

Numark M2

Numark M2 2-Channel Scratch DJ Mixer Instruction Manual

1. INTRODUCTION

1.1 Product Overview

The Numark M2 is a robust 2-channel scratch DJ mixer designed for both beginners and experienced DJs. It provides essential mixing functionalities, including a 3-band equalizer on each channel, a microphone input, and a replaceable crossfader with reverse and slope controls. Its durable construction ensures reliable performance in various environments, from home setups to clubs.

1.2 Key Features

- **Versatile 2-Channel Design:** Suitable for various DJ applications.
- **Comprehensive Connectivity:** Features two phono/line switchable RCA inputs, two line RCA inputs, and a 1/4-inch microphone input. Outputs include master (RCA), record (RCA), and 1/4-inch stereo headphone.
- **Mix Control:** Dedicated channel level faders and a replaceable crossfader with reverse and slope controls.
- **Audio Shaping:** Three-band EQs on each channel for precise sound adjustment.
- **Durable Construction:** Solid steel chassis for rugged, reliable performance, with rackmount facilities included.

2. WHAT'S IN THE BOX

- Numark M2 Mixer
- Power Adapter
- Quickstart Guide
- Safety & Warranty Information

3. SETUP

3.1 Connecting Your Mixer

Before connecting any devices, ensure the Numark M2 mixer and all audio equipment are powered off. Connect your turntables, CD players, or other audio sources to the appropriate RCA inputs on the rear panel. Connect your main output to your amplifier or powered speakers, and your headphones to the front panel headphone jack.



Figure 1: Rear panel connections of the Numark M2 mixer. This image displays the master and record RCA outputs, channel 1 and channel 2 phono/line RCA inputs with ground terminals, and the 1/4-inch microphone input. The power input and power switch are also visible.

1. **Power Connection:** Connect the included power adapter to the M2's power input and then to a power outlet. Do not power on the unit yet.
2. **Audio Inputs:**
 - Connect your turntables to the PHONO inputs for channels 1 and 2. Ensure the PHONO/LINE switch is set to PHONO. Connect the turntable's ground wire to the M2's ground terminal.
 - Connect CD players or other line-level devices to the LINE inputs for channels 1 and 2. Ensure the PHONO/LINE switch is set to LINE.
3. **Microphone Input:** Connect a 1/4-inch microphone to the MIC input on the rear panel.
4. **Master Output:** Connect the MASTER RCA outputs to your amplifier, powered speakers, or PA system.

5. **Record Output:** Connect the RECORD RCA outputs to a recording device if you wish to capture your mix.
6. **Headphone Output:** Connect your 1/4-inch stereo headphones to the headphone jack on the front panel.
7. Once all connections are made, you may power on your audio sources, then the Numark M2 mixer, and finally your amplifier/speakers.

4. OPERATION

4.1 Front Panel Controls Overview

The front panel of the Numark M2 provides access to all essential mixing controls, including channel faders, EQ knobs, crossfader, and microphone controls.



Figure 2: Top-down view of the Numark M2 mixer, highlighting the layout of all front panel controls including EQs, faders, and master section.

4.2 Channel Controls

Each of the two channels features dedicated controls for audio input and equalization.



Figure 3: Detailed view of the microphone section and Channel 1 controls, including gain, 3-band EQ (Treble, Mid, Bass), and the channel fader.

- **GAIN Knob:** Adjusts the input level for the respective channel. Set this to achieve a strong signal without clipping (distortion).
- **TREBLE, MID, BASS Knobs:** These are 3-band EQ controls. Turn clockwise to boost frequencies and counter-clockwise to cut them.
- **PHONO/LINE Switch:** Selects between phono (turntable) and line (CD player, media player) input sources for the channel.
- **Channel Fader:** Controls the volume level of the channel's audio output.

4.3 Microphone Input

The M2 includes a dedicated microphone input with its own set of controls.

- **MIC GAIN Knob:** Adjusts the input level of the connected microphone.
- **MIC TREBLE Knob:** Adjusts the high frequencies of the microphone signal.
- **MIC BASS Knob:** Adjusts the low frequencies of the microphone signal.

4.4 Master Output

The master section controls the overall output level and cueing functions.



Figure 4: Detailed view of the master section, including the master volume knob, LED level meters, cue controls, and crossfader slope/mode switches.

- **MASTER Knob:** Controls the overall volume level of the main mix output.
- **LED Level Meters:** Provide visual feedback of the master output level. Aim for levels that are strong but do not consistently peak into the red.

4.5 Cueing

The cue section allows you to monitor channels through your headphones independently of the master output.

- **CUE GAIN Knob:** Adjusts the volume level of the headphone output.
- **CUE Buttons (CH1/CH2):** Press to send the audio from the corresponding channel to your headphones.
- **CUE FADER:** Blends between the cued channels in your headphones.

4.6 Crossfader Controls

The crossfader allows for smooth transitions between channels.

- **Crossfader:** Slides horizontally to blend audio between Channel 1 (left) and Channel 2 (right).
- **CF SLOPE Switch:** Adjusts the curve of the crossfader. A sharper slope is ideal for scratching, while a gentler slope is better for smooth mixing.
- **CF MODE (NORMAL/REVERSE) Switch:** Reverses the direction of the crossfader. In reverse mode, moving the fader to the left will play Channel 2, and to the right will play Channel 1.

5. MAINTENANCE

5.1 Cleaning

Regular cleaning helps maintain the performance and longevity of your mixer.

- Always disconnect the power adapter before cleaning.
- Use a soft, dry cloth to wipe down the exterior of the mixer.
- For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- Keep liquids away from the faders and knobs to prevent damage.

5.2 Storage

When not in use, store the mixer in a cool, dry place, away from direct sunlight and extreme temperatures. If transporting, use a protective case to prevent physical damage.

6. TROUBLESHOOTING

If you encounter issues with your Numark M2 mixer, consider the following basic troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the mixer and a working power outlet. Check the power switch on the rear panel.
- **No Sound Output:**
 - Verify all audio cables are correctly connected to the appropriate inputs and outputs.
 - Check that the PHONO/LINE switches are set correctly for your input sources.
 - Ensure channel faders and the master volume knob are turned up.
 - Confirm your amplifier or powered speakers are turned on and their volume is adjusted.
- **Distorted Sound:**
 - Reduce the GAIN knobs for individual channels and the MASTER knob to prevent clipping (indicated by red LEDs on the level meters).
 - Check the input levels from your audio sources.
- **Humming/Buzzing Noise:** Ensure all ground wires from turntables are properly connected to the mixer's ground terminal. Check for loose cable connections.
- **Crossfader Issues:** If the crossfader feels stiff or unresponsive, it may require cleaning or replacement. Refer to the maintenance section or contact support.

For further assistance, please contact Numark customer support.

7. SPECIFICATIONS



Feature	Detail
Item Weight	6 pounds
Product Dimensions	14.5 x 13.5 x 4 inches (36.83 x 34.29 x 10.16 cm)
Model Number	M2
Size	2-channel
Power Source	Corded Electric
Voltage	10 Volts (DC)
Number of Channels	2
Connectivity Technology	RCA, 1/4-inch
Date First Available	November 6, 2014




8. WARRANTY AND SUPPORT

For warranty information and technical support regarding your Numark M2 mixer, please refer to the included Safety & Warranty Information document or visit the official Numark website. You can also contact Numark customer service directly for assistance with product registration, troubleshooting, or service inquiries.

Online Resources: www.numark.com

Related Documents - M2

	<p>Numark M4 Professional 3-Channel Scratch Mixer Quickstart Guide</p> <p>Concise HTML guide for the Numark M4 professional 3-channel scratch mixer, covering box contents, registration, setup ground rules, and connection diagram.</p>
	<p>Numark Scratch DJ Mixer User Guide and Setup</p> <p>Discover the features and functionality of the Numark Scratch DJ mixer. This guide provides essential information on setup, connections, software integration with Serato DJ Pro, and advanced DVS capabilities for professional DJs.</p>

	<p>Numark SCRATCH User Guide</p> <p>This user guide provides comprehensive instructions for the Numark SCRATCH DJ controller, covering setup, software integration with Serato DJ Pro, features, operation, and Digital Vinyl System (DVS) capabilities.</p>
	<p>Numark SCRATCH DJ Controller User Guide</p> <p>Comprehensive user guide for the Numark SCRATCH DJ controller, covering setup, features, operation, software integration with Serato DJ Pro, and DVS capabilities. Includes technical specifications and support information.</p>
	<p>Numark C2 Professional 19-inch 4-Channel DJ Mixer - Quick Start Guide</p> <p>Comprehensive guide to the Numark C2 professional 19-inch 4-channel DJ mixer, covering setup, connections, features, and specifications. Learn how to connect turntables, CD players, microphones, and amplifiers.</p>
	<p>Numark C2 / CM100 Service Manual</p> <p>Service manual for the Numark C2 and CM100 audio mixers, providing technical information, parts lists, and safety instructions.</p>