

# ROCKVILLE

## RPM48S

2000W 4-CHANNEL POWERED MIXER/STEREO  
AMPLIFIER w/USB, BLUETOOTH, and EQ

### OWNER'S MANUAL

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



#### *Who reads manuals?*

Scan the **QR code** or go to **[rockvillesupport.com/SKU](http://rockvillesupport.com/SKU)** to access how-to video(s), assembly video(s), the owner's manual, and other important information you may need to get the most out of your item.

**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 RPM48S 4-Channel Powered Stereo Mixer with USB input and Bluetooth connectivity. Please read this owner's manual carefully for proper use of your Rockville RPM48S. Should you need assistance, please call our technical help line at 1-646-758-0144, 24 hours a day/7 days a week.

## Includes

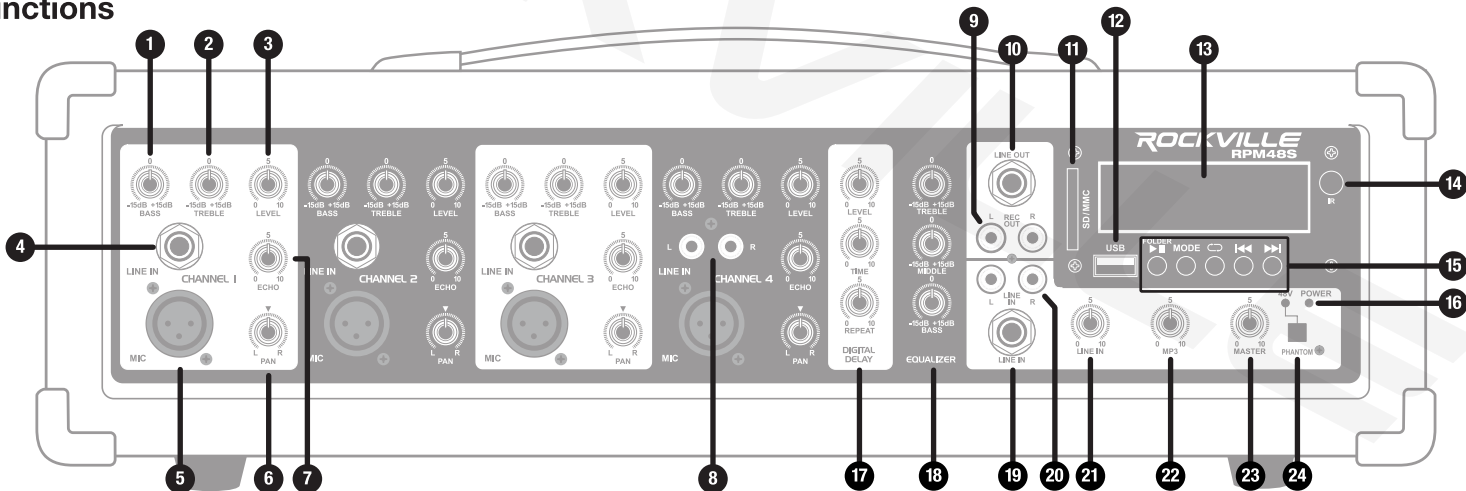
- Powered mixer
- Remote control
- Power cable
- Owner's manual
- Warranty card

## 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.
- 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.

## Functions



1. Channel Bass control:  $\pm 15$ dB
2. Channel Treble control:  $\pm 15$ dB
3. Channel Level control: Volume level should be lower than the master level. This control acts as a preamp. If you are using a device that has a volume output control, you will need to match levels by adjusting the level controls on each unit.
4. Line/High impedance  $\frac{1}{4}$ " TS input: This input may be used as either a high-impedance microphone input or for line-level devices such as a cassette player, CD player, video projector, or laptop. Will also allow connection from an electric guitar, bass, or keyboard. It is a two-conductor input with an impedance of 10K ohms.
5. Microphone/Low impedance XLR input: Connect balanced low impedance microphones with an input impedance of 1k ohms. **PIN 1 = shield, PIN 2 = positive (hot), PIN 3 = negative (cold)**

**⚠ WARNING: When using condenser microphones, make sure that Phantom power (48V) is switched on (see item 24).**

6. Channel Pan: Used to adjust left to right balance.
7. Channel Echo: Controls the amount of echo added to the input signals.
8. Channel 4 RCA Line In: Used to connect line level sources such as CD players, cassette decks, laptops, MP3 players, etc. Mono audio sources can be connected using an RCA "Y" cable connector.
9. RCA Record Out: Sends signal to a recording device or any other line level device.
10. Balanced  $\frac{1}{4}$ " TRS Line Out: Sends the music signal to another amplifier, a powered subwoofer, powered speakers, monitors, or any other external device.
11. SD card slot: Inserting an SD card will set the RPM48S to SD mode and it will automatically begin to play music.
12. USB port: Inserting a USB flash drive will set the RPM48S to USB mode and it will automatically begin to play music.
13. Display screen
14. IR remote receiver
15. MP3 player: **Play button:** Press during playback to pause. Press button again to resume play. In radio mode, press to scan and save all available stations. In USB/SD mode, used to access folders (see page 7).  
**Mode:** Use to switch between input modes (USB/SD, BT, Radio).  
**Repeat button:** Press once to repeat the entire folder. Press twice for random mode. Press three times to repeat all tracks. Press four times to repeat one track.  
**Previous button:** Press to go to the previous track (USB, SD, and BT) or station (radio).  
**Next button:** Press to go to the next track (USB, SD, and BT) or station (radio).

## Functions (continued)

16. Power indicator LED

17. Digital delay effect (echo) controls: **Level:** Adjusts the mix level of the effect.

**Time:** Controls the time interval of the delay.

**Repeat:** Controls the rate of the delay

18. 3-band equalizer: Adjusts treble, mid, and bass frequencies  $\pm 15\text{dB}$

19. Balanced  $\frac{1}{4}$ " TRS Line In: Used to connect line level sources: mixing consoles, samplers, CD players, cassette decks, DAT machines, and other audio interfaces.

20. RCA Line In: Used to connect line level sources: DJ controller, mixer, samplers, CD players, cassette decks, DAT machines, MP3 players, etc. Mono audio sources can be connected using an RCA "Y" cable connector.

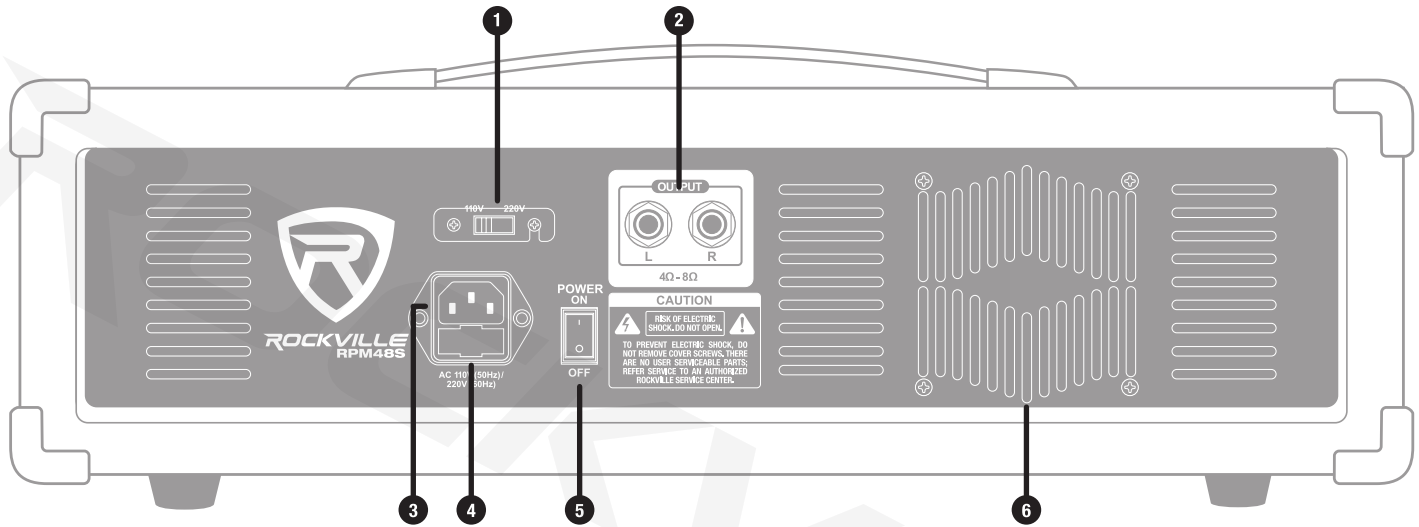
21. Line In volume control

22. MP3 volume control

23. Master volume control

24. Phantom power ON/OFF (Red LED indicates power on): When activated, phantom power provides 48 volts DC to power condenser mics.

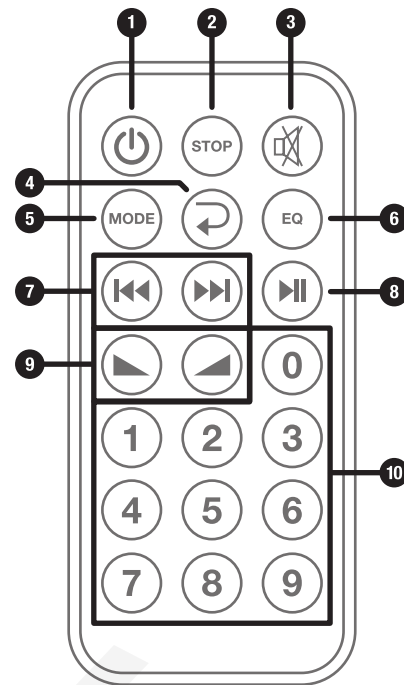
**Please note:** Do not plug or unplug devices and mics while phantom power is on. It can cause severe damage to the mic. When phantom power is turned off, it is recommended you wait approximately 7 seconds to allow time for the voltage to completely die out.



1. Variable voltage selector switch (110V/220V)
2. L/R Speaker outputs: 1/4" TS jacks accept 4 and 8-ohm speakers. **WARNING: Do not operate below rated minimum impedance.**
3. IEC AC power socket
4. User-serviceable fuse
5. Power switch
6. Cooling fan

## Functions (continued)

1. Power
2. Stop: Press to stop audio playback.
3. Mute: Press to silence audio output.
4. Repeat: Press once to repeat the entire folder. Press twice for random mode. Press three times to repeat all tracks. Press four times to repeat one track.
5. Mode: Use to switch between input modes (USB/SD, BT, Radio)
6. EQ: Press to cycle through preset EQs (Pop, Rock, Jazz, Classic, Country, Normal)
7. Previous/Next: Press **⏮** to go to the previous track in USB, SD, and BT mode. In radio mode, press to go to the previous saved station. Press **⏭** to go to the next track in USB, SD, and BT mode. In radio mode, press to go to the next saved station.
8. Play/Pause: Press during USB, SD, and BT playback to pause. Press button again to resume play. Press and hold in radio mode to scan and auto-save all available stations.
9. Volume up/Volume down: Press **⏮** to lower the volume, and press **⏭** to raise the volume.
10. Number pad: Use the number pad to directly select tracks in USB, SD, and Bluetooth mode.



## Operation

### Bluetooth Pairing and Operation

1. Press the MODE button on the unit, or the remote, until you see BLUETOOTH on the display.
2. Ensure that your device is in Bluetooth mode and discoverable.
3. Find “RPM48S” on your device’s list of available Bluetooth connections and select it.
4. Once successfully paired, the RPM48S’s LCD display will show “BLUETOOTH CONNECTED.”
5. You can control playback from your device, the MP3 control panel, or the remote.

### Media Playback Sources

The RPM48S will accept various media playback devices:

- To connect a turntable or CD player, use the CHANNEL 4 RCA inputs.
- To connect an MP3 player or smartphone, use the ¼” Line In jack or the RCA Line In inputs

# Operation

## USB/SD Operation

Inserting a USB flash drive or an SD card into the corresponding port/slot will set the RPM48S to USB/SD mode and it will automatically begin to play music. USB/SD playback will override Bluetooth playback.

## Music Playback (USB/SD and Bluetooth)

**Play button:** Press to play/pause current track.

**Next button:** Press to go to the next track.

**Previous button:** Press to go to the previous track.

## FM Radio

**Play button:** Press the play/pause button to scan and save all available stations.

**Next button:** Press to go to the next station.

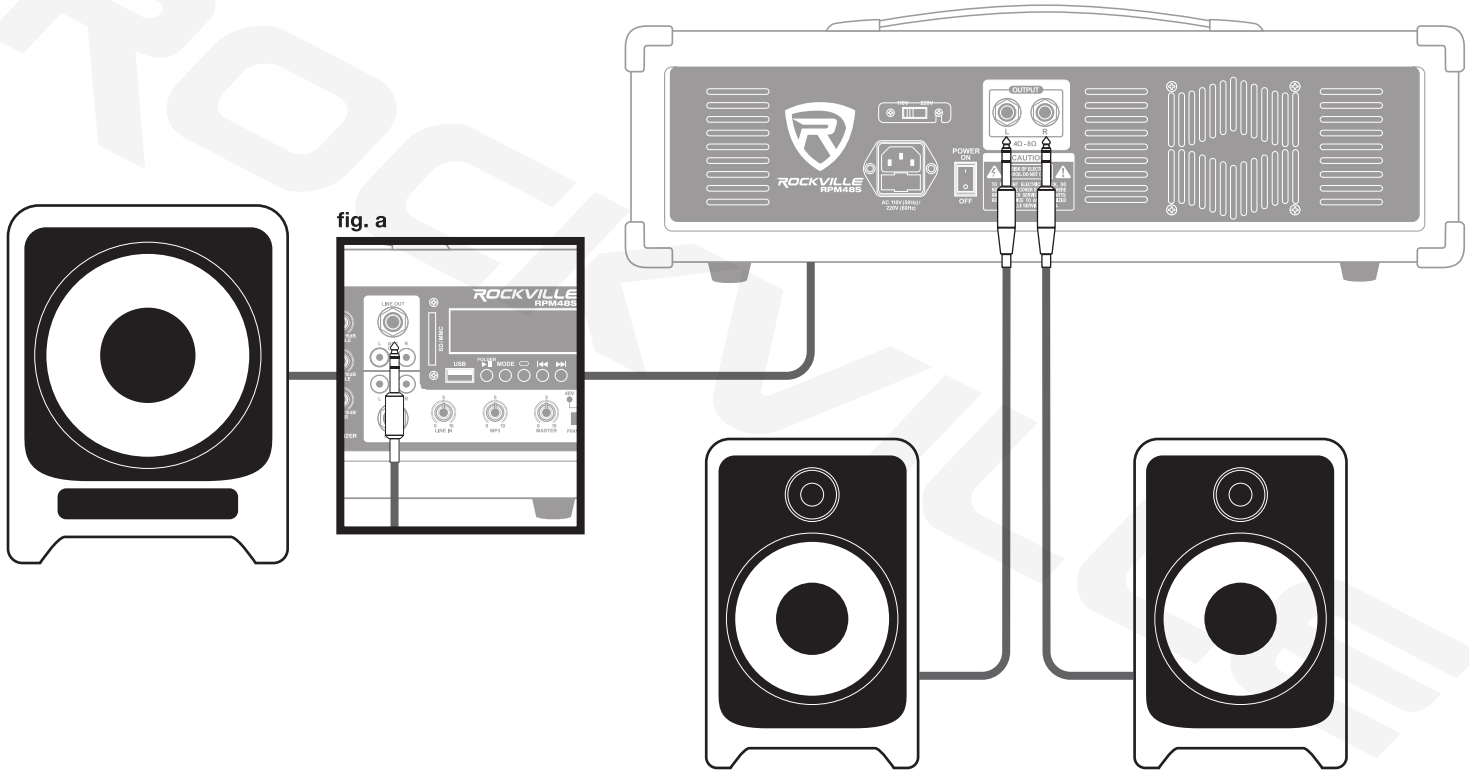
**Previous button:** Press to go to the previous station.

## Folder Selection (USB/SD only)

1. Press and hold the play/pause button to enter the folder interface menu.
2. Use the Previous/Next buttons to select the desired folder. Folder name will appear at the bottom right of the screen, and track number will appear at the top left. Track name and duration will appear on the right.
3. Press the Play/Pause button to start or stop the current track.

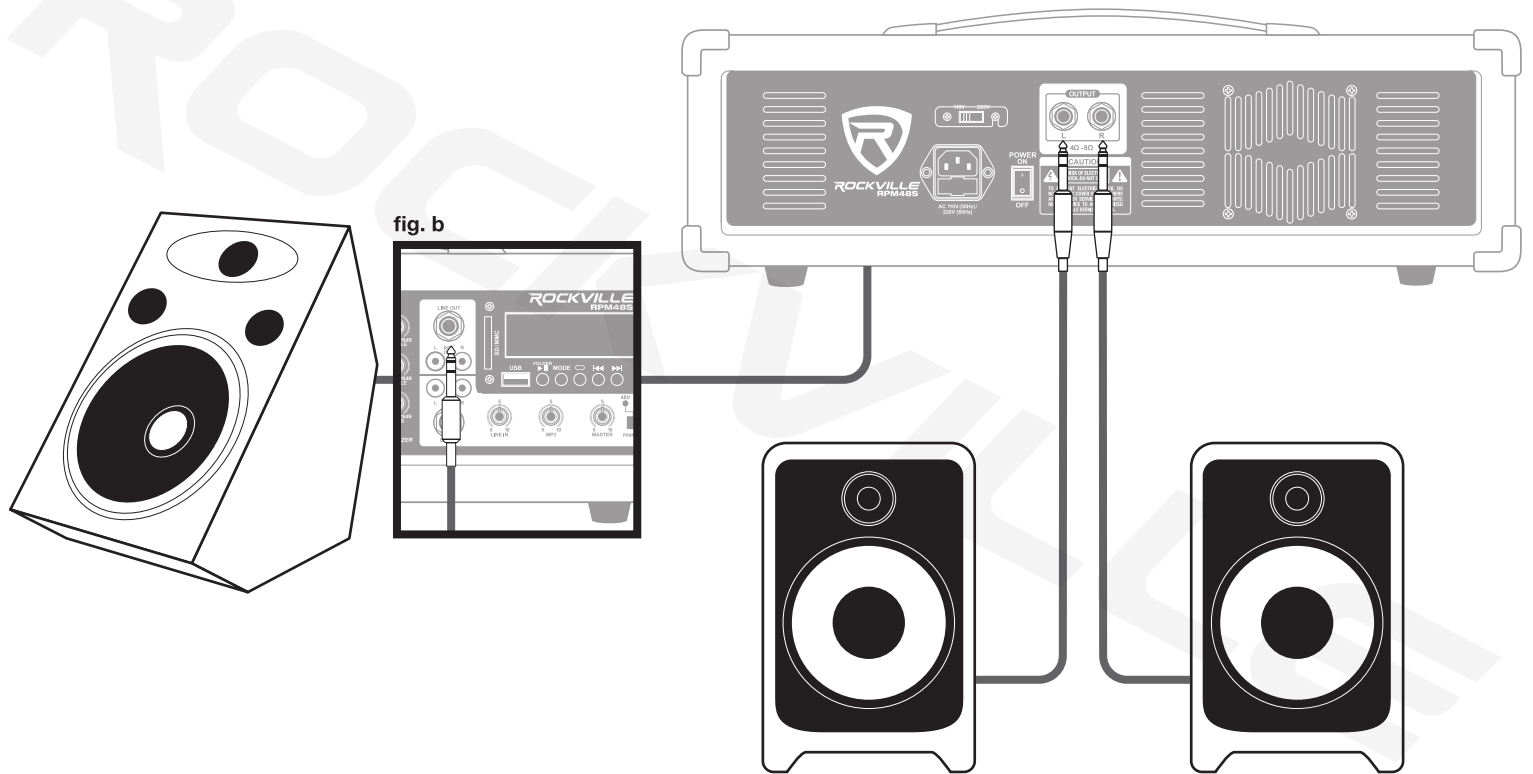
## Setup

In this setup there is a powered subwoofer connected to the 1/4" Line Out jack on the front of the unit (fig. a) and two 8-ohm speakers connected to the 1/4" 4 Ohm L/R Outputs on the back of the unit.



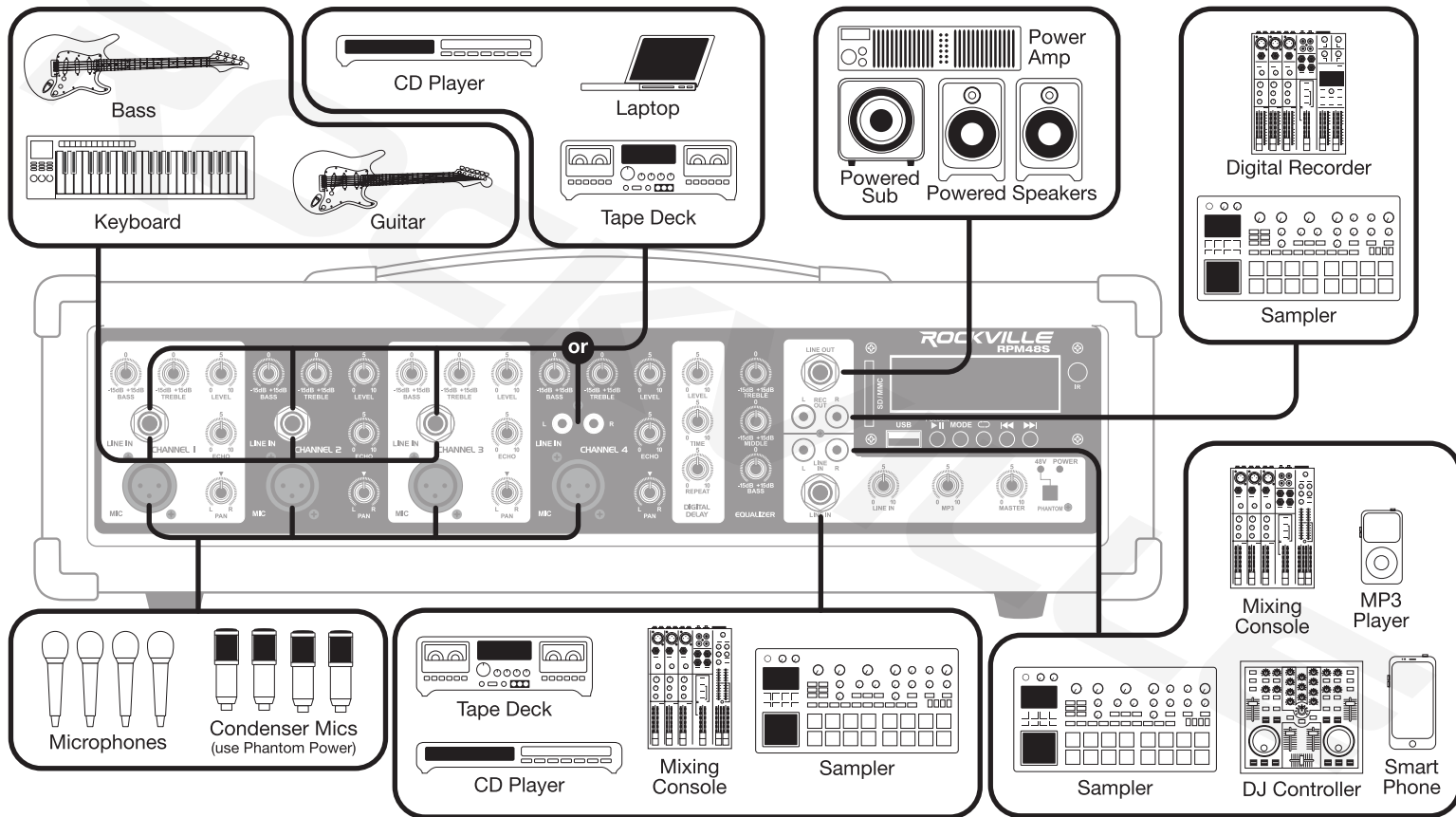


In this setup there is a powered stage monitor connected to the 1/4" Line Out jack on the front of the unit (fig. b) and two 4-ohm speakers connected to the 1/4" 4 Ohm L/R Outputs on the back of the unit.



Once your speakers are hooked up, there are a variety of ways to use the RPM48S's many inputs and outputs.

**Please note:** The line level consumer devices connected to Channels 1–3 can also be connected to Channel 4, but will require an RCA to 1/4" cable.



## Features/Specifications

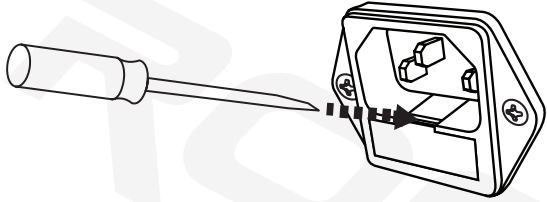
- RMS Power Stereo Output:  
175W x 2 @ 8 Ohm  
250W x 2 @ 4 Ohm
- Program Power Output:  
350w x 2 @ 8 Ohm  
500W x 2 @ 4 Ohm
- Peak Power Output:  
700W x 2 @ 8 Ohm  
1000W x 2 @ 4 Ohm
- Built-in Bluetooth with long range and great sound quality
- FM radio
- Individual volume, echo, bass, and treble controls
- Adjustable echo and delay effects
- 3-Band Equalizer (treble, mid, bass)
- USB and SD inputs
- MP3 volume control
- Line In volume control
- Master volume control
- A pan knob on each channel for balancing left and right output
- 4 balanced XLR inputs
- 4 ¼" TS inputs
- 1 RCA Line input
- 1 ¼" line input
- ¼" line output for adding a subwoofer or more amplifiers  
or powered speakers
- 1 RCA Rec output
- L/R Speaker outputs: ¼" TS (4 or 8 ohm per channel)
- +48V Phantom power
- Fan Vent Cooling System
- 110/220 Variable voltage
- Dimensions: 18.9" x 8.9" x 6.3"
- Weight: 19.8 Lbs.

## Troubleshooting

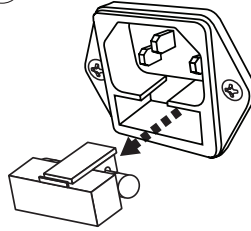
PROBLEM	SOLUTION
No power	<ol style="list-style-type: none"><li>1. Make sure the unit is plugged in and the power switch is in the ON position.</li><li>2. Check that the power cable is plugged in tightly to the unit.</li><li>3. Check and replace the fuse if necessary. See fuse replacement diagram on the next page.</li></ol>
No sound	<ol style="list-style-type: none"><li>1. Check that all appropriate cables are plugged in correctly.</li><li>2. Check the Master volume settings.</li><li>3. Check the individual level control of each channel as well as the MP3 volume control and Line level volume controls.</li><li>4. Be sure your microphone(s) is on.</li></ol>
Noise	<ol style="list-style-type: none"><li>1. Turn down the channel levels one by one. If you don't hear the sound, then the problem is either with the channel or whatever device is plugged into it.</li><li>2. Unplug the device(s) to see if the sound disappears.</li><li>3. Make sure you are using the proper cables. For ¼" cables, there are 3 types: instrument, TS (unbalanced), and TRS (balanced). Check the requirements of the connected gear and make sure you are using the appropriate cable.</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). Check the requirements of the connected gear and make sure you are using the appropriate cable.
Bluetooth pairing fails/no sound	<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 on the RPM48S.</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 connected to a previously paired device.</li><li>7. Make sure that all volume controls are set properly: MP3 volume control, the Master volume control, and the paired device's volume controls.</li></ol>
No USB/SD playback	<ol style="list-style-type: none"><li>1. Make sure your SD card or USB flash drive is not damaged.</li><li>2. Check that the files on the media device are not corrupt.</li><li>3. Make sure that the files are properly formatted (WAV, MP3, WMA).</li></ol>

## Fuse Replacement

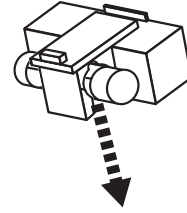
① Use a screwdriver to release the fuse holder.



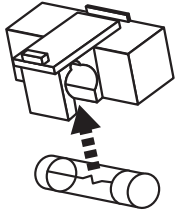
② Remove the fuse holder.



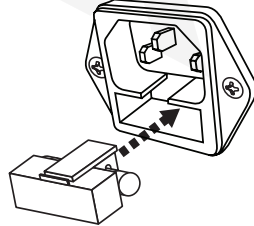
③ Remove the fuse.



④ Replace the fuse.



⑤ Reinsert the fuse holder.



שולחן ערוך אורח חיים

## FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Responsible party name: Rockville

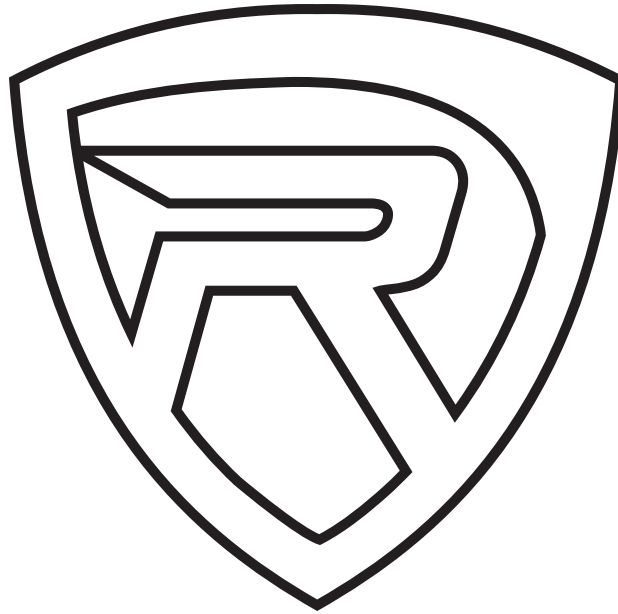
Address: 600 Bayview Ave,  
Entrance A,  
Inwood, NY 11096

Hereby declares that the product Rockville RPM48S 4-channel mixer 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.



**RockvilleAudio.com**

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