ROCKVILLE

RPM47

1800W POWERED 5-CHANNEL MIXER/AMPLIFIER w/BLUETOOTH and USB INTERFACE

OWNER'S MANUAL

ATTENTION: WATCH THIS VIDEO BEFORE FIRST USE!

Who reads manuals?

Scan the **QR code** or go to **rockvillesupport.com/rpm47** to access how-to 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.

ROCKVILLE

Thank you for purchasing this Rockville RPM47 5 Channel Powered Mixer with USB input and Bluetooth connectivity. Please read this owner's manual carefully for proper use of your RPM47. Should you need assistance, please call our technical help line at 1-646-758-0144, 24 hours a day/7 days a week.

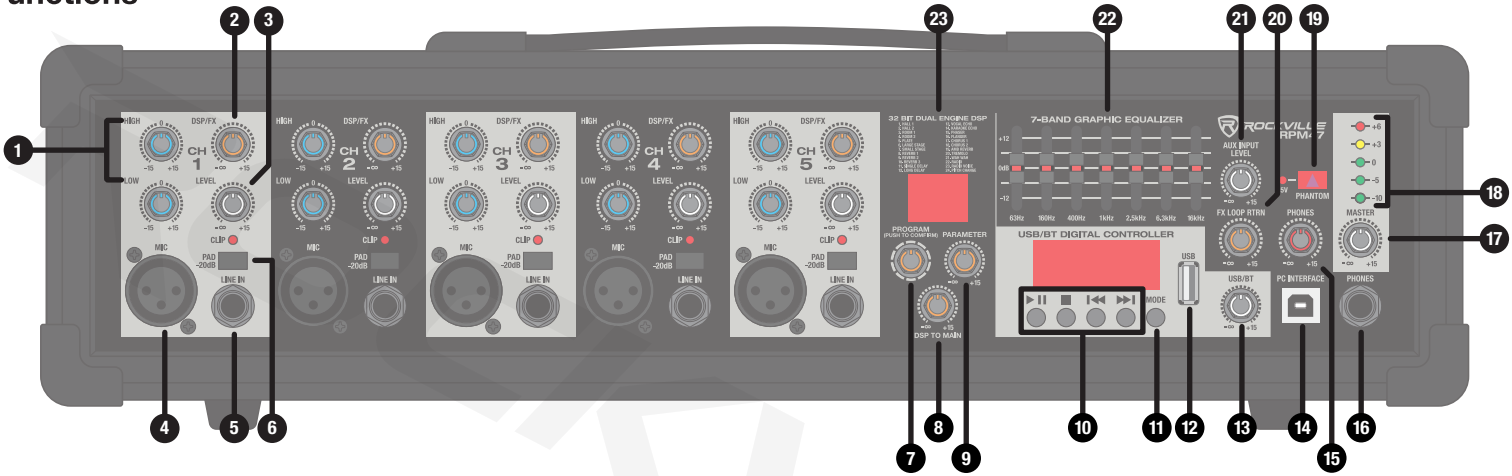
Includes

- Powered mixer w/Bluetooth
- 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

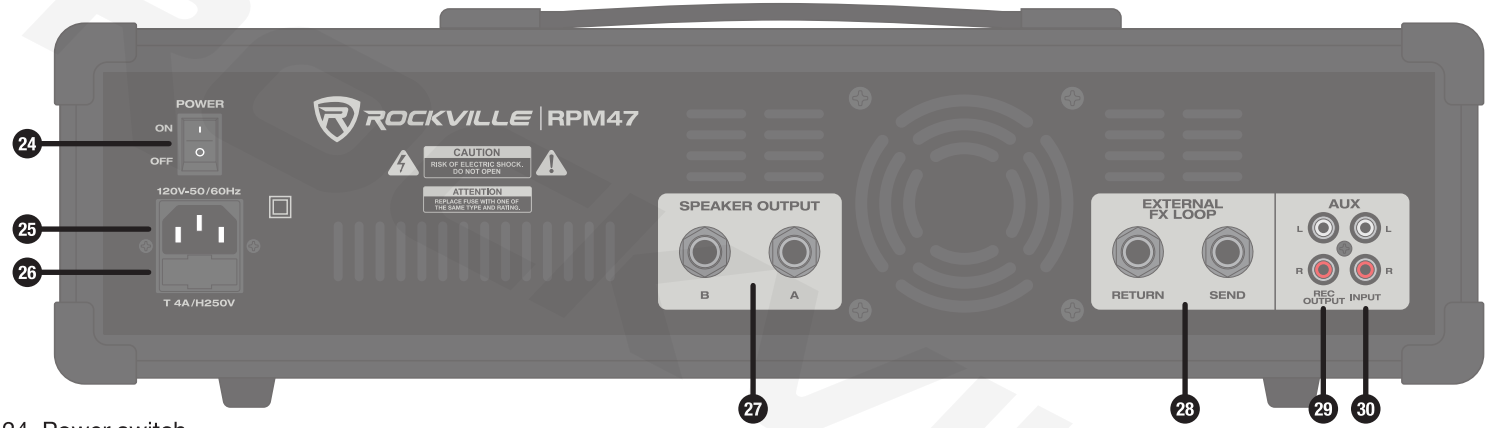


1. Input Equalizer control: 2-band equalizer that adjusts high and low frequencies.
   High: 12kHz ±15dB
   Bass: 80Hz ±15dB
2. DSP/FX control: controls the amount of signal sent to the built in DSP effects and the EXTERNAL FX LOOP SEND.
3. Level control: controls the volume and adjusts the output level per channel.
4. 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 (15V) is switched on (see item 19).**
5. Line/High impedance ¼˝ balanced (TRS) inputs: 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.
6. Pad Button: Attenuates the input signal by -20dB. Should be used if the incoming input signal is too hot.

7. PROGRAM: this control allows you to select any one of the 24 preprogrammed digital effects. These effects are designed to be added to dry signals. Rotate to scroll through the effects, push to confirm your selection.
8. DSP TO MAIN: controls the level/amount of the overall effect being sent from ch 1-5 together that gets blended on the main channel signal.
9. PARAMETER: controls the effectiveness of the digital effects monitoring channel.
10. USB/BT DIGITAL CONTROLLER:
    Play button: Press during playback to pause, press button again to resume play.
    Stop (USB only): Stop playback
    Previous button (USB and BT): Press to go to the previous track. Press and hold to raise the module's volume.
    Next button (USB and BT): Press to go to the next track. Press and hold to lower the module's volume.
11. MODE: Push to switch between modes (USB/Bluetooth)
12. USB input. **Please note:** The RPM47 will not recognize USB drives formatted in the NTFS format; only FAT or FAT32 format.
13. USB/BT DIGITAL CONTROLLER level control
14. PC INTERFACE USB port: Use this type B USB port to send audio data between the mixer and a computer or tablet device.
15. PHONES Control: Headphone output level control.
16. PHONES: Connect headphones to this ¼″ TRS output to monitor the master signal.
17. MASTER: Master volume control
18. Output Level Indicator: This peak level meter is made up of 5 LEDs with 3 colors to indicate the different ranges of signal level. You want your average level to be at 0dB for optimal output and sound clarity.
19. Phantom Power ON/OFF button (red LED indicates power on): When activated, phantom power provides 15 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 so as to allow time for the voltage to completely dissipate.
20. FX LOOP RETURN control: This knob will allow you to adjust the incoming signal from the EXTERNAL FX LOOP RETURN ¼″ jack on the back of the unit. If you are using external gear, this will allow the adjustment of the signal being returned to blend in with you main mix.

Functions (continued)

21. AUX INPUT LEVEL control
22. 7-Band equalizer: Adjusts frequencies ±12dB.
23. 32-Bit Dual Engine DSP display: shows the current digital effect.



24. Power switch
25. IEC AC Power socket
26. User serviceable fuse
27. Speaker outputs: ¼˝ TS jacks accept 8 ohm speakers. **WARNING: Do not operate below rated minimum impedance.**
28. EXTERNAL FX LOOP RETURN/SEND: These 2-conductor ¼˝ line inputs allow you to connect a processor like a Gate or compressor or other signal processor to the main mix. You can send the signal from the SEND jack out to the input of the processor device and then send that signal from the output of the processor device back to the mixer via the RETURN jack. You can control the amount of signal sent per channel by the channel's individual DSP/FX knob. For the returns, you can adjust the incoming level with the FX LOOP RTRN knob.
29. REC OUTPUT: These stereo unbalanced RCA outputs allow you to record the main stereo mix onto a hard disk recorder or CD burner. The rec output is the stereo main mix, and it is not affected by the main mix fader. This output can also be used as an extra set of main outputs for feeding another zone.
30. AUX INPUT: These stereo unbalanced RCA inputs allow you to connect a CD player, MP3 player, or other line-level source.

Operation

Bluetooth Pairing and Operation

1. Press the MODE button until you see BT flashing on the display indicating that the unit is in pairing mode.
2. Ensure that your device is in Bluetooth mode and discoverable.
3. Find "ROCKVILLE" on your device's list of available Bluetooth connections and select it.
4. Once successfully paired, the RPM47's LCD display will show "BT".
5. You can control playback from your device or you can use the MP3 control panel.

USB Operation

Connecting a USB flash drive to the USB port will set the RPM47 to USB mode and it will automatically begin to play music. Please note, USB playback will override Bluetooth playback. You can switch back to Bluetooth by using the MODE button.

Music Playback (USB and Bluetooth)

Play button: Press during playback to pause, press button again to resume play.
Stop (USB only): Stop playback
Previous button (USB and BT): Press to go to the previous track. Press and hold to raise the module's volume.
Next button (USB and BT): Press to go to the next track. Press and hold to lower the module's volume.

Features/Specifications

- 5-Channel Wood Cabinet Powered Mixer with USB
- Individual Volume, Bass, Treble, and FX controls
- 24 DSP digital effect module with FX knob on each channel
- Bluetooth playback with 35 foot range
- USB Input to play thumb drives
- USB Interface for playback from your computer or to record your performance in your DAW
- 7 Band master equalizer
- USB/BT Volume control
- AUX volume control
- Master volume control
- FX Return level control

Features/Specifications (continued)

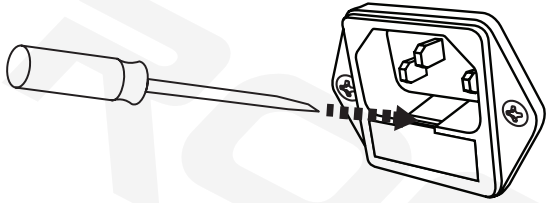
- Five balanced XLR inputs
- Five ¼″ TRS inputs
- One RCA L/R AUX input with volume control
- One RCA L/R Rec output
- Headphone output with volume control
- One ¼″ Effect send and return
- 8-ohm dual ¼″ speaker outputs
- +15V phantom power
- Fan Vent Cooling System
- 120V power supply
- Dimensions: 5.75″ x 19.44″ x 9.5″
- Weight: 18Lbs
- RMS Power Output:
  225w x 2 @ 8 Ohm (Parallel mono)
- Program Power Output:
  450w x 2 @ 8 Ohm (Parallel mono)
- Peak Power Output:
  900w x 2 @ 8 Ohm (Parallel mono)

Troubleshooting

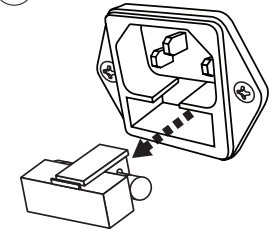
PROBLEM	SOLUTION
No power	1. Make sure the unit is plugged in and the power switch is in the ON position. 2. Check that the power cable is plugged in tightly to the unit. 3. Check and replace the fuse if necessary. See fuse replacement diagram on the next page.
No sound	1. Check that all appropriate cables are plugged in correctly. 2. Check the Master Volume settings. 3. Check the individual level control of each channel as well as the MP3 volume control and phantom power controls. 4. Be sure your microphone(s) is on.
Noise/Buzzing sound	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. 2. Unplug the device(s), to see if the sound disappears. 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. For speaker outputs, use unshielded cables.
Bluetooth pairing fails/no sound	1. Check to see that both devices are turned on and that your Bluetooth device is discoverable. 2. Turn both devices off and then on again. 3. Make sure you've selected the proper source on the RPM47. 4. Make sure that the Bluetooth device is within 5 feet of the unit when pairing. 5. Move both devices away from other Bluetooth devices, microwaves, wireless routers, and other electronics. 6. Make sure that the unit is not connected to a previously paired device. 7. Make sure that all volume controls are set properly: USB/BT level control, the Master volume control, and the paired device's volume controls.
No USB playback	1. Make sure your USB flash drive is not damaged. 2. Check that the files on the media device are not corrupt. 3. Make sure that the files are properly formatted (WAV, MP3, WMA). 4. Make sure it isn't paused or stopped.

Fuse Replacement

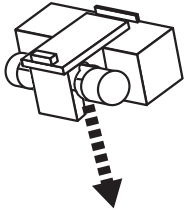
1 Use a screwdriver to release the fuse holder.



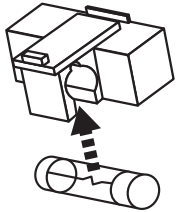
2 Remove the fuse holder.



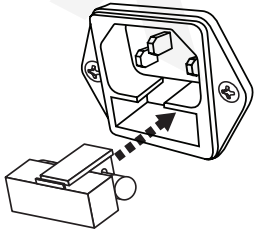
3 Remove the fuse.



4 Replace the fuse.



5 Re-insert the fuse holder.



FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Responsible party name: Rockville

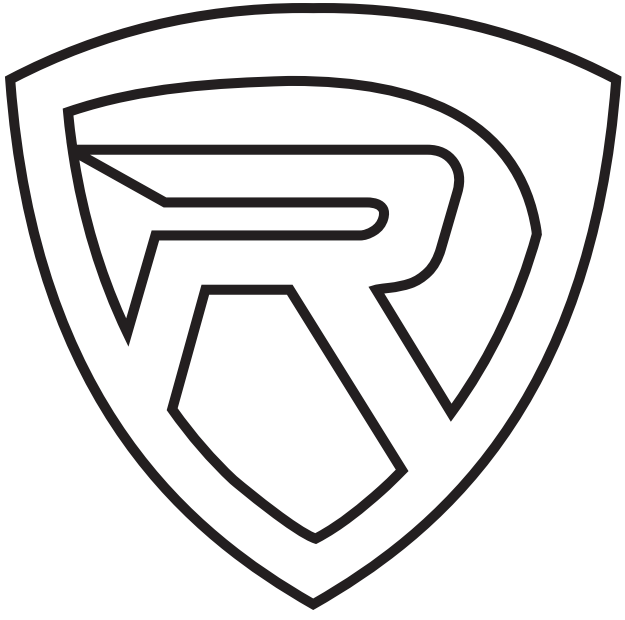
Address: 600 Bayview Ave,
Entrance A,
Inwood, NY 11096

Hereby declares that the product Rockville RPM47 5 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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