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SYNCO MC4

SYNCO MC4 Audio Mixer User Manual

Model: MC4

Brand: SYNCO

INTRODUCTION

This user manual provides detailed instructions for the SYNCO MC4 4-Channel Audio Mixer. Please read this manual thoroughly before operating the device to ensure proper use and to maximize its performance and longevity. The SYNCO MC4 is designed for versatile audio mixing applications, including home recording, podcasting, live streaming, and stage tuning, offering multiple input/output options, studio-level effects, and convenient connectivity features.



Figure 1: Front view of the SYNCO MC4 Audio Mixer, showing various knobs, faders, and input/output ports.

KEY FEATURES

- **Multiple Connections:** 2 MIC/LINE Mono inputs (XLR and TRS Phone type), 1 Stereo input (line-level instruments with TRS Phone/RCA plug type), 1 USB input, and 2 Stereo output jacks.
- **Studio-Level Effects:** EFX controlled reverb effects, REPEAT & DELAY effects allow fuller and finer adjustment, providing highly accurate sound with low noise.
- **Multiple Professional Functions:** Supports high pitch, bass adjustment, gain trim, high definition headphone output port for real-time monitoring, MP3 broadcast, and sound card function for the computer.

- **48V Phantom Power & USB Charging:** Built-in 48V phantom power for XLR-plug microphones; easily charged via USB-cable through computer, power bank, and adapter.
- **Bluetooth & USB Connection:** Wirelessly stream music from your devices to the audio mixer. The USB interface allows MP3/WAV/WMA/FLAC music playing through a U-disk.



Figure 2: Diagram illustrating the various input and output connection points on the SYNCO MC4 mixer, including MIC/LINE, Stereo, USB, and Main outputs.

SETUP GUIDE

1. Unpacking and Inspection

Carefully remove the SYNCO MC4 mixer from its packaging. Inspect the unit for any signs of damage during transit. Ensure all components listed in the packing list are present. If any items are missing or damaged, contact customer support immediately.

2. Power Connection

The MC4 mixer can be powered via USB. Connect the provided USB cable to the mixer's USB port and to a compatible power source such as a computer USB port, a power bank, or a USB wall adapter (5V/2A recommended). The power indicator light will illuminate when the unit is receiving power.

PROFESSIONAL FUNCTIONS

Real-time
monitoring

Gain trim



High pitch



Bass adjustment



Figure 3: The SYNCO MC4 mixer connected to a laptop, power bank, and wall adapter, demonstrating its USB charging capability.

3. Connecting Microphones and Instruments

- **MIC/LINE Inputs (Channels 1-2):** Use XLR cables for microphones or 1/4" TRS cables for line-level instruments. If using condenser microphones requiring phantom power, ensure the +48V PHANTOM switch is engaged.

- **Stereo Input (Channels 3/4):** Connect line-level devices such as keyboards, media players, or other audio sources using 1/4" TRS or RCA cables.
- **USB Input:** Connect the mixer to a computer via USB for audio interface functionality or insert a U-disk for MP3/WAV/WMA/FLAC playback.

4. Output Connections

- **MAIN Output (L/R):** Connect to your amplifier, powered speakers, or recording device using 1/4" TRS or RCA cables.
- **PHONES Output:** Connect headphones for real-time monitoring. Adjust the PHONES knob for desired volume.

OPERATING INSTRUCTIONS

1. Basic Operation

- **Gain Control:** Adjust the GAIN knob for each channel to set the input sensitivity. Aim for the PEAK indicator to flash only occasionally, avoiding constant illumination which indicates clipping.
- **EQ Adjustment:** Use the HIGH and LOW knobs to adjust the treble and bass frequencies for each channel.
- **EFX Control:** The EFX knob sends the channel's signal to the internal effects processor.
- **Channel Volume:** Adjust the channel faders (or knobs) to set the individual volume levels.
- **Main Volume:** The MAIN knob controls the overall output volume of the mixer.

BLUETOOTH & USB CONNECTION

Professional 4-Channel Mixing console and monitor paths plus effects processor

SYNCO MC4

Bluetooth symbol

U-disk

MODE BUTTON

Switching LINE/BT/PC working status and loop play mode

Figure 4: Close-up view of the SYNCO MC4 mixer's controls, highlighting the Gain trim, High pitch, and Bass adjustment knobs for precise audio shaping.

2. Effects Processing

The MC4 features built-in reverb, repeat, and delay effects. Use the DELAY and REPEAT knobs to fine-tune the effect parameters. The EFX knobs on individual channels determine how much of that channel's signal is sent to the effects

processor.



STUDIO-LEVEL EFFECTS

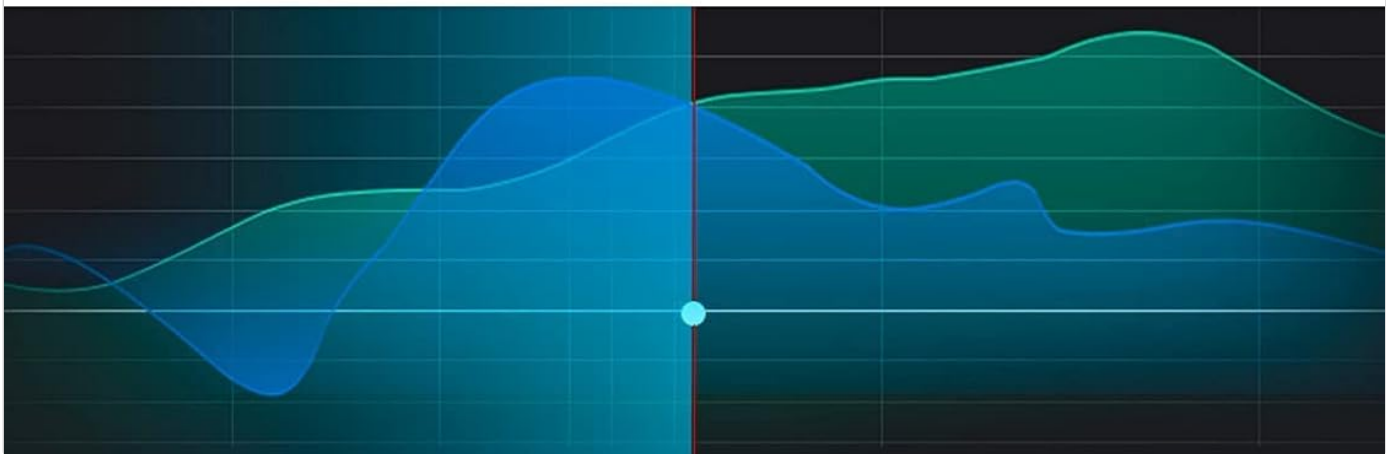


Figure 5: Detailed view of the EFX and PEAK indicators on the SYNCO MC4 mixer, illustrating the controls for studio-level effects.

3. Bluetooth and USB Playback

- **Bluetooth Connection:** Press the MODE/BT button to switch to Bluetooth mode. The display will show "BT". On your

device, search for "SYNCO MC4" and pair. Once connected, you can stream audio wirelessly to the mixer.

- **USB Playback:** Insert a U-disk containing MP3, WAV, WMA, or FLAC files into the USB port. The mixer will automatically detect and play the audio files. Use the playback controls (play/pause, next/previous) on the mixer.
- **MODE Button:** This button cycles through LINE, BT (Bluetooth), and PC (USB audio interface) working statuses. It also controls loop play mode for USB playback.



Figure 6: The SYNCO MC4 mixer demonstrating its Bluetooth and USB connectivity, with a U-disk inserted and the MODE button highlighted.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Do not use liquid cleaners or solvents, as they may damage the finish or internal components.
- **Storage:** When not in use for extended periods, store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the mixer to strong impacts. Protect knobs and faders from excessive force.

- **Ventilation:** Ensure proper ventilation around the unit to prevent overheating. Do not block ventilation openings.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	USB cable not connected or faulty; power source issue.	Ensure USB cable is securely connected. Try a different USB port or power adapter.
No sound output	Main volume too low; incorrect input/output connections; channel volume too low; external device issue.	Check MAIN knob. Verify all cables are correctly connected. Increase channel volume. Check external amplifier/speakers.
Distorted sound	Input gain too high (clipping); faulty cable; impedance mismatch.	Reduce GAIN knob until PEAK indicator stops flashing constantly. Try a different cable. Ensure correct impedance.
Microphone not working (XLR)	Phantom power not enabled (for condenser mics); faulty mic/cable.	Activate +48V PHANTOM power switch. Test with a different microphone or cable.
Bluetooth connection issues	Mixer not in BT mode; device not paired; interference.	Press MODE/BT button to select BT mode. Ensure device Bluetooth is on and "SYNCO MC4" is selected. Move closer to the mixer.

If the problem persists after attempting these solutions, please contact SYNCO customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Model	MC4
Channels	4 (2 Mono MIC/LINE, 1 Stereo, 1 USB)
Phantom Power	+48V (switchable for Channels 1-2)
Connectivity	XLR, 1/4" TRS, RCA, USB, Bluetooth
Effects	Reverb, Repeat, Delay
USB Audio Interface	Yes (for computer connection)
U-disk Playback	MP3/WAV/WMA/FLAC support
Power Source	USB 5V/2A (Corded Electric)
Item Weight	15.1 ounces (0.43 Kilograms)
Dimensions	9.25 x 8.78 x 2.76 inches (Package Dimensions)

WARRANTY INFORMATION

SYNCO products are manufactured to high quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official SYNCO website. Keep your purchase receipt as proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact SYNCO customer support through their official website or the contact information provided with your product packaging.





You can also visit the [SYNCO Store on Amazon](#) for more product information and support resources.



For the official User Manual (PDF), you may refer to: [User Manual \(PDF\)](#)



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Related Documents - MC4

	<p>SYNCO MC4 4-Channel USB Audio Mixer User Manual</p> <p>Get detailed information on the SYNCO MC4, a versatile 4-channel audio mixer. This user manual covers features, specifications, operation, and care for the SYNCO MC4 mixing console.</p>
	<p>SYNCO Smic Digital 2.4GHz Wireless Microphone User Manual</p> <p>User manual for the SYNCO Smic Digital 2.4GHz Wireless Microphone, detailing its features, operation, specifications, packing list, and warranty information.</p>
	<p>SYNCO P2 Series Wireless Microphone System User Manual</p> <p>Comprehensive user manual for the SYNCO P2 Series wireless microphone system, detailing product features, operation, specifications, and warranty information.</p>
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	<p>SYNCO XTALK FAQ: Headset Pairing, Firmware, and Support Guide</p> <p>Frequently Asked Questions (FAQ) for the SYNCO XTALK wireless headset system. Find answers on contacting support, downloading low-latency firmware, pairing multiple headsets, reconnecting lost connections, and resolving signal instability.</p>
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