

# ROCKVILLE

## PLX12

12" POWERED PA SPEAKER  
w/PLYWOOD ENCLOSURE

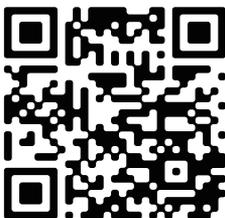
## OWNER'S MANUAL

**ATTENTION:  
WATCH THIS VIDEO BEFORE FIRST USE!**

Scan the **QR code** or go to [rockvillesupport.com/plx12](http://rockvillesupport.com/plx12) for essential information, guides (video and/or written), and tips to make the most out of your purchase.

**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 PLX12 Powered PA Speaker. Please read this owner's manual carefully for proper use of your PLX12. Should you need assistance, please call our technical help line at 1-646-758-0144, 24 hours a day/7 days a week.

## Included

- (1) 12" speaker
- (1) 6-foot power cable
- Manual
- Video Card

## IMPORTANT SAFETY INSTRUCTIONS



- To reduce risk of electric shock, never open the unit. There are no serviceable parts; refer service to the Rockville service center.
- Use the power cord provided with the equipment. Connect the unit to a power source that provides a good ground connection. Do not remove or tamper with the ground connection on the power cord. Route the power cord so that it is not likely to be walked on, stretched, or pinched by items placed on or against it.
- To reduce the risk of fire or electrical shock, do not expose the unit to rain or moisture or use in damp or wet conditions. Do not place containers of liquid on it as they may spill into any openings.
- Protect from excessive dirt, dust, heat, and vibration when operating and storing. Avoid tobacco ash, drink spillage, and smoke especially that associated with smoke machines.
- Protect the controls from damage during transit. Use adequate padding if you need to ship the unit. To avoid injury to yourself or damage to the equipment, take care when lifting, moving, or carrying the unit.
- Switch off the equipment and unplug the power cord immediately if it is exposed to moisture or spilled liquid, smoke odor or noise is noted.

## How to Avoid Irritating Feedback

The placement of your microphone is critical in avoiding feedback through your PLX12 speaker. 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 towards the front of the speaker.



# DSP Operation

The DSP module features a multifunction button that can be used to access the DSP menu and make adjustments to the various settings. Press the button to enter the DSP menu, then turn it to scroll through the 6 menu items. Upon arriving at the desired menu item, press the button to enter the sub menu, then turn it to make adjustments. Refer to the list below.

## 1. SETUP

### LED

- a. DISPLAY: N/A
- b. BRIGHT: Adjust display brightness
- c. BACK: Return to the SETUP menu.

**BLUETOOTH** (refer to pages 4 to 7 for more details)

- a. BLUETOOTH ON/OFF
- b. ID: Indicates the unit's bluetooth pairing ID.
- c. CONTROL PAIRING: When selected, will disconnect all paired items and return the unit to pairing mode.
- d. TWS PAIRING: Select to initiate wireless stereo pairing mode.
- e. BACK: Return to the SETUP menu.

**DELAY:** Activate this function when using multiple speakers that are at different distances from the audience. For example, if you have a pair of PLX12 speakers center stage and another pair farther from the audience, you can delay the signal to the stage speakers to time align with the speakers that are placed further away.

- a. DELAY ON/OFF: Adjust the length of the delay from 0.1 – 10.0ms (1cm – 340cm).
- b. UNIT: Set the unit of measurement for the delay function, milliseconds (ms) or centimeters (cm).
- c. BACK: Return to the SETUP menu.

### RESET

**DEFAULT SETTING NO/YES:** Selecting YES will reset the unit to the original factory settings.

**UPDATE:** N/A

**EXIT:** Return to the MAIN menu.

## 2. MODE

In this menu you can select from one of the preset EQ curves: **MUSIC**, **CLUB**, **LIVE**, **SPEECH**, and **FLAT**. The onscreen graph shows the bass (red line) and treble (yellow line) output of each preset.

## 3. LOW CUT

Used in conjunction with a subwoofer, in this menu you can set the low cut off frequency. There are five different presets: **FLAT**, **80Hz**, **100Hz**, **120Hz**, and **150Hz**.

## 4. EQ

Adjust the **TREBLE**, **MID**, and **BASS** frequencies from -10dB – +10dB.

## 5. POSITION

Changes the sound profile of the speaker to compensate for different speaker installations. These are **PA**, **FLOOR MONITOR**, and **WALL MOUNT** (speakers rigged for a flown arrangement). Each selection also features a graphic representation of the type of installation.

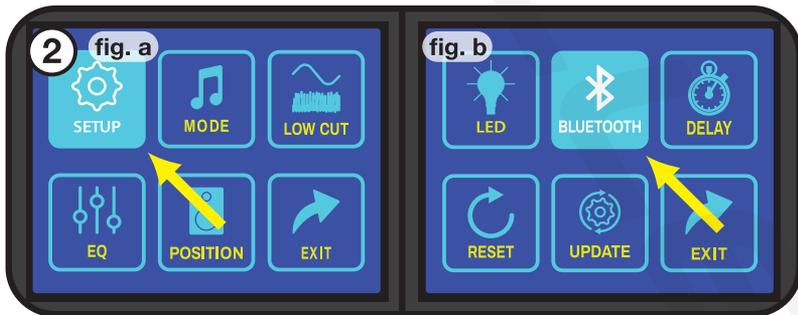
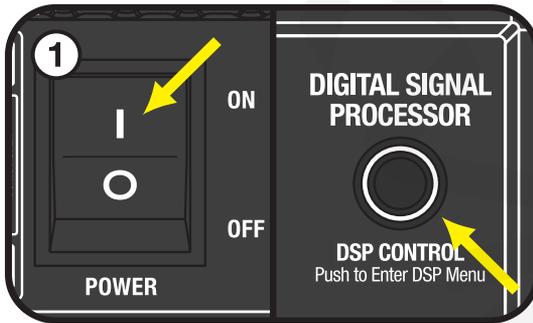
## 6. EXIT

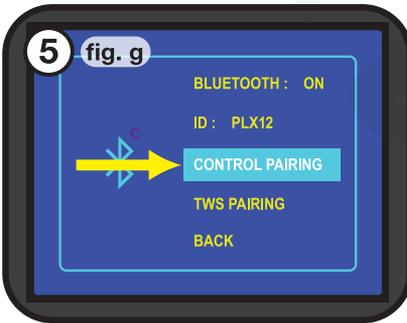
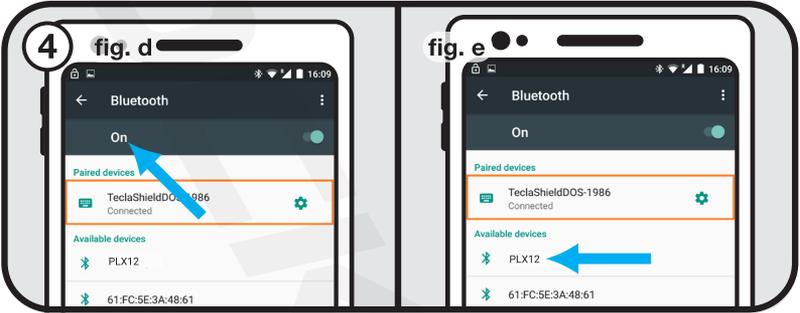
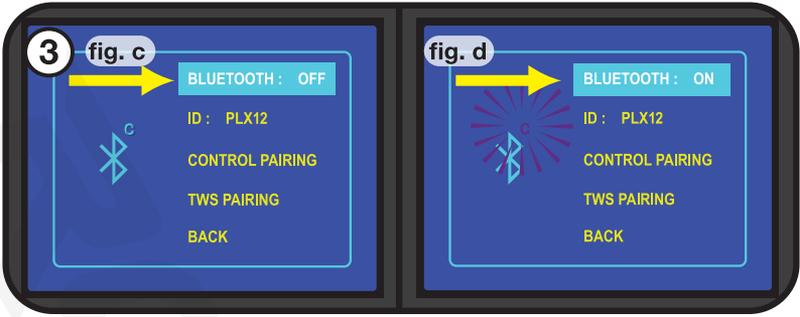
Select to exit the DSP options menu.

# Wireless Streaming

To connect any bluetooth capable device, follow the steps listed below.

1. Switch the unit ON and press the DSP mode button.
2. Turn the DSP CONTROL MFB to highlight SETUP (fig.a), then press the MFB. Within the SETUP menu turn the MFB to highlight BLUETOOTH (fig.b).
3. Press the MFB to enter the BLUETOOTH menu. Upon entering the menu, you will see BLUETOOTH OFF (highlighted) and a small light blue C above and to the right of the bluetooth icon (fig. c). Press the MFB button to turn on wireless streaming. BLUETOOTH OFF will change to BLUETOOTH ON. The C will turn purple and begin to flash (fig. d). Once paired the C will stop flashing.
4. Turn on the bluetooth feature on your wireless streaming device and ensure that it is discoverable (fig. e). Look for "PLX12" on the list of available devices and select it (fig. f).
5. The unit will remember the last paired device and, if the device is nearby, it will connect to it automatically. Unpairing and disconnecting from Bluetooth can be done via your device or the PLX12 unit. To disconnect via the unit go to the Bluetooth menu screen and select CONTROL PAIRING (fig. g). The unit will enter pairing mode and the purple C will begin to flash.
6. Volume is controlled via the Channel 1 BT/AUX/MIC/LINE volume control knob and your BT device. This volume control will **not** sync with your wireless streaming device's volume control so they **must be set independently**. All other functions, such as playback and track selection, are controlled via your wireless streaming device.

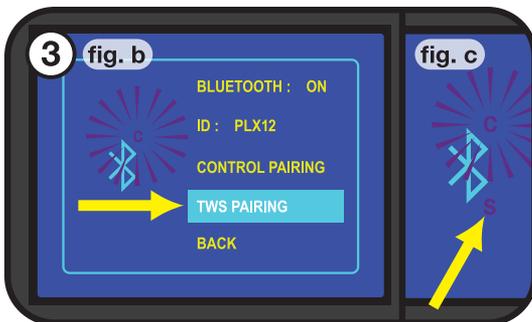
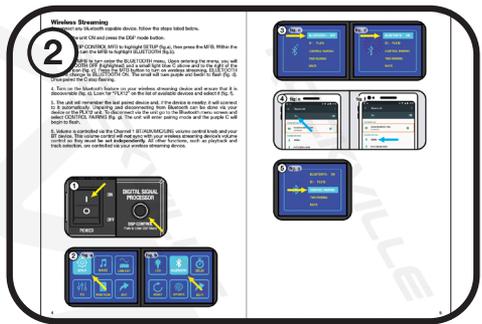
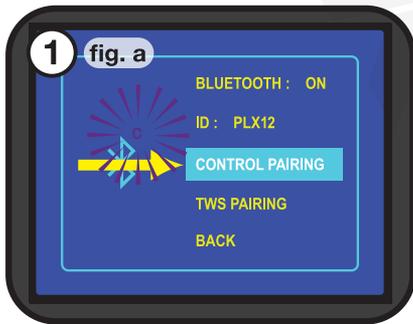


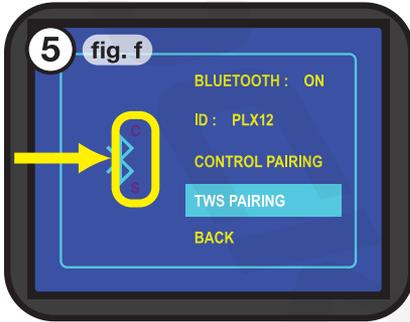
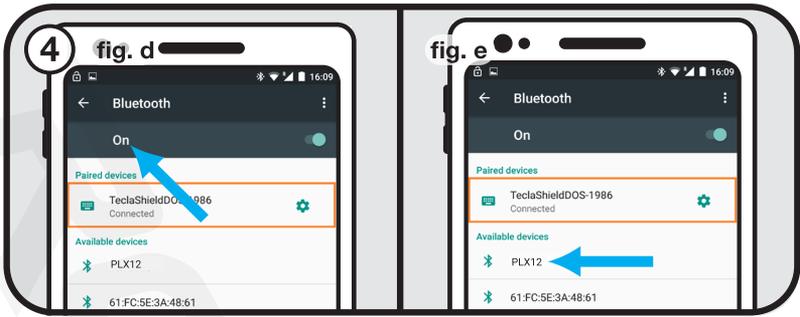


# Wireless Speaker Linking

The PLX12 features true wireless stereo linking. This means you can purchase 2 of these speakers and link them together to play in stereo wirelessly.

1. Select CONTROL PAIRING from the Bluetooth menu screen. The unit will unpair from any paired devices and the purple C will begin to flash indicating that the unit is in pairing mode (fig. a). Do not pair to any device yet.
2. Turn on the second unit and follow steps 1 - 3 from the Wireless Streaming instructions on page 4. Do not pair any device yet.
3. Scroll down to TWS PAIRING on either one of the units and select it (fig. b). Once the speakers are connected an S will appear underneath and to the right of the Bluetooth logo on both units (fig. c).
4. Turn on the bluetooth feature on your wireless streaming device and ensure that it is discoverable (fig. d). Select "PLX12" from the list of available devices (fig. e). Your device will connect to the unit that initiated TWS pairing.
5. Upon successful pairing, the purple C on both units will stop flashing. Both will show a purple C and an S to the right of the Bluetooth logo (fig. f). Volume is controlled via the Channel 1 BT/AUX/MIC/LINE volume control knob. Each unit's controls **must be set independently**. These volume controls will **not** sync with your wireless streaming device's volume control so you **must adjust it independently**. All other functions, such as playback and track selection, are controlled via your wireless streaming device.



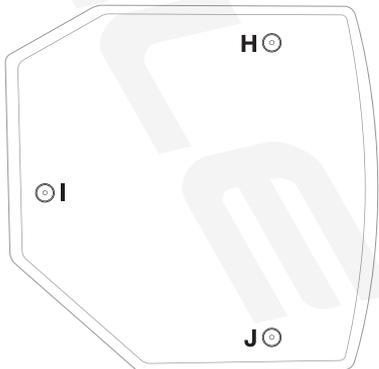
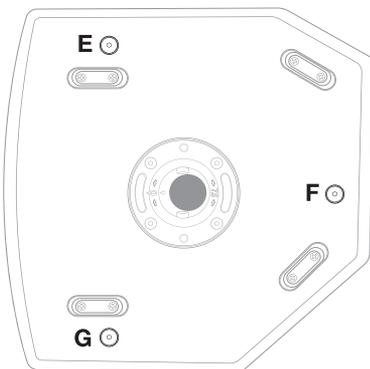
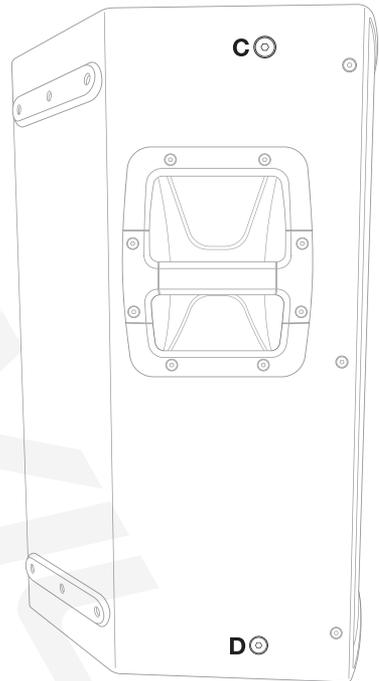
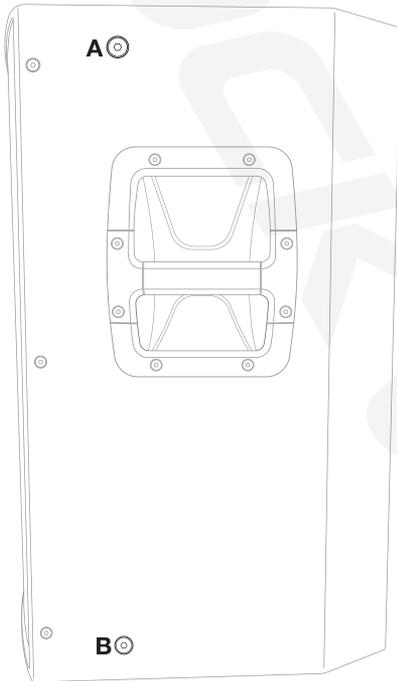


## Rigging Instructions

The PLX12 is equipped with 12 (See diagrams below, A–L) integrated M8 1MM pitch attachment points, designed for secure rigging of the speaker in permanent installations.

Attach rigging hardware that is appropriately rated for the speaker's weight and application. Before lifting or suspending the speaker, double-check all hardware connection points to ensure they are fully secure. Attach secondary safety wire as a redundant fail-safe in the event of primary suspension failure

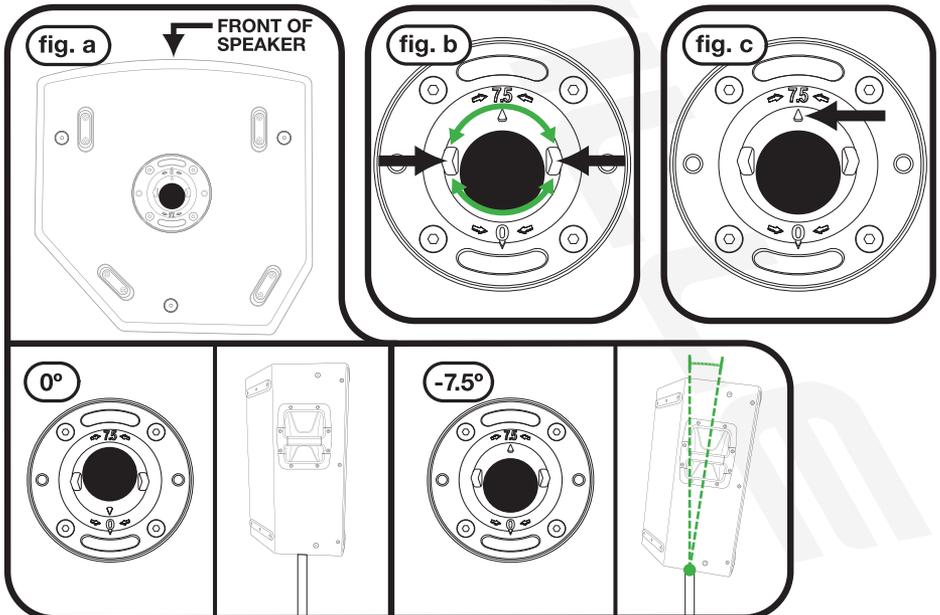
**WARNING:** Rigging loudspeakers for a flown arrangement presents a risk of severe injury or death if not done properly. **Rockville assumes no responsibility for improper installations and/or use of non-certified rigging equipment.** For further assistance or professional recommendations, contact an authorized installer or reach out to our support team.

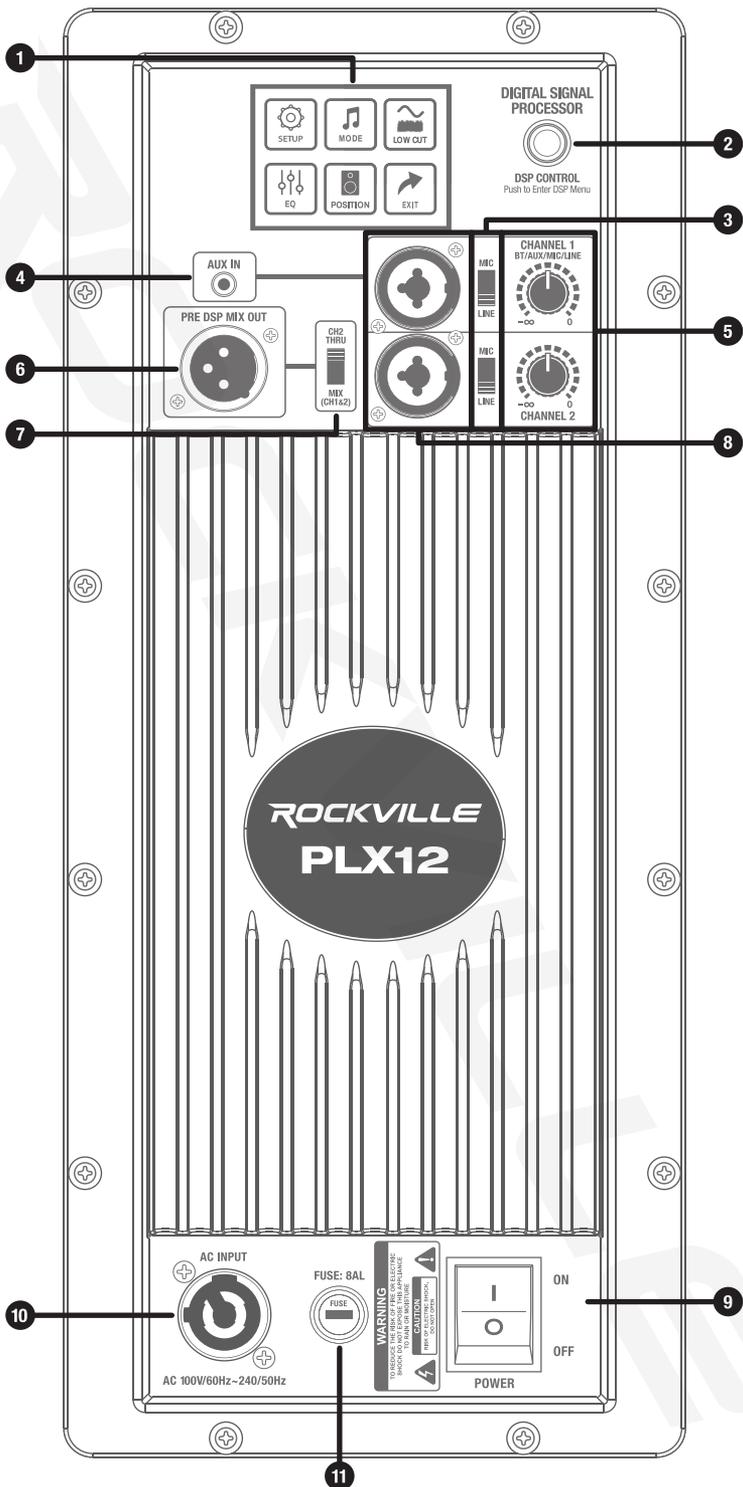




## Rotatable Pole Mount

The PLX12 features a rotatable pole mount that allows you to adjust the speaker angle by up to  $-7.5^\circ$  (see fig. a). To change the angle, grasp the two plastic tabs (fig. b) and rotate the mechanism in either direction until it clicks into place. An arrow indicator shows the detent position for precise alignment (fig. c).





# Functions

## 1. LCD Screen

**2. Volume Control/DSP Control:** this is a multifunction button that acts a volume control when turned and DSP menu control when pressed. See page 4 for detailed instructions on using the DSP.

**3. Line/Mic Switch:** this switch corresponds to the Mic/Line inputs. When connecting a microphone, make sure that the specific Line/Mic button is in the “up” position. When connecting a line level device, make sure that the specific button is in the “down” position.

## 4. 3.5mm Aux In

**5. CHANNEL 1/CHANNEL 2 Input Level Controls:** used to control the volume of the Mic/Line inputs. Channel 1 also controls the BT and AUX input volume.

**6. Pre DSP Mix Out:** allows you to connect to external speakers, amplifiers, or subs

**7. Output Select Switch:** In the CH2 THRU position, a stereo signal connected to the CHANNEL 1 and CHANNEL 2 inputs of the main speaker (in a two speaker setup) is divided between the speakers. The left channel (CH1) is played through the main speaker (receiving the stereo input), while the right channel (CH2) is routed to the second speaker via the PRE DSP MIXOUT XLR output, maintaining true stereo imaging. In the Mix 1+2 position the XLR jack carries the mix of both inputs to another device.

**8. Combo XLR & 1/4" ports:** accept XLR type connectors and balanced/unbalanced 1/4" TRS/TS plugs. When you use an unbalanced 1/4" TS plug, the line input automatically turns the ring into ground.

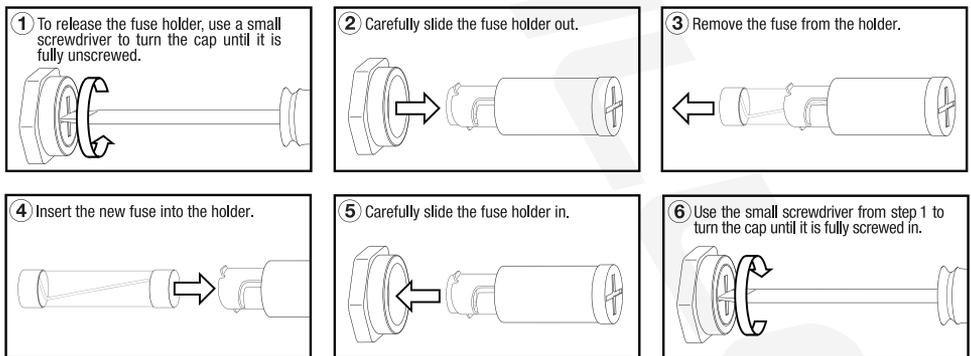
## 9. Power switch

## 10. PowerCon AC input

## 11. Fuse compartment

# Replacing the Fuse

Be sure to replace the blown fuse with one of the same type. Please note, though your specific fuse holder may differ from the one in the illustrations, the basic procedure is the same.



## Specifications

- 750-Watt True RMS/1500 Watts Program Power/3000 Watts Peak
- High-power long-throw 12" woofer with a 2.5" voice coil and a 60oz magnet
- Frequency Response: 36Hz – 20.8kHz (-10dB), 38Hz – 18kHz (-6dB), 41Hz – 16.5kHz (-3dB)
- Maximum SPL @1w/1m: 127dB peak/97dB continuous
- Mounting Options: Dual-angle 35mm pole mountable, Flyable (12 fly points), and wedge monitor option (for stage monitoring)
- Crossover Point: 1.5kHz
- Amplifier: Class D, high-efficiency design
- Power Supply: 110V/220V
- Weight: 51.81lb
- Dimensions (W x D x H): 17.91" x 17.55" x 27.76"
- Enclosure Type: 15mm plywood bass reflex enclosure

## DSP Display Controls

- 3-band user-adjustable EQ with modes (Flat, Music, Club, Live, Speech) for tailored sound
- Speaker delay control and high-pass settings for subwoofer crossover
- Placement presets (PA stand-mounted, wall mount, floor monitor) for optimized performance
- Factory reset option for easy troubleshooting

## Inputs/Outputs

- (2) Mic/Line switchable combo XLR/TRS inputs
- (1) 3.5mm stereo AUX input
- Wireless Streaming with Wireless Speaker Linking and 60 foot range
- (1) XLR mix/link output for daisy-chaining

## Features

- Custom limiter maximizes volume while suppressing unwanted frequencies for clean sound
- Ergonomic side handles for easy transport and stand mounting
- 110V/220V auto-switching PowerCon power supply for global compatibility

## 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.</li><li>4. If people or equipment tend to step on 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 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. Be sure your microphone is on and plugged into the correct input.</li><li>3. Check the mic/line switch, ensure you've selected the correct source.</li><li>4. If sound is too low or too high, check the mic/line switch.</li><li>5. 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 channel or BT levels settings are maxed out, turn down the appropriate one as you may be overdriving the unit.</li><li>7. Check volume and level settings on all input sources.</li></ol>
Buzzing sound	Make sure you are using a proper cable. For ¼" cables, there are 2 types: TS (unbalanced) and TRS (balanced). The PLX12 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 behind 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 XLR part of the Mic/Line ports.</li></ol>
Wireless streaming/Wireless speaker linking pairing fails	<ol style="list-style-type: none"><li>1. Check to see that both devices are turned on and that your Wireless streaming device is discoverable.</li><li>2. Make sure the PLX12 is in Bluetooth mode.</li><li>2. Turn both devices off and then on again.</li><li>3. Make sure that the Wireless streaming device is within 5 feet of the unit.</li><li>4. Move both devices away from other Wireless streaming devices, microwaves, wireless routers, and other electronics.</li><li>5. Make sure that the unit is not paired to a previously paired device or to another speaker.</li></ol> <p><b>Please refer to pages 4 – 7 for wireless streaming and wireless</b></p>

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## FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Responsible party name: Rockville

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

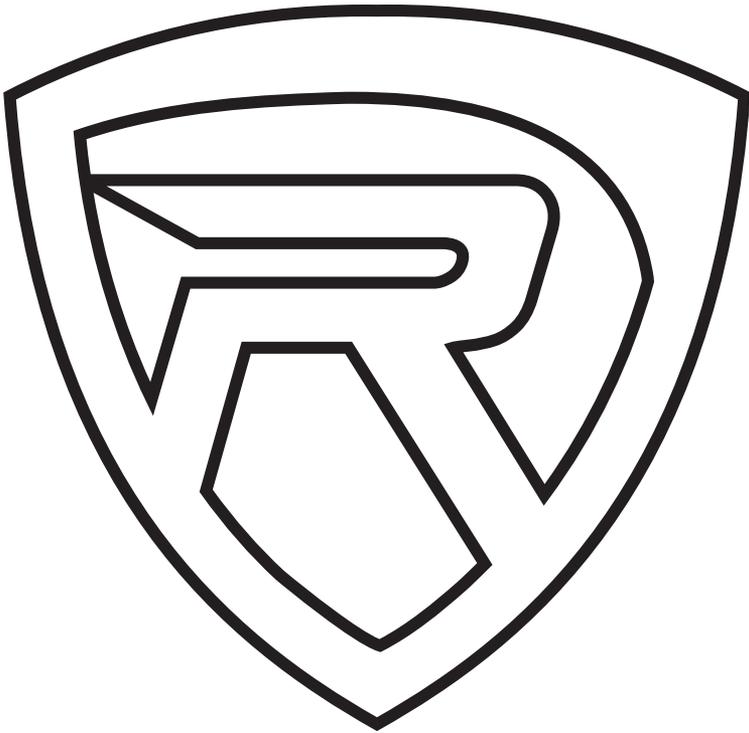
Hereby declares that the product(s) PLX12 pro audio speaker complies with FCC rules as mentioned in the following paragraph:

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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