

Congratulations on your purchase of the Miktek Audio Tool Box Series signal processor! The audio industry is filled with 'good' audio gear. At Miktek, we believe good is not good enough! We manufacture our products to go beyond average quality and performance. Thank you for trusting our vision and choosing Miktek for your important audio application.

In this manual you will find descriptions of the MX4, the four channel mini mixer's features, step-by-step set-up and operating instructions along with detailed specifications.

In addition, we've also included some simple application examples to explain the features and functions of the MX4.

For the experienced audio engineer these applications may seem basic, however at Miktek, we wish to support and encourage new engineers to use our products and appreciate outstanding audio quality! So, no explanation is too basic! We know you are serious about your audio equipment, and at Miktek, we are serious about providing superior products and service to our customers.

We appreciate your patronage and hope you enjoy using your Audio Tool Box processors as much as we enjoy making them available to you.

Sincerely,

Michael Ketchell  
Managing Director

## INTRODUCTION

The Miktek MX4 is a 4 channel mini mixer with high-end mixer features. It contains: a balanced mic input with an XLR connector, an included phantom power supply for connecting a condenser microphone, 2 high impedance line inputs and a stereo 1/8" (3.5mm) input, individual volume controls for each channel allowing you to create your own mix by adjusting the gain level one by one, and two 1/4" output connectors which provide both stereo and mono outputs.

## FEATURING

- \*Four Channel mini stereo mixer
- \*Two 1/4" connectors for high impedance line input with volume control
- \*Balanced microphone XLR input with Phantom Power and volume control
- \*Stereo 3.5mm input with volume control
- \*Two 1/4" connector outputs
- \*20 volt AC adapter

1. CH. 3 - MONO IN: 1/4" input for Channel 3 instrument / line level signals.
2. CH. 4 - MONO IN: 1/4" input for Channel 4 instrument / line level signals.
3. DC POWER INPUT: Connect the supplied power adapter here.
4. L - OUTPUT: mixed output on Left channel
5. R - OUTPUT: mixed output on Right channel
6. CH. 1 - MIC IN: XLR mic level input for connecting standard microphone
7. CH. 2 - ST IN: 3.5mm input for Channel 2 line level signals
8. CH. 4 - GAIN: Control knob used to adjust the level of channel 4.
9. CH. 3 - GAIN: Control knob used to adjust the level of channel 3.
10. CH. 2 - GAIN: Control knob used to adjust the level of channel 2.
11. CH. 1 - GAIN: Control knob used to adjust the level of channel 1.

## START UP YOUR MX4

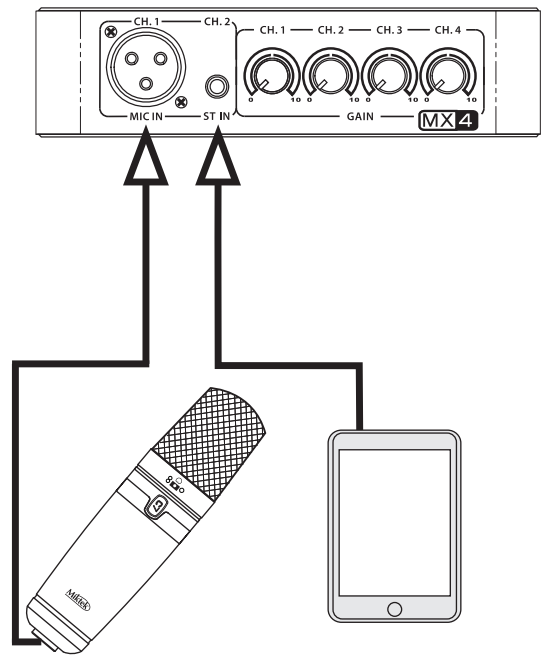
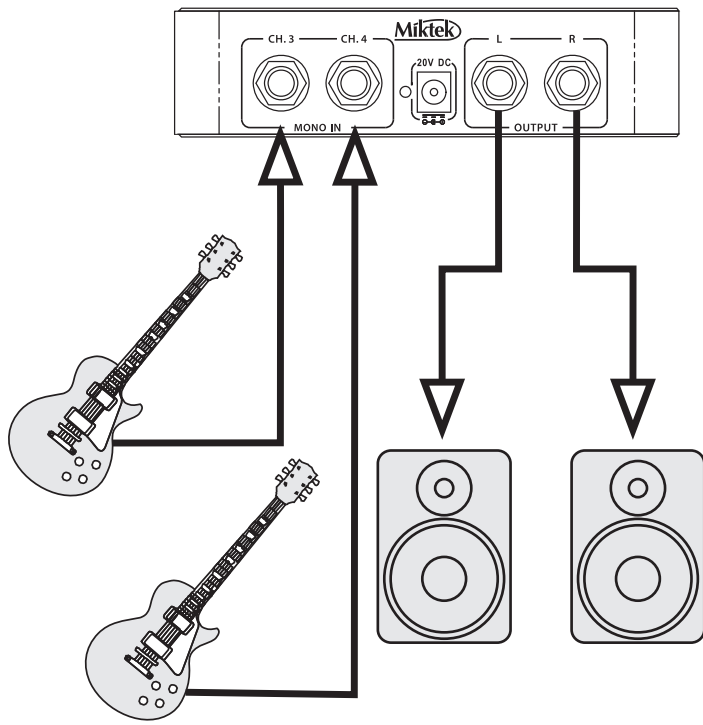
When powering up your MX4, make sure that all wires are connected, and turn your mixer and any other outboard gear on. Then turn on your power amp or powered speakers. When powering down, turn your power amp or power speakers off before your mixer and any outboard gear.

- \* Turn all four Channels GAIN knobs all the way to the left.
- \* Connect the supplied AC/DC adapter to the DC input on the rear panel of the MX4, and then plug the adapter into any standard outlet.
- \* Connect the MX4's Left and Right OUTPUTs to your power amp or powered speaker using the 1/4" OUTPUT jack connectors.

## TYPICAL SET-UP WITH MX4

1. Connect your guitar / bass guitars to Channel 3 and Channel 4 INPUTs.
2. Connect any low impedance mic to Channel 1 MIC INPUT. You can use a dynamic or condenser mic since the MX4 has phantom power on the mic input at all times.
3. Connect media player or other line level devices to Channel 2.

**TYPICAL SET-UP WITH MX4 (continued)**



**SPECIFICATIONS**

Frequency Response	10Hz to 95KHz
Max Input Level	+21 dBu
Mic Input	XLR Jack, balanced
Line Input	2 x ¼" Jack
Stereo Input	3.5mm Jack
Input Impedance	1 Meg Ohm
Left Output	¼" Jack, unbalanced
Right Output	¼" Jack, unbalanced
Output Impedance	100 Ohm each output
S/N Level	-105 dB
THD	<0.005%
Power Supply	18V DC
Dimensions	144 W x 102 D x 38 H mm
Weight	2.90KG



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