiful black finish
- Frequency Response: 50Hz – 15KHz
- Super cardioid polar pattern
- Impedance: 600 Ohm  $\pm 5\%$
- Sensitivity: -60dB  $\pm 3$ dB (0dB = 1V/Pa @ 1KHz)

## Troubleshooting

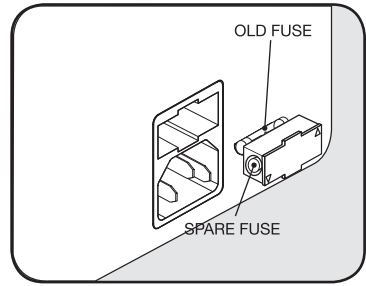
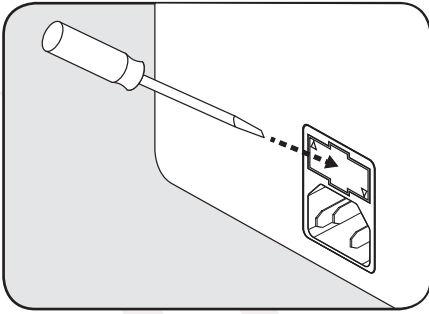
PROBLEM	SOLUTION
No power	<ol style="list-style-type: none"><li>1. Make sure the unit is plugged in and the power switch is in the ON position.</li><li>2. Check that the power cable is plugged in tightly to the unit.</li><li>3. Check and replace the fuse if necessary. See fuse replacement diagram on the facing page.</li><li>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.</li></ol>
No sound/ distorted sound	<ol style="list-style-type: none"><li>1. Check that all appropriate cables are plugged in correctly.</li><li>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).</li><li>3. Be sure your microphone is on and plugged into the correct input.</li><li>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.</li><li>6. If volume and Treble/Bass settings are maxed out, turn one of them down as you may be overdriving the unit.</li><li>7. Check volume and gain settings on all input sources.</li></ol>
Buzzing sound	Make sure you are using a proper cable. For ¼" cables, there are 3 types: instrument, TS (unbalanced), and TRS (balanced). The RPG225K accepts both TS and TRS ¼" 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"><li>1. Make sure you are using the Mic In ports.</li><li>2. If using wireless mics connect them into the Line input of your mixer.</li></ol>
Bluetooth pairing fails	<ol style="list-style-type: none"><li>1. Check to see that both devices are turned on and that your Bluetooth device is discoverable.</li><li>2. Turn both devices off and then on again.</li><li>3. Make sure you've selected the proper source.</li><li>4. Make sure that the Bluetooth device is within 5 feet of the unit.</li><li>5. Move both devices away from other Bluetooth devices, microwaves, wireless routers, and other electronics.</li><li>6. Make sure that the unit is not paired to a previously paired device.</li></ol>
No SD or USB playback	<ol style="list-style-type: none"><li>1. Make sure you've selected the proper source.</li><li>2. Make sure that the SD card and USB drive do not exceed the maximum capacity of 64GB.</li></ol>



**POWER GIG**  
**RPG-225K**

ROCKWELL

## Fuse replacement Diagram



## 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 RPG225K 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.

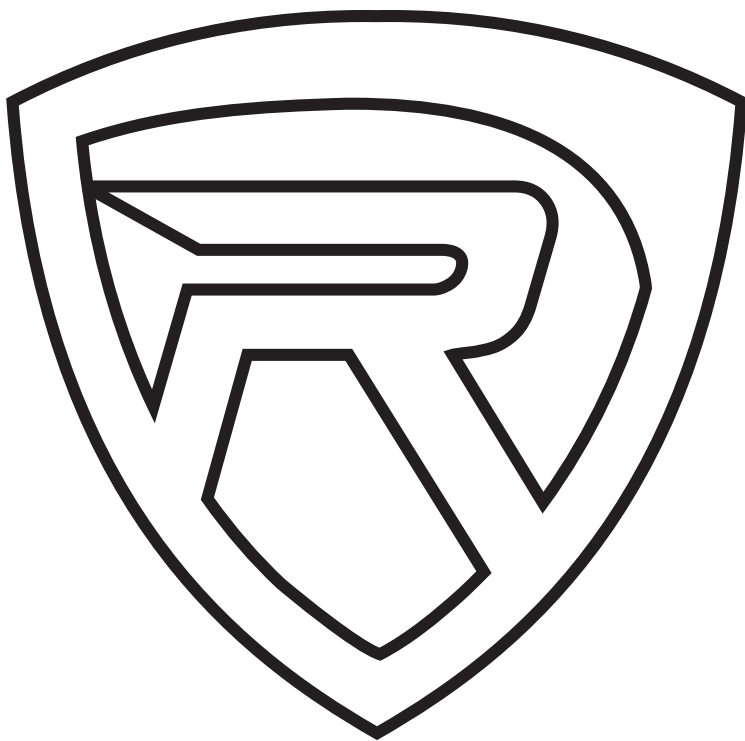
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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 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.

**POWER GIG**  
**RPG-225K**

ROCKWELL

# ***ROCKVILLE***



## **RockvilleAudio.com**

© 2019 ROCKVILLE // Features and specifications are subject to change and or improvement without notice.