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## Rockville ROCKMIX 10FX Bundle

# Rockville Rockmix 10FX Bundle Instruction Manual

10-Channel USB Recording Mixer with Effects and Bluetooth, RCM PRO Condenser Microphone, and PRO-M50 Studio Headphones

## INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Rockville Rockmix 10FX Bundle. This bundle includes the Rockmix 10FX 10-channel USB recording mixer, the RCM PRO condenser microphone, and the PRO-M50 studio headphones. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your experience.

## PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Rockville ROCKMIX 10FX 10-Channel Mixer with USB, Bluetooth, and 16 DSP Effects
- Rockville RCM PRO Studio/Recording Condenser Microphone with Samsung Capacitors
- Rockville PRO-M50 Studio Headphones with Detachable Coil Cable, Case + Extra Ear Pads
- Metal shock mount for RCM PRO microphone
- Windscreen/pop filter for RCM PRO microphone
- 10 ft XLR-XLR cable
- 3.5 mm-XLR cable
- DC 5V/1A power adapter for ROCKMIX 10FX
- Gold-plated 3.5 mm plug with 1/4" adapter for PRO-M50 headphones
- Hard leather carrying case for PRO-M50 headphones



Image: Overview of the Rockville Rockmix 10FX Bundle, showing the mixer, RCM PRO microphone, and PRO-M50 headphones with their accessories.

## SETUP

### 1. Rockville Rockmix 10FX Mixer Setup

Connect the DC 5V/1A power adapter to the mixer's power input and plug it into a power outlet. Ensure the power switch is in the OFF position before connecting other devices. The mixer features various input and output options:

- **Channels 1-4:** XLR/1/4" combo jacks for microphones or line-level instruments. These channels include 48V phantom power (switchable), 3-band EQ, pad, high-pass filter, FX send, and one-knob compressors on channels 1-2.
- **Channels 5-8:** Stereo 1/4" inputs for line-level devices.
- **Channels 9-10:** RCA inputs for devices like CD players or media players.
- **Main Mix Out:** XLR balanced and 1/4" unbalanced outputs to connect to studio monitors or PA systems.
- **Phones:** 1/4" stereo output for headphones.
- **USB:** Connects to a computer for 2-way audio interface functionality.



Image: Top panel of the Rockmix 10FX mixer, illustrating the layout of channels, EQ, effects, and main controls.



Image: Rear panel of the Rockmix 10FX mixer, showing the power input, USB port, and Bluetooth antenna connection.

## 2. RCM PRO Condenser Microphone Setup

The RCM PRO is a condenser microphone requiring 48V phantom power. Attach the microphone to the included metal shock mount, then secure the shock mount to a microphone stand (not included). Connect the RCM PRO to one of the XLR inputs (Channels 1-4) on the Rockmix 10FX mixer using the provided XLR-XLR cable. Ensure the 48V phantom power is activated on the mixer for the connected channel.



Image: The RCM PRO condenser microphone, shown with its shock mount, pop filter, and connecting cables.

## 3. PRO-M50 Studio Headphones Setup

Connect the detachable coiled OFC cable to the PRO-M50 headphones and plug the 3.5mm end into the mixer's PHONES output. Use the included 1/4" adapter if necessary. These headphones are designed for monitoring during recording and mixing.



Image: The PRO-M50 studio headphones, including the detachable cable, carrying case, and a set of extra ear pads.

## Setup Video Guide

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Video: "How To Set Up Your ROCKMIX 10FX (Updated)" - This video provides a comprehensive guide on setting up the Rockville Rockmix 10FX mixer and its components.

## OPERATING INSTRUCTIONS

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### 1. Mixer Controls Overview

The Rockmix 10FX features a range of controls for each channel and the master output:

- **GAIN:** Adjusts the input sensitivity for each channel.
- **PAD:** Reduces input signal by -25dB on channels 1-4.
- **HPF (High-Pass Filter):** Cuts low frequencies at 80Hz on channels 1-4.
- **COMPRESSOR (Channels 1-2):** One-knob compressor to control dynamics.
- **EQ (High, Mid, Low):** 3-band equalizer for channels 1-4, 2-band for channels 5-8.
- **FX:** Sends signal to the internal DSP effects processor.
- **PAN/BAL:** Adjusts the stereo position of the channel.
- **LEVEL:** Controls the output level of each channel to the main mix.
- **DSP EFFECTS:** Selects from 16 built-in effects (e.g., Reverb, Delay, Chorus).
- **BLUETOOTH:** Activates Bluetooth 5.0 for wireless audio streaming.
- **USB Playback:** Routes USB audio to channels 7-8.
- **Vocal Canceled:** Reduces lead vocals in music for karaoke applications.



Image: Angled view of the Rockmix 10FX mixer, providing a clearer look at the various control knobs and their labels.

## 2. USB Audio Interface Functionality

Connect the mixer to your computer via the USB 2.0 port. The mixer acts as a 2-way audio interface, sending the summed stereo mix to your Digital Audio Workstation (DAW) and returning audio to channels 7-8. This allows for recording your mix and playing back tracks from your computer through the mixer.

## 3. Bluetooth Streaming

To stream audio wirelessly, activate the Bluetooth function on the mixer. Pair your Bluetooth-enabled device (e.g., smartphone, tablet) with the Rockmix 10FX. Audio streamed via Bluetooth will be routed through the mixer.

## 4. Monitoring with PRO-M50 Headphones

Use the PRO-M50 headphones connected to the PHONES output for accurate monitoring of your mix. The closed-back design provides good isolation, essential for recording and critical listening.

## Operation Video Guides

Your browser does not support the video tag.

Video: "All About Your ROCKMIX 10FX (Updated)" - This video provides a detailed overview of the Rockmix 10FX mixer's features and operation.

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Video: "ROCKMIX 10FX - New Effects Explained" - Learn about the various DSP effects available on the Rockmix 10FX mixer and how to use them.

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Video: "All About Your PRO-M50" - This video details the features and proper use of the PRO-M50 studio headphones.

## MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the mixer, microphone, and headphones. Avoid using abrasive cleaners, solvents, or waxes.
- **Storage:** Store the equipment in a cool, dry place away from direct sunlight and extreme temperatures. Use the provided carrying case for the PRO-M50 headphones when not in use.
- **Cable Care:** Avoid sharp bends or kinks in cables. Disconnect cables by grasping the plug, not the cable itself.
- **Microphone Protection:** Always use the included windscreen/pop filter with the RCM PRO microphone to protect the capsule from moisture and plosives.

## TROUBLESHOOTING

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### No Sound Output from Mixer:

- Ensure the mixer is powered on and the power LED is illuminated.
- Check all cable connections (inputs, main outputs, headphones).
- Verify that channel LEVEL knobs and the MAIN MIX master volume knob are turned up.
- If using a microphone, ensure 48V phantom power is enabled for condenser microphones.
- Check if any MUTE buttons are active.

### Microphone Not Working:

- Confirm the XLR cable is securely connected to both the microphone and the mixer.
- Ensure 48V phantom power is engaged on the mixer for the microphone's channel.
- Check the GAIN and LEVEL settings for the microphone channel.

### Bluetooth Connectivity Issues:

- Ensure the Bluetooth antenna is securely attached to the mixer.
- Verify Bluetooth is enabled on both the mixer and your streaming device.
- Make sure the mixer is in pairing mode and visible to your device.
- Try unpairing and re-pairing the device.

### Distorted Audio:

- Check input GAIN levels to prevent clipping (indicated by PEAK LEDs). Reduce gain if clipping occurs.
- Ensure output levels (MAIN MIX, PHONES) are not set too high, causing distortion in connected speakers or headphones.
- If using the compressor, ensure it is not set too aggressively.

## SPECIFICATIONS

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## Rockville ROCKMIX 10FX Mixer

- **Channels:** 10
- **Inputs:** 4 x XLR/1/4" combo (mic/line), 4 x 1/4" (stereo line), 2 x RCA (stereo tape)
- **Outputs:** XLR (balanced main), 1/4" (unbalanced main), 1/4" (headphones), 1/4" (monitor)
- **Phantom Power:** +48V (switchable)
- **EQ:** 3-band (channels 1-4), 2-band (channels 5-8)
- **DSP Effects:** 16 presets (24-bit)
- **USB Interface:** 2.0, 2-way audio for DAW
- **Bluetooth:** Version 5.0
- **Power:** DC 5V/1A adapter
- **Dimensions (L x W x H):** 12.13" x 9.84" x 2.44"
- **Weight:** 4.85 lbs

## Rockville RCM PRO Condenser Microphone

- **Type:** Large-diaphragm condenser
- **Capsule:** 25 mm
- **Polar Pattern:** Cardioid
- **Frequency Response:** 20 Hz - 20 kHz
- **Sensitivity:** -30 dB +/-2 dB
- **Impedance:** 100 ohms
- **S/N Ratio:** 74 dB
- **Max SPL:** 142 dB
- **Power Requirement:** 48V Phantom Power

## Rockville PRO-M50 Studio Headphones

- **Type:** Closed-back, circumaural
- **Drivers:** 40 mm Neodymium
- **Frequency Response:** 10 Hz - 25 kHz
- **Impedance:** 32 ohms
- **Sensitivity:** 97 +/-3 dB
- **Rated Power:** 260 mW
- **Max Power:** 600 mW
- **Cable:** Detachable 51" coiled OFC cable (extends to approx. 158")

## WARRANTY

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This Rockville product bundle is covered by a 1-year manufacturer's warranty. For warranty claims or service, please retain your proof of purchase and contact Rockville customer support.

## SUPPORT

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For technical assistance, troubleshooting, or further inquiries regarding your Rockville Rockmix 10FX Bundle, please visit the official Rockville website or contact their customer support team. You can often find FAQs and additional resources online.

Official Rockville Store: [Rockville Store on Amazon](#)

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