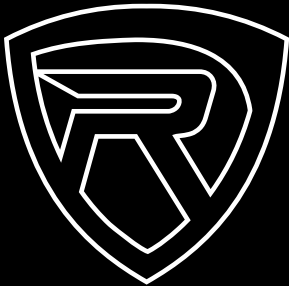
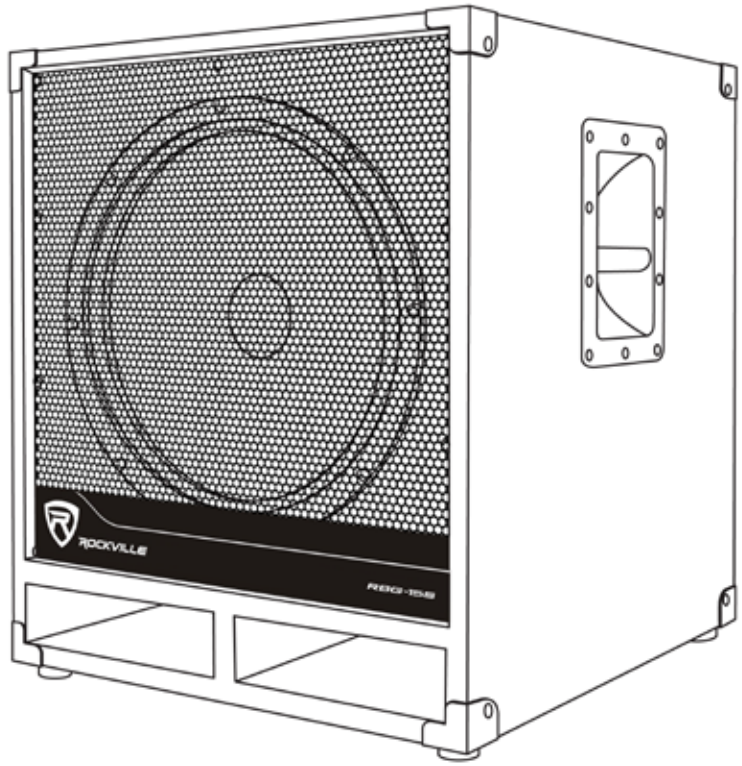


# ROCKVILLE



**RBG-15S/RBG-18S  
OWNER'S MANUAL**

***BASS GIG*  
SERIES**

# **ROCKVILLE**

Thank you for purchasing this Rockville Bass Gig series pro audio speaker.

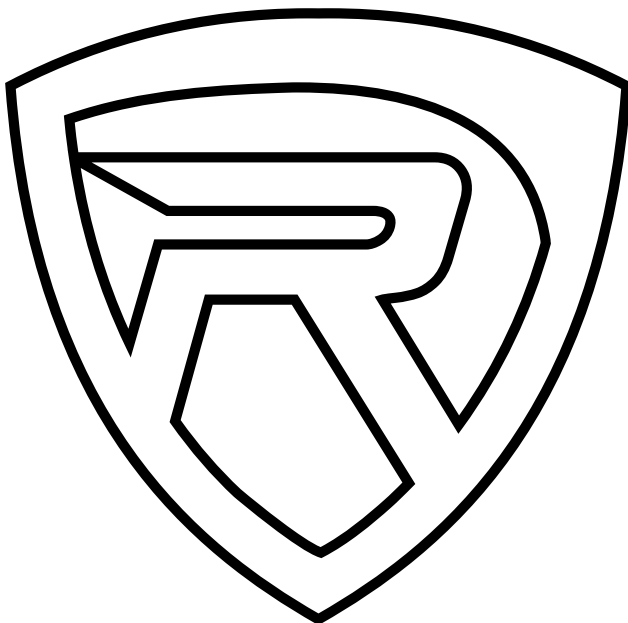
We are very proud to bring you what we consider to be the absolute best value line pro audio speakers. This project has been a culmination of years of development involving a team of dreamers, engineers, designers and marketing gurus. Proudly conceived and developed in the USA, Rockville pro audio speakers are designed and engineered by a team of music enthusiasts, DJ's and musicians.

We have spared no expense in manufacturing these speakers to meet the highest quality standards. With proper care and installation this unit will provide you with the highest levels of sound quality. We hope that this unit will bring you years of performance and reliability.

Our goal to you and to your audience is to hear "live performance sound" the way it was meant to be experienced.

Please read this installation guide carefully for proper use of your Bass Gig series pro audio speaker. 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.

# **ROCKVILLE**



## Specifications

### RBG-15S

- 400 Watts RMS / 800 Watts Program / 1600 Watts Peak
- 15" Woofer with 90oz Magnet and 3" Voice Coil
- Frequency Response: (+/-3dB) 35Hz - 150Hz
- Maximum SPL @ 1w / 1m: 120dB Peak / 115dB Continuous

## Specifications

### RBG-18S

- 500 Watts RMS / 1000 Watts Program / 2000 Watts Peak
- 18" Woofer with 120oz Magnet and 4" Voice Coil
- Frequency Response: (+/-3dB) 29Hz - 150Hz
- Maximum SPL @ 1w / 1m: 125dB Peak / 120dB Continuous

## Features

### RBG-15S / RBG-18S

- Powered subwoofer
- DSP Digital Signal Processor with Boost or Extended Low Frequency Control
- Power-On and Signal Input LED Indicators
- Signal Input LED Indicator
- Clip Limiter Circuitry with LED Indicator
- Balanced XLR + TRS input jacks
- Balanced XLR thru/output jacks for parallel connections
- Passive heat sink with heat sensitive variable speed auto turn-on fan for cooling
- Subwoofer Crossover 80Hz/100hz/120HZ Low Pass
- Subwoofer Level Adjustment
- Subwoofer Phase Control
- Built-in pole mount socket
- Built-in carrying handle
- Heavy-duty locking wheel casters (RBG-18S only)
- Custom metal grill
- Durable black carpet with black metal corners
- 7-layer Birch 5/8" plywood baffle board construction
- Dimensions: RBG-15S - 23.25" x 20.75" x 19.75" / RBG-18S - 26.5" x 12.25" x 24.25"
- Weight: RBG-15S - 73Lbs / RBG-18S - 84Lbs

## IMPORTANT SAFETY INSTRUCTIONS



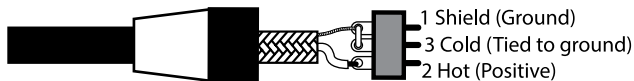
- To reduce risk of electric shock, never open the unit. There are no user serviceable parts, refer service to an authorized Rockville service center.
- Do not expose this unit to any kind of moisture.
- Unit should be situated away from heat sources.
- Do not obstruct vents or exhaust fan.
- Please ensure that the unit is situated in a properly ventilated area.
- Make sure the unit is placed on a level and stable surface. This unit should not be mounted to a wall or ceiling.
- If this product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other), it will fit into the outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug. If this product is equipped with a three-wire grounding type plug, a plug having a third (grounding) pin, it will only fit into a grounding type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding type plug.

## Balanced vs Unbalanced Lines

A balanced line is a three-conductor system in which two signal wires carry an equal, but opposite voltage with respect to the ground wire. The ground wire acts only as a shield and does not carry any audio signal current. Outside interference is either shielded from the internal signal conductor, or if it gets into the cable is cancelled out by the opposite signals at the receiving end. Balanced connections are preferred for long cable runs.

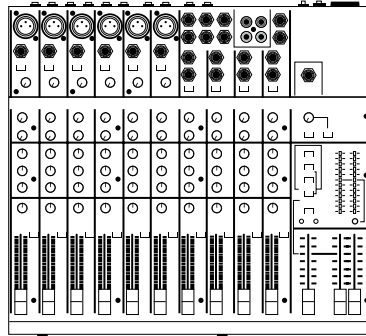


An unbalanced cable is a two-wire system where the shield (ground wire) acts as one of the current carrying signal conductors. The center conductor enclosed by the shield is commonly known as the “hot” conductor. Unbalanced audio cables do not reject noise as well as balanced lines. Unbalanced lines are typical in home hi-fi type systems and on the outputs of electronic musical instruments. These work well if the distance between the components is short, the signal level is relatively high and all of the electronics used in the system are plugged into the same AC outlet.

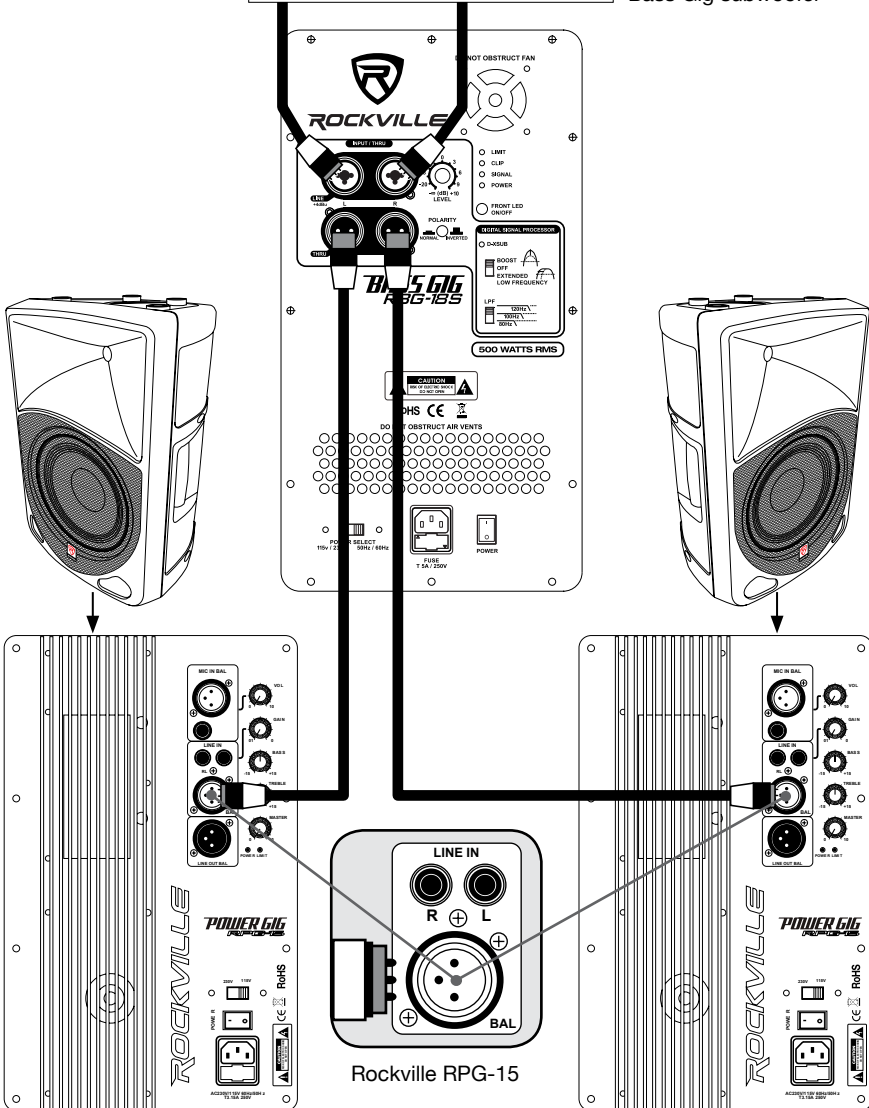


# ROCKVILLE

## Configuration



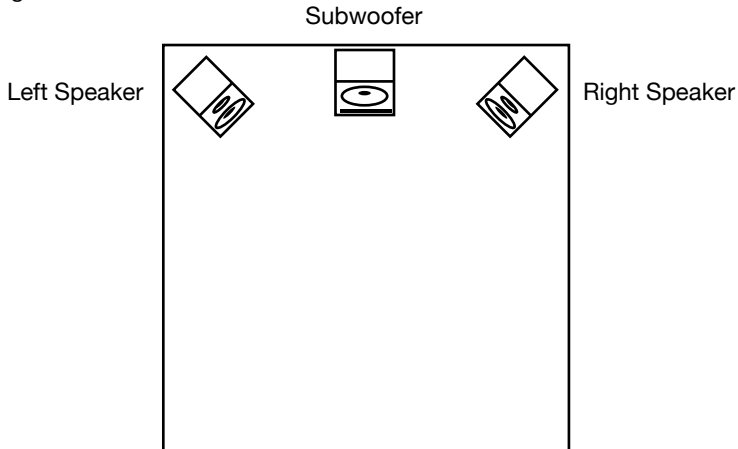
Signal output from mixing board to Bass Gig subwoofer



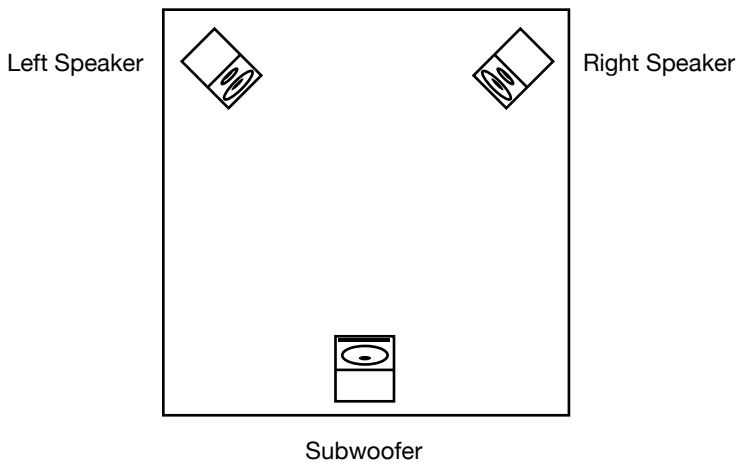
## Subwoofer Placement & Time Alignment

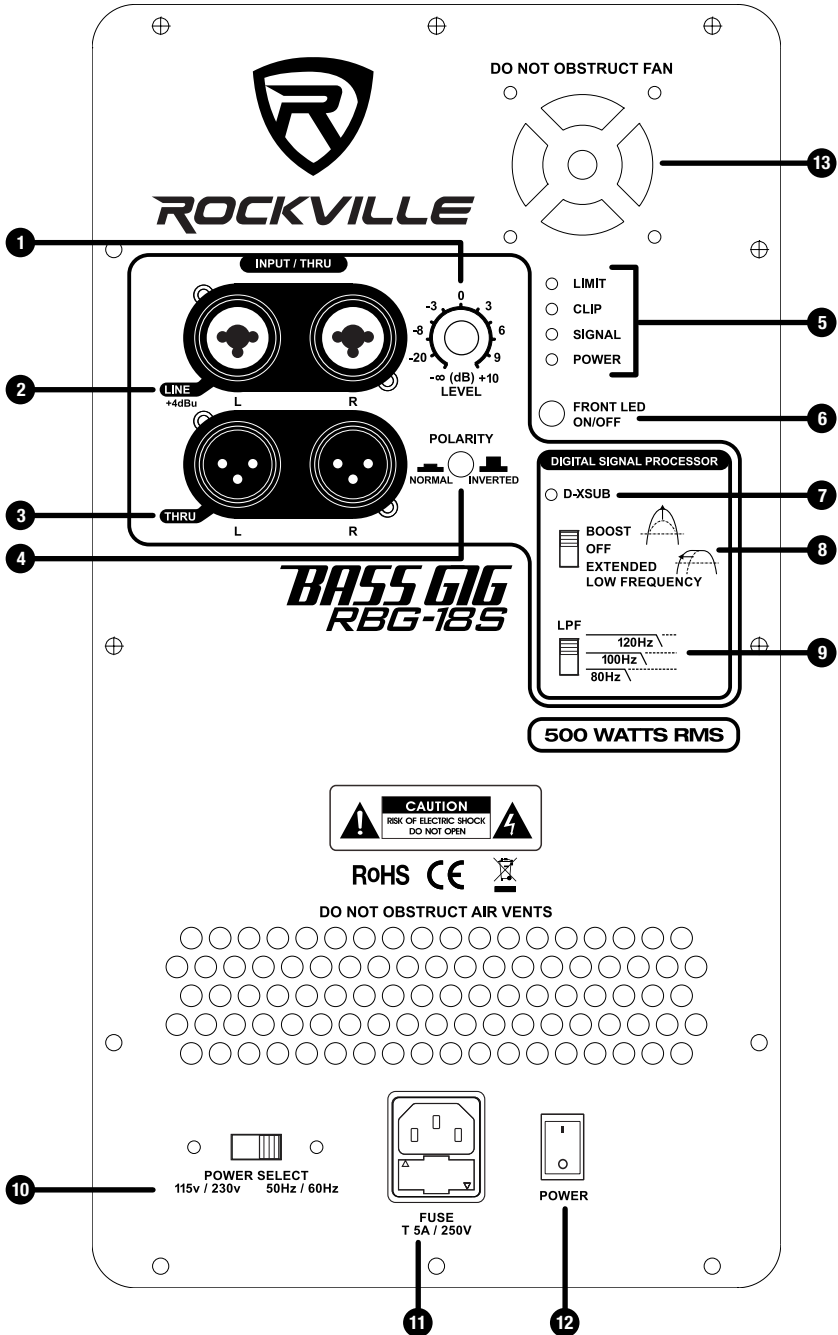
Different venues will require you to place your Bass Gig unit in different locations. If your subwoofer is set too far away from the main speakers a time anomaly occurs making the bass seem out of alignment with the speakers.

When set up near your front supporting speakers the time alignment of the subwoofers and the speakers will be in near alignment so you should set your Bass Gig Polarity setting to 0 degrees.



If you are required to set up your subwoofer in the back of the venue while your sound reinforcement speakers are in front, set the Bass Gig Polarity to 180 degrees which will time align the subwoofer with the speakers so there is no delay and the bass + full range sound will be in sync.





DO NOT OBSTRUCT FAN

## ROCKVILLE

### BASS GIG RBG-18S

**500 WATTS RMS**

**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN

RoHS CE

DO NOT OBSTRUCT AIR VENTS

POWER SELECT  
115v / 230v 50Hz / 60Hz

FUSE  
T 5A / 250V

POWER



1. The Level knob is used to regulate the output level of the subwoofer. It allows you to set the balance between the speakers and subwoofers.
2. Full Range XLR/TRS 1/4" combo input will accept line input signal from any line level device with a balanced output jack.
3. Full Range XLR output will send the signal from the Full Range XLR inputs to another device.
4. Polarity switch button reverses polarity of subwoofer and is dependent on the placement of the subwoofer relative to the speakers.
5. Indicator lights.
  - Limit LED lights when limiter circuit automatically detects signal is being over driven so that signal does not clip & distort.
  - Amplifier Clip LED indicator lights up when the amplifier is near clipping. An occasional flickering is acceptable. If LED is lit continuously adjust the Level control and reduce the output level of connected sources. Failure to do so may lead to premature failure of your speaker.
  - Signal LED indicator. Indicates signal input from connected sources.
  - Power LED indicator.
6. Front LED Power on/off button.
7. D-XSUB LED indicator.
8. Bass boost selector.
  - Boost increases the high end bass frequencies by 3dB.
  - Extended Low Frequency increases the low frequency range.
9. Low Pass Frequency switch offers the user three Low Pass frequency settings.
10. Voltage selector switch.
11. IEC AC Power socket / user serviceable fuse compartment
12. Power switch
13. Cooling fan

# ROCKVILLE

## Trouble Shooting

### UNIT FAILS TO POWER UP.

1. Make sure unit is plugged in properly to wall outlet.
2. Check that power cable is plugged in tightly to unit.
3. 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.
4. If system still fails to light, **UNPLUG FROM WALL**. There is a small door below the plug input on the Bass Gig unit, pop off this door and remove the fuse with long nose pliers and replace with same rated fuse. Please make sure unit is unplugged from wall before attempting to change the fuse!

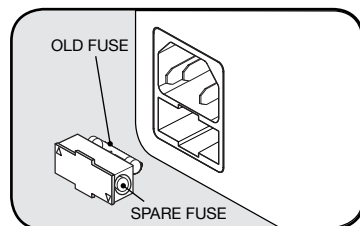
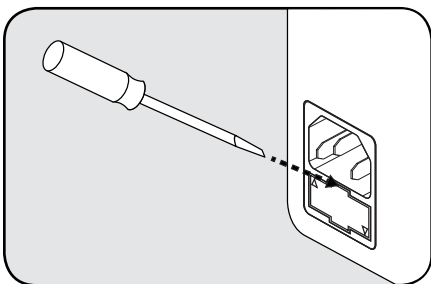
### UNIT TURNS ON, BUT NO SOUND.

1. Check that all cables are plugged in properly.
2. If using a mixing console make sure fader and balance are set to center positions and level increased.

### NOISE, HISS, OR HUM AT OUTPUT.

1. Make sure you are using balanced XLR cables.
2. Check that you are connected to a three prong outlet. If not plug the unit into a three prong outlet. If none is available we suggest using a Ground Lift adapter or upgrading your electrical outlets.

## Fuse replacement Diagram





## FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Responsible party name: Rockville

Address: 333 Pearsall Ave.  
Cedarhurst, NY 11096

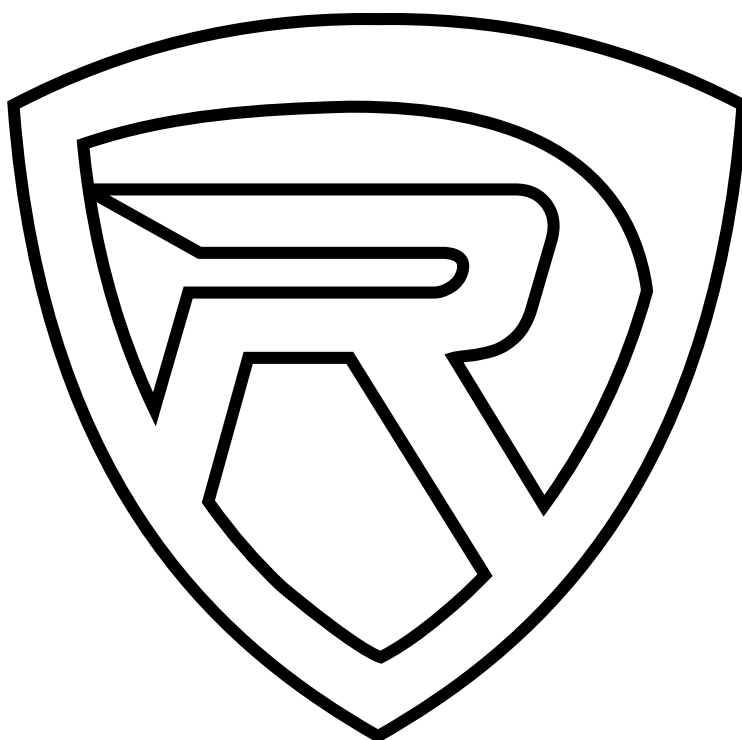
Hereby declares that the product(s) Power Gig series Bluetooth pro audio speakers comply with FCC rules as mentioned in the following paragraph:

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***



**RockvillePro.com**

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