



OWNER'S MANUAL

RockMix 2

2-CHANNEL RECORDING MIXER w/USB INTERFACE

Who reads manuals?
Instead, go to the URLs or scan the QR codes
on the right to watch short videos, which show
you how to set this item up and how to use it.



vimeo.com/473992272



vimeo.com/437262298

Thank you for purchasing the Rockville RockMix 2 2-Channel Recording Mixer w/USB Interface. Please read the owner's manual carefully for proper use of your Rockville RockMix 2. Should you need assistance, please call our technical help line at 1-646-758-0144, Monday through Friday, 9am to 5pm EST.

Includes

- Mixer with USB recording interface
- USB cable
- USB Power adapter
- 4 Non-slip rubber pads
- User manual and warranty card

IMPORTANT SAFETY INSTRUCTIONS



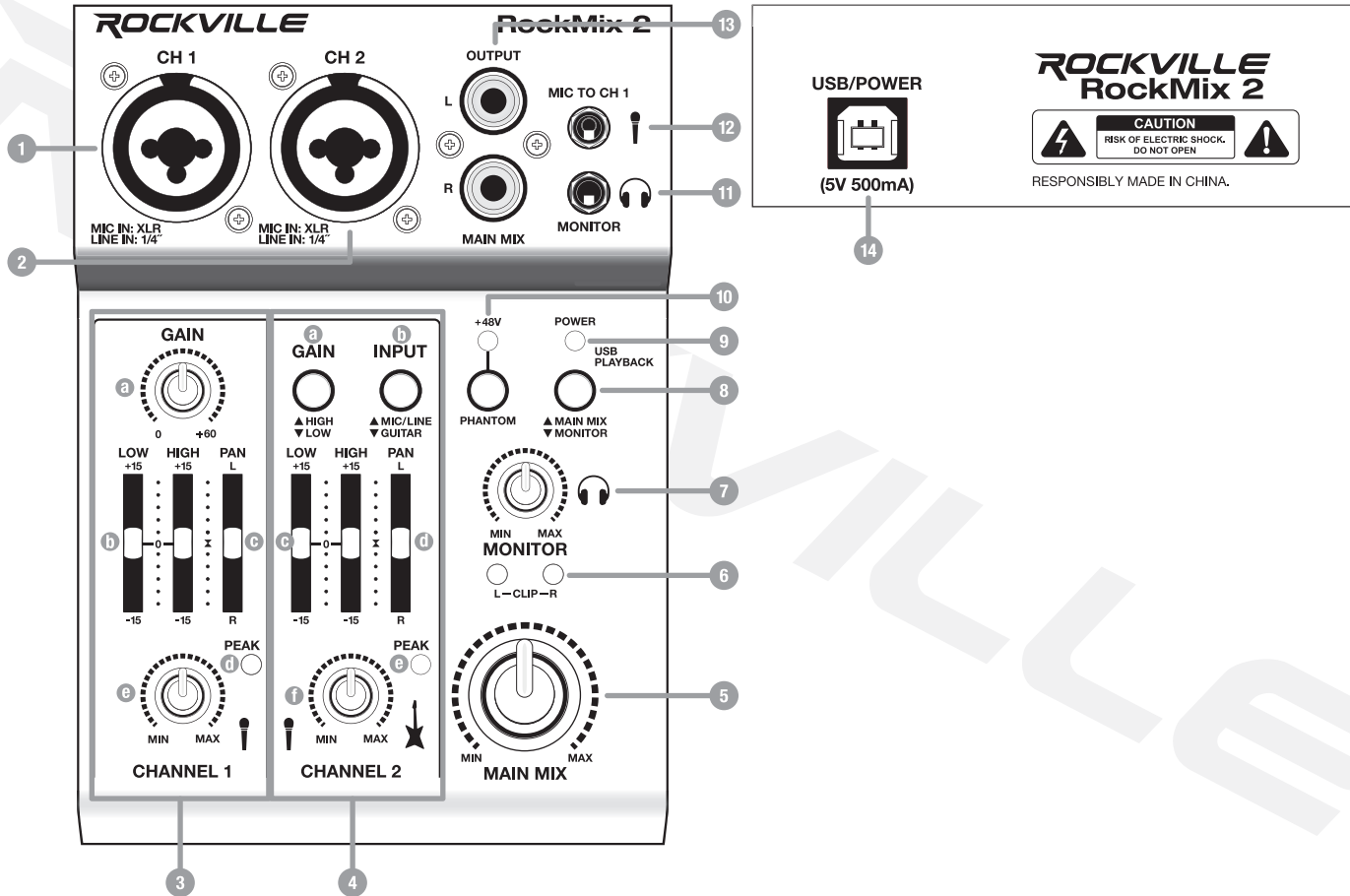
NO USER-SERVICEABLE PARTS INSIDE. WE RECOMMEND TAKING THE UNIT TO A QUALIFIED SERVICE TECHNICIAN FOR ANY REPAIRS.

Retain these safety and operating instructions for future reference. Heed all warnings printed here and on the equipment. Follow the operating instructions printed in this owner's manual.

- **Do not open:** There are no user-serviceable parts inside. Refer any service work to qualified technical personnel only.
- **Power sources:** Only connect the unit to mains power of the type described in this user guide or marked on the rear panel. The power source must provide a good ground connection.
- **Power cord:** Use the power cord with sealed mains plug appropriate for your local main supply as provided with the equipment. If the provided plug does not fit into your outlet, consult your service agent. Route the power cord so that it is not likely to be walked on, stretched, or pinched by items placed on or against it.
- **Grounding:** Do not defeat the grounding and polarization means of the power cord plug. Do not remove or tamper with the ground connection on the power cord.
- **Moisture:** 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.

- **Heat:** Do not locate the unit in a place close to excessive heat or direct sunlight, as this could be a fire hazard. Locate the unit away from any equipment that produces heat such as power supplies, power amplifiers, and heaters.
- **Environment:** 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.
- **Handling:** 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.
- **Servicing:** Switch off the equipment and unplug the power cord immediately if it is exposed to moisture or spilled liquid, the power cord or plug becomes damaged during a lightning storm, or if smoke odor or noise is noted. Refer servicing to qualified technical personnel only.
- **Installation:** Install the unit in accordance with the instructions printed in the user guide.

Functions



1. CH1 mic/line input: This XLR/¼" combo input accepts XLR-type connectors for mics and ¼" for line-level input.
2. CH2 mic/line input: This XLR/¼" combo input accepts XLR-type connectors for mics and ¼" for line-level input.
3. Channel 1:
 - a. Gain control: adjusts the input gain
 - b. High tone control: ±15dB
 - Low tone control: ±15dB
 - c. Pan control
 - d. Peak LED: indicates when clipping is occurring
 - e. Level control adjusts the output volume
4. Channel 2:
 - a. Gain low/hi: Adjusts gain based on the type of equipment connected to the channel. For line-level devices, use the LOW setting. For microphones, use the HIGH setting. Please note, turn level knob to minimum before toggling the GAIN switch on and off, otherwise, you may hear noise.
 - b. Input Impedance selector: This button sets the input impedance for CHANNEL 2. Press this button when an electric guitar or an electric bass with passive audio pick-up has been connected to the ¼" jack. Be sure to use an unbalanced cable.
 - c. High tone control: ±15dB
 - Low tone control: ±15dB
 - d. Pan control
 - e. Peak LED: indicates when clipping is occurring
 - f. Level control: adjusts the output volume
5. Main Mix: Used to set the level of the stereo output signal of the MAIN MIX RCA outputs
6. Left/Right Clip LEDs: indicate when the stereo output signal is clipping
7. Monitor control: adjusts the volume of the 3.5mm headphone MONITOR jack
8. USB Playback switch: assign signal to MAIN MIX or MONITOR
9. Power On LED Indicator: will be green when the unit is powered on
10. +48 Phantom and LED indicator: press this button to activate phantom power when using a condenser microphone. The LED indicator will light when phantom power is on.
11. Monitor 3.5mm output: connect headphones with a 3.5mm plug to monitor the sum signal

Functions (continued)

12. Mic to Channel 1: Allows you to connect a dynamic mic with a 3.5mm plug and routes the signal to CH1. Do not use the CHANNEL 1 mic input and the 3.5mm mic input at the same time.
13. Main Mix RCA stereo outputs: These jacks are used to send the main mix signal to an amplifier or speakers. It is also used to send the main mix signal to a recording device.
14. Type B USB Port: When connected to a computer, the computer supplies power to the mixer and audio data can be sent between the mixer and the computer.

Operation

Prior to connection/disconnection and prior to powering on, the output controls PHONES MONITOR and MAIN MIX should be turned all the way down.

Connect microphones and line-level devices to the balanced CH1 and CH2 XLR/¼" combo input jacks.

- Connect microphones to the balanced XLR jacks. When using a condenser microphone, be sure to activate the 48V phantom power feature by pressing the +48V PHANTOM button. Please ensure that the LED indicator above the button is on. Do not connect or disconnect a microphone while phantom power is engaged; it may damage the microphone. To prevent switching noise, only activate or deactivate the phantom power when the mixer is switched off or the output controls are set to 0.
- Do not use the CHANNEL 1 mic input and the 3.5mm mic input at the same time.
- Connect mono sources with a line-level signal to the unbalanced ¼" jacks. When connecting musical instruments of high-impedance, such as an electric guitar or electric bass, use the CH2 ¼" jack. Be sure to activate the instrument HI-Z function by pressing the impedance selector button.

The 3.5mm headphone jack accepts stereo headphones with an impedance ≥ 16 ohms.

Computer Operation

When operating the mixer with a computer, use either the audio software supplied with the operating system or third party audio software. Various programs for audio reproduction/recording are available on the internet free of charge.

1. Start the computer. Connect the RockMix 2's USB port to the computer's USB port using the included cable. This will turn on the mixer and the POWER LED indicator will light up green.
2. Depending on the operating system, the computer should recognize the USB interface of the mixer as an external device for audio input and audio output. The required drivers (standard operating system drivers) should be available on the computer.

Note: If the required drivers are not available on the computer, install them via the original CD of the operating system or download them online. If necessary, restart the computer after installation.

3. Open the reproduction/recording program and change the required settings for audio reproduction via the mixer or audio recording program (check the user manual of your program for information on how to change the audio settings). If it is not possible to record or reproduce any sound, be sure to activate the USB interface for audio input or audio output in the system settings of the computer.

Hint: If the mixer is connected to a computer and to any units grounded via their mains cables (e.g. amplifier), there may be a hum noise due to ground loops. To eliminate this noise, connect the mixer to the corresponding unit via a ground isolator.

Power Supply Operation:

PLEASE NOTE: Use a USB power source with an output of 5V/500mA.

1. Connect the mixer to the power source via the supplied USB cable.
2. The mixer will power on and the power indicator LED should be green.

General Settings:

- Set the GAIN, EQ, and PAN controls to the mid position. Turn all level controls to Min.
- When connecting a microphone to the XLR mic in or 3.5mm mic jack, speak into the microphone and turn up the CHANNEL level control until you obtain a good signal. If you need to turn it up completely but still haven't achieved a good signal, turn up the corresponding channel's GAIN control until you do. However, if the PEAK LED indicator lights up and does not turn off immediately, turn down the GAIN control until it turns off. The PEAK LED indicator must only briefly light up with level peaks.
- Use the PAN control to place the microphone signal on the stereo base. Adjust the sound with the high and low tone controls.
- Use the LEVEL controls to mix the input signals of CHANNELS 1 and 2 or to fade them in and out. When a channel is not being used, turn its LEVEL control to MIN.
- Use the MAIN MIX control to adjust the overall volume. However, if the output level of the mixer is too high for the connected output device, adjust the signal accordingly.
- Adjust the headphone volume with the MONITOR level control.

⚠ WARNING: Listening to music at high volume for extended periods of time is not recommended as it may damage your hearing. Over time, your ears will adapt to the volume level, so that a volume level that may not cause discomfort might still damage your hearing.

Features

- Switchable +48v phantom power on both channels for use with condenser microphones
- Channel 1 and Channel 2: XLR and ¼" TRS combo input jacks
- Channel 1: accepts mic or line-level input
- Channel 2: is mic/instrument level switchable allowing you to connect a mic, instrument, or any other line-level device
- Independent level controls for main and headphone/monitor outputs
- Integrated plug-and-play USB audio interface for MAC and PC
- USB interface will send the master output in stereo to your DAW so you can record and/or stream your mix
- Operates on USB BUS power
- Low power consumption means you can power the mixer from the USB of your laptop or by plugging it to an outlet or through a standard 5V powerbank
- Super mini 2-channel mixing console designed for home studio recordings or live broadcast streaming
- RCA (L&R) outputs allow you to send the master output to an amplifier, powered speakers, recording device, etc.
- 3.5mm headphone output
- Additional 3.5mm mic input allows you to connect an additional microphone in addition to the 2 main channels
- Each channel has a 2-band EQ to customize the sound
- Each channel has pan and level controls
- USB playback switch assigns the signal to the MAIN MIX or MONITOR
- Monitor/headphone level control knob
- Main mix level control knob
- No external drivers are needed for MAC or PC

Specifications

- Sensitivity/impedance:
 - CH1 & CH2 XLR: 2mV/1.8k ohm (gain max)
 - CH1 Jack: 10mV/12k ohm (line)
 - CH2 Jack: 30mV/20k ohm (line), 30mV/240k ohm (guitar)
- Output Level: 5.8V max (main, monitor)

- Frequency Range: 20Hz – 22kHz
- THD: $\leq 0.05\%$
- S/N Ratio: 80dB
- Equalizer:
 - Bass Range: $\pm 15\text{dB}/80\text{Hz}$
 - High Range: $\pm 15\text{dB}/12\text{kHz}$
- Headphone Impedance: ≥ 16 ohm
- USB Interface: USB1.1 compatible, 16-bit delta-sigma, 44.1kHz sampling rates, 48kHz max.
- Phantom Power: +48V
- Power Supply: USB 5V 500mA via USB port of the computer, via a USB power adaptor, or via a power bank
- Operating System: Windows 2000/XP or higher; MAC OS 9.0.4 or higher/OS X or higher
- Item Dimensions: 99.06 x 134.62 x 41.91mm/3.9" x 5.3" x 1.65"
- Item Weight: 430.91g/0.95lbs

Troubleshooting

NO POWER:

1. If you are using the computer's USB port for power, make sure the USB cable is properly plugged in.
2. If you are using a power adapter, make sure the USB cable is properly connected to the unit and to the wall socket.

NO SOUND:

1. Make sure the USB cable is properly plugged into the unit as well as the computer's USB port.
2. Make sure that all input cables (XLR, ¼", and 3.5mm) are properly connected.
3. Check the input GAINS, LEVELS, and MAIN MIX volume to make sure they are properly set.

NO SOUND – HEADPHONES:

1. Be sure your headphones are properly plugged in.
2. Check that the MONITOR control, the CH1/CH2 level controls, and the MAIN MIX volume control are all properly set.

MICROPHONE DOES NOT WORK:

1. Be sure your microphone is properly plugged into the correct port and that you are using the appropriate cable type.
2. Make sure the CH1 and CH2 GAIN controls are properly set.

LINE INPUT DISTORTION:

1. Turn down the input GAIN and LEVEL controls.
2. Check your EQ settings.

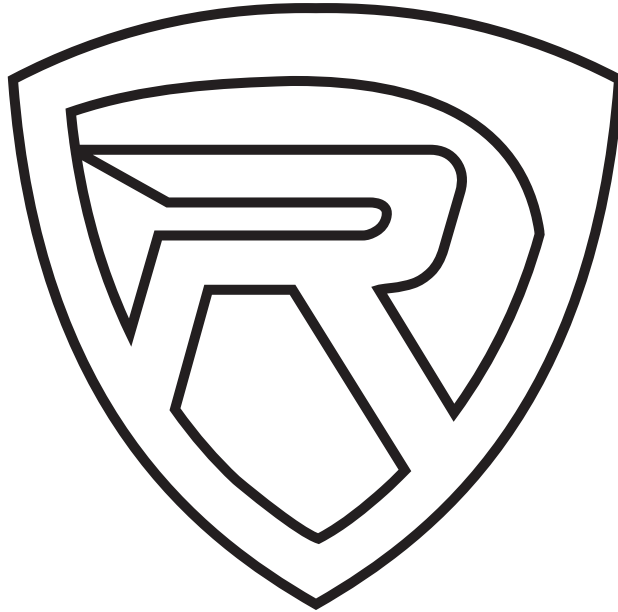
NOISE/HUM:

1. Make sure you are using good quality audio cables. We recommend Rockville Pro Audio cables.
2. Check the condition of your audio cables.
3. Keep cables away from other AC power cables as well as AC transformers.
4. Ensure that the unit is not too close to amplifiers, lighting power supplies, or ballasts.
5. Use a ground isolater.

FEEDBACK:

1. If a microphone is being used, make sure you are not too close to the speakers or headphones.

שם לילדנו



RockvilleAudio.com

© 2020 ROCKVILLE // Features and specifications are subject to change and/or improvement without notice.