

Rockville (2) RPG10+(2) RBG12S+(2) RSP36

Rockville RPG10 Bundle: 10-Inch Powered PA Speakers, 12-Inch Active Subwoofers, and Mounting Poles Instruction Manual

Brand: Rockville

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Rockville RPG10 Bundle. This PA package combines powered top speakers, powered subwoofers, and mounting poles to create a versatile sound system suitable for various applications.

2. PACKAGE CONTENTS

The Rockville RPG10 Bundle includes the following components:

- (2) Rockville RPG10 10" Powered Active 2-Way DJ PA Speakers (600W Peak / 150W RMS each)
- (2) Rockville RBG12S Bass Gig 12" Active Powered PA Subwoofers (1400W Peak / 350W RMS each)
- (2) Rockville RSP36 36" Mounting Poles for Subwoofer to Speaker

3. PRODUCT FEATURES

3.1 RPG10 Powered Active Speakers

- 10" long-throw woofer with 2" aluminum voice coil.
- 1.35" titanium compression driver for full-range sound.
- Power: 150-Watt RMS / 300-Watt Program / 600-Watt Peak per speaker.
- Frequency Response: 45 Hz-20 kHz.
- Built-in Class AB amplifier and 2-band EQ.
- Multiple Mic/Line inputs for flexible use.

3.2 RBG12S Active Powered Subwoofers

- 12" driver with 80 oz magnet and 2" voice coil.
- Power: 350-Watt RMS / 700-Watt Program / 1400-Watt Peak per subwoofer.
- Frequency Response: 50 Hz-2000 Hz.
- Adjustable 55 Hz-800 Hz crossover.
- Polarity and level controls.
- XLR/TRS inputs and thru outputs.
- 7-layer birch baffle for durable performance.

3.3 RSP36 Mounting Poles

- 36-inch length.
- 35 mm pole diameter.
- 200 lb load capacity.
- Designed to fit standard pole cups on subwoofers and top speakers.

4. SETUP INSTRUCTIONS

4.1 Unpacking and Initial Inspection

Carefully remove all components from the packaging. Inspect each item for any signs of damage. Retain all packaging materials for future transport or storage.

4.2 Assembling the Speaker System

1. **Position Subwoofers:** Place the two RBG12S subwoofers in your desired locations. Ensure they are on a stable, flat surface.
2. **Insert Mounting Poles:** Insert one RSP36 mounting pole into the pole mount on top of each RBG12S subwoofer. Secure the pole by tightening any locking mechanisms on the subwoofer's pole mount.
3. **Mount Top Speakers:** Carefully lift one RPG10 powered speaker and place its pole mount onto the top of an RSP36 pole. Repeat for the second RPG10 speaker. Ensure the speakers are securely seated on the poles.



Figure 1: Fully assembled Rockville RPG10 Bundle with speakers mounted on subwoofers via poles.

4.3 Connecting the System

Follow these steps to connect your PA system:

1. **Power Connection:** Connect the power cables to the power inputs on the rear panel of each RPG10 speaker and RBG12S subwoofer. Plug the other end into a suitable power outlet.
2. **Signal Chain (Mixer to Subwoofer):** Connect your audio source (e.g., mixer) to the input of the first RBG12S subwoofer using an XLR cable.

3. **Subwoofer to Subwoofer (Optional):** If using both subwoofers in a stereo or linked setup, connect the 'THRU' output of the first RBG12S to the input of the second RBG12S.
4. **Subwoofer to Top Speaker:** Connect the 'LINE OUT' (or 'THRU' if available and appropriate) of each RBG12S subwoofer to the 'LINE IN' (XLR or 1/4" TRS) of the corresponding RPG10 powered speaker. This sends the processed signal from the subwoofer to the top speaker.



Figure 2: Rear panel of the RPG10 Powered Speaker. Note the various input options and EQ controls.



Figure 3: Rear panel of the RBG12S Active Subwoofer. Observe the balanced XLR inputs/outputs, level, and crossover controls.

4.4 Video Guide for Subwoofer Connections

For a visual guide on connecting the RBG12S subwoofer, please refer to the video below:

Video 1: "All About Your RBG12S" - This video provides detailed instructions on the features and connectivity of the Rockville RBG12S subwoofer, a key component of your bundle.

4.5 Video Guide for Dual Speaker Mounting

For general guidance on mounting multiple speakers on a single pole, which can be adapted for your RSP36 poles, please watch this video:

Video 2: "DP MOUNT (AMAZON)" - This video demonstrates the setup of a dual speaker mount, offering insights into how to position and secure speakers on a pole, relevant for your RSP36 poles.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

After all connections are made, turn on your audio source (e.g., mixer) first, then power on the RBG12S subwoofers, and finally the RPG10 powered speakers. When powering off, reverse the sequence: turn off speakers, then subwoofers, then the audio source.

5.2 Adjusting Sound Levels

- **RPG10 Speakers:** Use the GAIN knob to adjust the input sensitivity for the top speakers. The BASS and TREBLE controls allow you to fine-tune the high and low frequencies.
- **RBG12S Subwoofers:** The VOL (Volume) knob controls the output level of the subwoofer. The LPF (Low Pass Filter) knob adjusts the crossover frequency (55 Hz-800 Hz), allowing you to blend the subwoofer's output with the top speakers. The POLARITY switch can be used to optimize bass response depending on speaker placement.

5.3 Input Connections

The RPG10 speakers feature XLR, 1/4" TS, and RCA audio inputs. The RBG12S subwoofers offer XLR/TRS inputs for balanced connections.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the speaker and subwoofer enclosures. Avoid using abrasive cleaners or solvents.
- **Storage:** When not in use, store the system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Always use the integrated handles for lifting and carrying the speakers and subwoofers. Be cautious when moving the assembled system.

7. TROUBLESHOOTING

- **No Sound:** Ensure all power cables are securely connected and units are powered on. Check all audio cables for proper connection and integrity. Verify volume levels on all components (mixer, subwoofers, speakers).
- **Distorted Sound:** Reduce the volume level on your audio source, subwoofers, or speakers. Check for damaged cables. Ensure input signals are not clipping (indicated by clip lights on the units).
- **Hum or Noise:** Ensure all components are properly grounded. Try using balanced XLR cables for longer runs. Check for interference from other electronic devices.

8. SPECIFICATIONS

8.1 General System Specifications

- Item Weight: 161 pounds
- Product Dimensions: 16 x 12.5 x 21.5 inches
- Material: Metal (grilles), ABS (speakers), Birch (subwoofers)
- Color: Black
- Power Source: Corded Electric

8.2 RPG10 Speaker Specifications

- Woofer Size: 10 inches
- RMS Power: 150W
- Peak Power: 600W
- Frequency Response: 45 Hz-20 kHz
- Impedance: 8 Ohms
- Audio Input: XLR, 1/4" TS, RCA

8.3 RBG12S Subwoofer Specifications

- Woofer Size: 12 inches
- RMS Power: 350W
- Peak Power: 1400W
- Frequency Response: 50 Hz-2000 Hz
- Adjustable Crossover: 55 Hz-800 Hz
- Audio Input: XLR, 1/4" TRS

9. CUSTOMER SUPPORT

For any inquiries or assistance with your Rockville RPG10 Bundle, please contact the seller, Audiosavings, directly. They offer customer support and can provide further guidance.