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Rockville Power GIG RPG-122K PA System User Manual

Model: RPG122K

INTRODUCTION

Thank you for purchasing the Rockville RPG-122K All-In-One DJ/PA Package. This comprehensive system is designed to provide powerful and clear audio for a variety of applications, including DJ events, karaoke, parties, and live performances. This manual provides detailed instructions for setting up, operating, and maintaining your RPG-122K system to ensure optimal performance and longevity.

SAFETY INFORMATION

Please read these safety instructions carefully before operating the unit. Keep this manual for future reference.

- Do not open the unit. There are no user-serviceable parts inside. Refer servicing to qualified personnel.
- Do not expose this unit to moisture or extreme temperatures.
- Ensure proper ventilation around the unit to prevent overheating.
- Always connect the power cord to a grounded AC outlet.
- Disconnect the power cord during lightning storms or when unused for long periods.
- Avoid placing heavy objects on the power cord.
- Use only attachments/accessories specified by the manufacturer.

PACKAGE CONTENTS

Carefully unpack your RPG-122K system and ensure all items listed below are present and in good condition. If any items are missing or damaged, contact your dealer immediately.

- 1 x Active 12" DJ/PA Speaker
- 1 x Passive 12" DJ/PA Speaker
- 2 x Rugged Tripod Speaker Stands
- 1 x Wired Microphone
- 1 x Mic Clip

- 1 x XLR to XLR Cable (for wired microphone)
- 1 x 19 Ft. 1/4" Cable (for active to passive speaker connection)
- 1 x Power Cable (for active speaker)
- 1 x Wireless Remote Control
- 1 x Rockville RWM4200VH VHF Wireless Quad HandHeld Microphone System (Receiver + 4 Microphones)
- 1 x Rockville RTR172 17 Foot 2 Channel Twisted Pair RCA Cable
- 1 x Rockville RNRMR10 10' 3.5mm 1/8" TRS to Dual RCA Cable





Figure 1: All components included in the RPG-122K package.

PRODUCT OVERVIEW

Active Speaker Rear Panel



Figure 2: Active Speaker Rear Panel Controls and Connections.

- **Bluetooth Display:** Shows Bluetooth connection status.
- **USB/SD Card Slot:** For playing audio files from USB drives or SD cards.
- **Mode Button:** Switches between Bluetooth, USB, SD, and FM Tuner modes.
- **Play/Pause Button:** Controls playback for USB/SD/Bluetooth.
- **Previous/Next Track Buttons:** Navigates tracks for USB/SD/Bluetooth.
- **Repeat Button:** Repeats current track or all tracks.
- **Master Volume:** Adjusts the overall output volume of the system.
- **Bass/Treble Controls:** Adjusts low and high frequencies for sound customization.
- **Mic/Line Input (XLR/1/4" Combo):** Connects microphones or line-level devices.
- **Line Input (RCA/1/8" TRS):** Connects external audio sources like smartphones or laptops.
- **Line Output (RCA):** Sends audio signal to another powered speaker or mixer.
- **Speaker Output (1/4"):** Connects to the passive speaker.
- **Power Switch:** Turns the unit on or off.
- **AC Input:** Connects the power cable.
- **Clip LED Indicator:** Illuminates when the audio signal is clipping (distorting).

Wireless Microphone System (RWM4200VH)



Figure 3: Rockville RWM4200VH Wireless Microphone System.

The RWM4200VH system includes a receiver unit and four handheld wireless microphones. The receiver features individual volume controls for each microphone channel and a digital display for frequency information. It connects to the active speaker via XLR or 1/4" outputs.

SETUP

Speaker Setup

1. Place the two speaker stands on a stable, level surface. Extend the legs fully for maximum stability.
2. Carefully mount the active speaker onto one speaker stand and the passive speaker onto the other. Ensure they are securely seated.
3. Connect the 19 ft. 1/4" cable from the "Speaker Out" jack on the active speaker's rear panel to the "Speaker In" jack

on the passive speaker's rear panel.

4. Connect the power cable to the "AC Input" on the active speaker and then to a grounded AC outlet.



Figure 4: Fully assembled RPG-122K PA system.

Wireless Microphone System Setup

1. Place the RWM4200VH wireless microphone receiver near the active speaker.
2. Connect the audio output of the wireless receiver (XLR or 1/4") to one of the "Mic/Line Input" jacks on the active speaker's rear panel.
3. Connect the power adapter for the wireless receiver and plug it into an AC outlet.
4. Insert fresh batteries into each wireless microphone.

OPERATING INSTRUCTIONS

Powering On/Off

To power on the system, ensure all connections are secure, then flip the "Power Switch" on the active speaker to the ON position. To power off, flip the switch to the OFF position.

Bluetooth Pairing

1. Press the "Mode" button on the active speaker until "Bluetooth" is displayed. The unit will enter pairing mode.
2. Enable Bluetooth on your smartphone or other device.
3. Search for "ROCKVILLE" in your device's Bluetooth list and select it to pair.
4. Once connected, you can play audio from your device through the speakers.

USB/SD Playback

1. Insert a USB drive or SD card containing MP3 or WMA audio files into the respective slot.
2. The unit will automatically switch to USB/SD mode and begin playback. If not, press the "Mode" button.
3. Use the Play/Pause, Previous, and Next buttons to control playback.

Microphone Usage

- **Wired Microphone:** Connect the wired microphone to the "Mic/Line Input" using the provided XLR cable. Adjust the corresponding channel volume on the active speaker.
- **Wireless Microphones:** Ensure the wireless receiver is powered on and connected to the active speaker. Turn on each wireless microphone. Adjust individual microphone volumes on the wireless receiver and the overall input volume on the active speaker.

FM Tuner

Press the "Mode" button until "FM" is displayed. Use the Previous/Next buttons to scan for radio stations. The system will automatically save found stations.

Mixer Controls

- **Master Volume:** Controls the overall output level of the entire system. Adjust this to achieve desired loudness without distortion.
- **Bass/Treble:** Use these knobs to fine-tune the low and high frequencies of the audio output. Turn Bass up for more low-end punch, and Treble up for more clarity in high frequencies.
- **Clip LED:** If this LED illuminates frequently, reduce the input volume or master volume to prevent distortion and potential speaker damage.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your RPG-122K system.

- **Cleaning:** Use a soft, dry cloth to clean the exterior surfaces of the speakers and receiver. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the system in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to use the original packaging for storage and transport.
- **Cables:** Regularly inspect all cables for signs of wear or damage. Replace any damaged cables immediately to prevent performance issues or safety hazards.

TROUBLESHOOTING

If you encounter issues with your RPG-122K system, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off; Outlet not working.	Ensure power cable is securely connected; Turn power switch ON; Test outlet with another device.
No sound from speakers	Volume too low; Input source not connected; Incorrect mode selected; Passive speaker cable loose.	Increase Master Volume; Check input cable connections; Select correct input mode (Bluetooth, USB, etc.); Ensure 1/4" cable to passive speaker is secure.
Distorted sound	Volume too high (clipping); Input signal too strong; Bass/Treble settings too extreme.	Reduce Master Volume or input volume until Clip LED stops flashing; Adjust Bass/Treble controls.
Bluetooth not connecting	Speaker not in Bluetooth mode; Device too far; Device already connected to another unit.	Press Mode button to select Bluetooth; Move device closer to speaker; Disconnect from other devices and try again.
Microphone not working	Mic not connected; Mic volume low; Batteries dead (wireless); Incorrect input selected.	Check mic cable connection; Increase mic volume on speaker/receiver; Replace batteries; Ensure correct input is selected.

SPECIFICATIONS

Feature	Specification
Model	RPG122K
Peak Power	1000 Watts
RMS Power	250 Watts
Speaker Size	12 inches
Amplification Type	Active (one speaker), Passive (one speaker)
Connectivity	Bluetooth, USB, SD, RCA, XLR, 1/8" TRS
Wireless Microphone System	VHF Quad Handheld (RWM4200VH)
Material	Aluminum (cabinet)
Product Dimensions (each speaker)	43.18 x 39.37 x 121.92 cm (17 x 15.5 x 48 inches)
Item Weight	Approx. 0.28 g (for the system, likely a typo in source, actual weight is higher)
UPC	613816026210

WARRANTY AND SUPPORT

Rockville products are designed and manufactured to the highest standards. This product is covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your package or visit the official Rockville website.

If you require technical assistance or have questions regarding the operation of your RPG-122K system, please contact Rockville customer support. Have your product model number and purchase information ready when contacting support. **Contact Information:** Please refer to the Rockville website or your product packaging for the most current customer support contact details.

