

# Saramonic

Sound.Remarkable. 

## Dual-Channel Audio Interface

## 双通道音频接口

## MV-Mixer

User Manual  
用户手册



## Statement

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Please read this manual carefully before using and strictly operate and store in accordance with the instructions. Please save the manual for your future reference.

If the user manual can not help you to solve certain problems, please consult with your retailer for help or email us: [info@Saramonic.com](mailto:info@Saramonic.com).

## General Introduction

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Saramonic MV-Mixer is a dual-channel USB audio interface, providing a simple and compact audio mixing solution for singers, musicians, podcasters, producers and more.

With two XLR-1/4" combo inputs and selectable 48V phantom power, the MV-Mixer could compatible with most XLR microphones (dynamic or condenser) and music instruments on the market, providing mic and line-level signals with clarity and natural tonality. Independent gain controls are provided for each input. The MV-Mixer is capable of recording audio in up to 24-bit, 192 kHz resolution to ensure the high-fidelity and rich detail of your signals.

With two 1/4" line outputs and a headphone output, the MV-Mixer can drive a set of speakers and headphones while offering independent volume controls for both. The INPUT/PLAYBACK switch allows you to real time monitor the input signal without audio latency.

## Features

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Dual-channel audio interface with USB-C output

Compatible with Mac/Windows computers

XLR-1/4" combo inputs for dynamic/condenser XLR mics, instruments or line-level signals

LINE/INST mode switch

Independent gain and level controls

1/4"(6.35mm) audio outputs

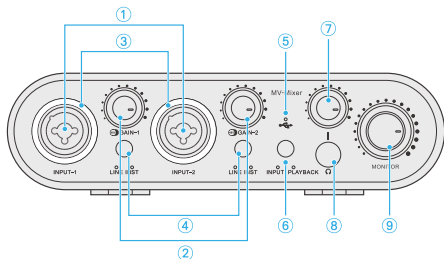
Selectable separately 48V phantom power for two XLR inputs

Real time and playback headphone monitoring

Multicolor LED indicators clearly show working status

# Product Structure

## Front Panel



### ① Input 1 & 2

XLR-1/4"(6.35mm) combo sockets.

1/4"(6.35mm) input: for connecting instruments and line-level devices.




XLR input: for connecting dynamic/condenser XLR microphones.

### ② Gain knob/48V phantom power switch

Function	Operation
Gain Control Adjust audio level for inputs 1 and 2 respectively. (Gain-1 for INPUT-1; Gain-2 for INPUT-2)	Turn the knob to adjust the gain. Brightness of the indicator ring changes when adjusting the knob.
48V Phantom Power Supply. (Only for XLR inputs)	Long press the knob to turn on/off the 48V phantom power.

Please make sure your microphone needs external 48V phantom power, otherwise it will damage your microphone.

### ③ 48V phantom power / peak indicator

Function	Indicator
48V Phantom Power Indicator	 : 48V Phantom Power ON  : 48V Phantom Power OFF
Peak Indicator	 : Input signal is overload

### ④ LINE/INST Switch

Press to switch between LINE and INST modes.

LINE: accepts line-level signals.

INST: accepts signals from instruments such as guitar, bass, keyboard.

### ⑤ USB LED Indicator

### ⑥ Real-time Monitoring switch

Press to switch between INPUT and PLAYBACK modes.

INPUT mode: enable both Real-time and playback monitoring.

PLAYBACK mode: only playback monitoring enabled.

### ⑦ Headphone volume control

Turn the knob to adjust the headphone volume.

Brightness of the indicator ring changes when adjusting the knob.

### ⑧ 1/4"(6.35mm) headphone output

Connect headphones for audio monitoring.

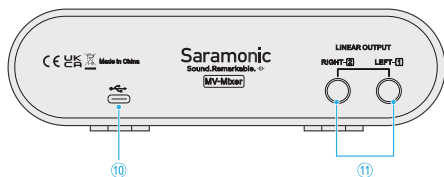
To connect headphones with a 3.5mm plug, please use the supplied 6.35mm to 3.5mm adapter.

### ⑨ Output volume control

Turn the knob to set the output level for outputs LEFT-① and RIGHT-② at the rear panel.

Brightness of the indicator ring changes when adjusting the knob.

## Rear Panel



### ⑩ USB-C port

Use the supplied USB cable to connect to your computer.

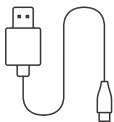
### ⑪ Line outputs

1/4"(6.35mm) LEFT and RIGHT output jacks.

To connect devices with 3.5mm connector, please use the supplied 6.35mm to 3.5mm adapter.

## Accessories

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USB-A to  
USB-C cable



1/4"(6.35mm) to  
1/8"(3.5mm) adapter

## Preparations

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For Windows 7 Users:

Before getting started, please download the driver from the website below:  
<https://www.saramonic.com/product/mv-mixer/>

For Mac/Windows 10 Users:

The MV-Mixer is perfectly compatible with Mac/Windows 10 system, no need for drivers.

## Set-Up for Windows

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1. Connect the MV-Mixer to your computer with the supplied USB cable.
2. Go to Control Panel → Hardware and Sound → Manage audio devices.
3. Select "MV-Mixer" as the default device under the "Playback" tab.
4. select "MV-Mixer" as the default device under the "Recording" tab.

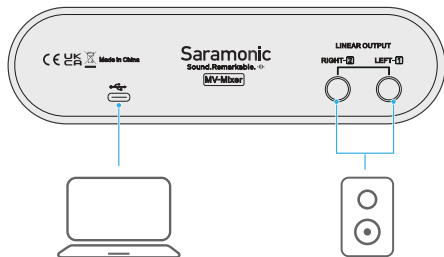
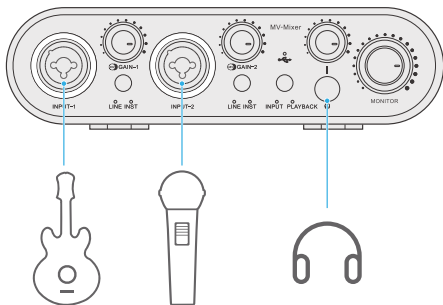
## Set-Up for Mac

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1. Connect the MV-Mixer to your computer with the supplied USB cable.
2. Go to Apple menu-->System Preferences-->Sound Icon.
3. Select "MV-Mixer" under "Input" tab.
4. Select "MV-Mixer" under "Output" tab.

## Connection Example

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# Specification

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Sample Rates	44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz
Power Requirement	USB bus powered
Microphone Power Supply	48V phantom power (only for XLR inputs)
Supported System	Windows/Mac OS
Compatible Software	Logic Pro X / Cubase/Adobe Audition

## Microphone Inputs

Frequency Response	20-20KHz $\pm$ 1dB
Dynamic Range	110 (A-weighted)
THD+N	<0.005%
Noise EIN	-120dBu
Maximum Input Level	5dBu
Gain Range	48dBu
Input Impedance	3K

## Line Inputs

Frequency Response	20-20KHz $\pm$ 1dB
Dynamic Range	110 (A-weighted)
THD+N	<0.005%
Noise EIN	-120dBu
Maximum Input Level	15dBu (at minimum gain)
Gain Range	48dBu
Input Impedance	20K

## Instrument Inputs

Frequency Response	20-20KHZ±1dB
Dynamic Range	110 (A-weighted)
THD+N	<0.05%
Noise EIN	-110dBu
Maximum Input Level	9dBu (at minimum gain)
Gain Range	48dBu
Input Impedance	1M

## Line/Monitor Outputs

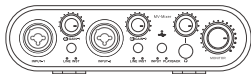
Dynamic Range	102 (A-weighted)
THD+N	<0.005%
Maximum Output Level	108 (A-weighted)
Output Impedance	560Ω

## Headphone Outputs

Dynamic Range	105 (A-weighted)
THD+N	<0.005%
Maximum Output Level	+8dBu
Output Impedance	10Ω

## Packing List

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1×MV-Mixer  
dual-channel audio  
interface



1×USB-A to USB-C  
cable (2m)



2×1/4"(6.35mm) to  
1/8"(3.5mm) adapter

## 声明

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使用前请仔细阅读本说明书，并严格按照说明书操作和储存。请把它存放好，以备将来使用时参考。

如果使用手册不能帮助您解决某些问题，请向您的零售商寻求帮助或发邮件给我们：

**info@Saramonic.com。**

## 概述

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枫笛MV-Mixer 是一款双通道USB 音频接口兼混音器，为歌手、音乐家、播客和音乐制作人等提供完美的双通道音频解决方案。

产品具备两个 XLR/6.35mm组合输入孔和 48V 幻象电源供电功能，可接入动圈/电容麦克风、乐器和线路输入设备，且每个组合输入孔具备独立的增益调节旋钮。MV-Mixer支持24bit/192kHz的无损音频，提供清晰、自然的音质。

6.35mm耳机输入孔可接入耳机进行音频监听；通过切换INPUT/PLAYBACK两种监听模式，您可以进行实时、回放监听；6.35mm 左、右输出孔可外接音响，并可通过独立的音量调节旋钮进行音量调节。

## 特点

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双通道USB 音频接口

兼容Mac/Windows电脑

XLR/6.35mm组合输入孔，可接入动圈/电容XLR麦克风、乐器、线路输入设备

LINE/INST模式切换键

独立的增益和音量控制旋钮

6.35mm音频输出接口

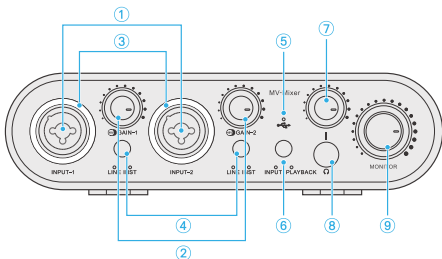
可为XLR输入提供48V 幻象电源

具备实时监听和回放监听功能

多色指示灯清晰提示工作状态

# 产品结构

## 前面板



### ① 输入孔1和2

XLR/6.35mm组合输入插孔

6.35mm输入孔：可接入乐器或线路输入设备

XLR输入孔：可接入动圈/电容麦克风

### ② 增益调节旋钮 / 48V幻象电源开关

功能	操作
增益调节 (Gain-1为输入孔1增益调节旋钮，Gain-2为输入孔2增益调节旋钮)	转动旋钮以调节增益 (调节旋钮时指示灯环亮度会发生变化)
48V幻象电源供电 (仅XLR输入孔)	长按旋钮打开/关闭48V幻象电源供电功能

注意：请确认麦克风是否需要外接48V幻象电源，以免对麦克风造成不可逆的损害。

### ③ 48V幻象电源/过载指示灯

功能	指示灯
48V幻象电源指示灯	 : 开启48V幻象电源  : 关闭48V幻象电源
过载指示灯	 : 输入音量过高

### ④ LINE/INST切换键

短按可切换LINE/INST模式

LINE模式: 可接入线路设备

INST模式: 可接入吉他等乐器

### ⑤ USB指示灯

### ⑥ 实时监听开关

短按可切换INPUT/PLAYBACK模式

INPUT模式: 可同时进行实时监听和回放监听

PLAYBACK 模式: 只能进行回放监听

### ⑦ 耳机音量调节旋钮

转动旋钮调节耳机音量

调节旋钮时指示灯环亮度会发生变化

### ⑧ 6.35mm耳机插孔

接入耳机进行音频监听

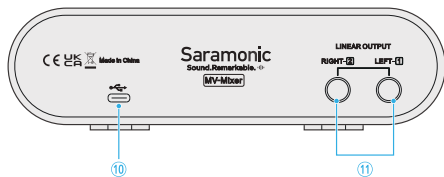
若需连接带有3.5mm插头的耳机, 请使用配备的 6.35mm转3.5mm转接头。

### ⑨ 输出音量调节旋钮

转动旋钮调节后面板上输出孔LEFT-①和RIGHT-②的输出音量。

调节旋钮时指示灯环亮度会发生变化。

## 后面板



### ⑩ USB-C插孔

使用配备的USB转接线，接入电脑

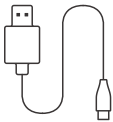
### ⑪ 线路输出接口

6.35mm左/右输出插孔

若需连接带有3.5mm插头的设备，请使用配备的6.35mm转3.5mm转接头。

## 配件

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USB-A 转USB-C转接线



6.35mm转3.5mm转接头



## 开始使用前

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Windows 7用户:

在开始使用MV-Mixer前, 请从以下网址下载并安装驱动程序:

<https://www.saramonic.com/product/mv-mixer/>

Mac / Windows 10用户:

MV-Mixer完美兼容Mac / Windows 10系统, 无需安装任何驱动程序。

## Windows系统程序设置

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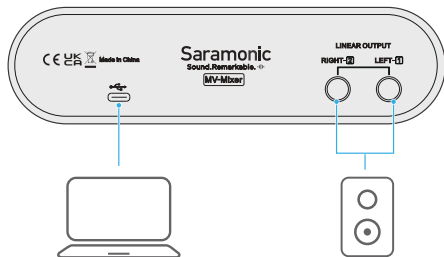
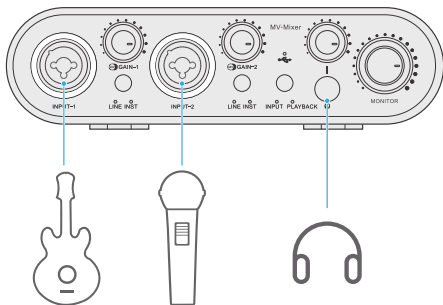
1. 使用配备的USB转接线将MV-Mixer接入电脑;
2. 进入“控制面板” → “硬件和声音” → “管理音频设置”;
3. 在“播放”选项卡下选择“MV-Mixer”为默认设备;
4. 在“录制”选项卡下选择“MV-Mixer”为默认设备。

## Mac系统程序设置

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1. 使用配备的USB转接线将MV-Mixer接入电脑;
2. 进入苹果菜单界面--> “系统偏好设置” --> “声音”;
3. 选择“MV-Mixer”为输入设备;
4. 选择“MV-Mixer”为输出设备。

## 连接示意图



## 参数

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采样率	44.1 kHz、48 kHz、88.2 kHz、96 kHz、176.4 kHz、192 kHz
供电方式	USB输入供电
麦克风供电	48V幻象电源供电（仅供XLR输入孔）
系统支持	Windows/Mac OS系统
兼容软件	Logic Pro X / Cubase/Adobe Audition

### 麦克风输入

频率响应	20-20KHz $\pm$ 1 dB
动态范围	110（A加权）
THD + N	<0.005%
噪音EIN	-120dBu
最大输入电平	5dBu
增益范围	48dBu
输入阻抗	3K

### 线路输入

频率响应	20-20KHz $\pm$ 1 dB
动态范围	110（A加权）
THD + N	<0.005%
噪音EIN	-120dBu
最大输入电平	15dBu（最小增益时）
增益范围	48dBu
输入阻抗	20K

## 乐器输入

频率响应	20-20KHZ $\pm$ 1dB
动态范围	110 (A加权)
THD + N	<0.05%
噪音EIN	-110dBu
最大输入电平	9dBu (最小增益时)
增益范围	48dBu
输入阻抗	1M

## 线路/监听输出

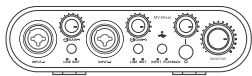
动态范围	102 (A加权)
THD + N	<0.005%
最大输出电平	108 (A加权)
输出阻抗	560 $\Omega$

## 耳机输出

动态范围	105 (A加权)
THD + N	<0.005%
最大输出电平	+8dBu
输出阻抗	10 $\Omega$

## 包装清单

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1 × MV-Mixer双通道音频接口



1 × USB-A转USB-C  
转接线 (2米)



2 × 6.35mm转  
3.5mm转接头



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**JIAYZ 长丰** | 深圳市长丰影像器材有限公司

产品/零件名称	MV-Mixer说明书	比例	1:1	版本	V01
工程图号	MV-Mixer说明书	物料描述	105克铜版纸 过油 骑马钉 P24		
物料编号	1F0300400188	尺寸/用量	120x120mm 1PCS		
是否需要承认书	是	正负公差	2mm		
制图人/日期	杨帆/2021.09.29				

受控文件  
2021-10-8  
长丰影像

修改名称	版本	变更内容	变更日期	变更担当
	V01	首次发行	2021.09.29	杨帆