Saramonic

Sound.Remarkable. ılı

Two-channel Mic&Guitar Interface
双通道麦克风 / 吉他音频接口 (兼容 3.5mm 接口手机、相机)

SmartRig+

User Manual
用户手册

Product Introduction
1 General Introductions

The Saramonic SmartRig+ is a microphone/guitar interface for recording sound.

It allows you to connect professional microphones/guitars to create music with your iPhone, iPad, iPod touch and Android devices, or record quality audio to your DSLR cameras and camcorders.

The SmartRig+ makes your recording work much easier. It provides 48V phantom power for microphones and 3.5mm headphone output for real-time monitoring. The two gain control thumbwheels make it easy to set precise levels.
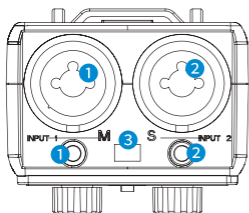
2 Highlights

- Two XLR mic inputs
- Two 1/4" (6.35mm) guitar inputs
- Two 1/8" (3.5mm) inputs
- Mono/Stereo switch (M/S)
- Camera/Phone switch
- +48V phantom power
- 3.5mm headphone output for monitoring
- Gain control

3 Specifications

Frequency Response	20 Hz to 20 Khz, +/-0.5 dB
THD	less than 0.01% @ 1 kHz, -30 dBu input
SNR	80 dB @ 1 kHz, -30 dBu input
Input1	1x XLR mic input
	1 x 1/4" (6.35mm) guitar input
	1 x 1/8" (3.5mm) input"
Input2	1 x XLR mic input
	1 x 1/4" (6.35mm) guitar input
	1 x 1/8" (3.5mm) input"
Output	1 x 1/8" (3.5mm) CAB LINE
Phone OUT	1 x 1/8" (3.5mm) jack
Gain	+20 dB to -∞
Phantom Power	48V power supplies
Power Requirements	9V alkaline or lithium battery
Dimensions	L 120 x W 40 x H 40 mm
Weight	130g (excluding battery)

4 Product Structure

1 Input1:
   For Microphone:
   One balanced XLR input
   One 1/8" (3.5mm) mono input

   For Guitar:
   One 1/4" (6.35mm) mono standard input

2 Input2:
   For Microphone:
   One balanced XLR input
   One 1/8" (3.5mm) mono input

   For Guitar:
   One 1/4" (6.35mm) mono standard input

   Note: Other instruments with 1/4" (6.35mm) input
   connector can also be used with the SmartRig+.

3 M/S switch
Select mono/stereo output mode
When recording on one channel, use the mono (M) setting. The signal will be sent to both left and right channels.
When recording on two channels, use the stereo (S) setting. The level of each channel can be controlled individually.
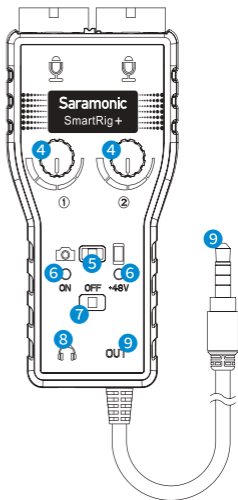
4 ① and ② Control Knobs
Adjust the signal level of each channel to the optimum recording levels.
Knob ① controls the volume of input group 1 and knob ② is for input group 2.

5 Camera/Phone Switch
When connect to a camera, please slide to 📷 .
When connect to a smartphone, please slide to 📱 .

6 LED Indicator

When turn on the SmartRig+, the green indicator is on.

When choose +48V phantom power, the red and green indicators are both on.

When it is low battery, the red and green indicators will be dim.

7 ON/OFF/+48V Switch

Select the ON/OFF switch to turn on/off the SmartRig+.

Select +48V phantom power for microphones that require phantom power to operate.

Please notice that only the XLR inputs offer +48V phantom power, the 1/8" (3.5mm) mic inputs do not offer +48V phantom power.
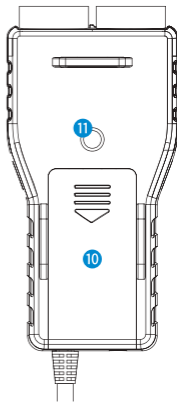
8 Headphone Jack

Monitor the audio from inputs.

9 Output

1/8" (3.5 mm) output cable to smartphone/camera.

10 Battery Compartment

Operates on one 9V alkaline or lithium battery (not included).

11 1/4" Female Screw

5 Quick Start Guide

a. Install a 9V battery. Gently slide out the battery cover in the direction of the arrow at the back of unit. Insert the battery with the "+" positive terminal lined up with the "+" indicator on the battery compartment.

b. Connect your microphones to the XLR inputs or 3.5mm inputs, or connect guitars to the 1/4" (6.35mm) inputs.

c. Set the M/S switch
When recording on one channel, switch to the mono (M) setting. The signal will be sent to both left and right channels.
When recording on two channels, switch to the stereo (S) setting. The level of each channel can be controlled individually.

d. Set the Camera/Phone switch
When connect to a camera, slide to , and connect the SmartRig+ to the MIC Input of your camera.
When connect to an iOS/Android device, slide to , and connect the SmartRig+ to your iOS/ Android device's headphone jack.

e. When connect to iOS/Android device, please download professional recording APP which support real-time input/output pass-through and install them on your device.

f. Turn on the SmartRig+. Slide the power switch to the

ON position and the green indicator is on.

g. If your microphone needs phantom power, please slide the power switch to the +48V position.

The red and green indicators are both on.

h. Please connect your headphone to the headphone jack in case you need to monitor recording.

i. You are now ready to record. Adjust the two gain controls flexibly to get the optimum signal levels.

6 Tips

- Be careful not to turn the phantom power ON when recording with microphones that do not operate on phantom power, as the current may damage it.

- Please set the GAIN properly during recording. Audio recording will be distorted if the GAIN is too high or too low.

- If you hear echoes when using high GAIN settings, please lower the device volume with the volume button.

- If you can't hear audio when monitoring, please make sure the applications you choose can support real-time input/output pass-through.

7 Compatibility

Compatible with iPhone/iPad/iPod touch, Android devices, all DSLR cameras and camcorders with 3.5mm mic input connector.

Any types of microphones: Dynamic, Ribbon, or Condenser.
Guitars: All guitars with 6.35mm input connector.

8 Packing List

The SmartRig+ ×1
Velcro Strip×1
Carry Pouch×1
User Manual×1
Warranty Card×1

产品介绍

1. 简介

SmartRig+ 是双通道麦克风 / 吉他音频接口，实现移动设备与麦克风 / 吉他轻松对接。

SmartRig+ 是高品质的专业麦克风音频接口，支持专业舞台，专业级录音室麦克风，乐器等设备连接，轻松实现在 iPhone，iPad，iPod touch、安卓设备上操作，同时也支持音频输入至相机及摄像机等设备。

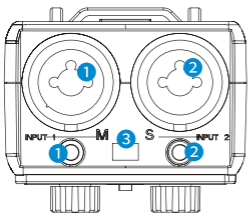本产品可提供 48V 幻象电源和 3.5mm 耳机输出孔进行实时监听。此外，用户还可根据实际录音情况，单独调控各个通道的音量大小。

2. 产品结构

- XLR 麦克风输出孔 *2
- 6.35mm 吉他线性输入孔 *2
- 3.5mm 麦克风输入孔 *2
- 单声道 / 立体声切换键
- 相机 / 手机模式切换键
- 可提供 48V 幻象电源
- 3.5mm 耳机监听孔
- 音量控制旋钮

3. 参数

频率响应	20 Hz to 20 Khz, +/-0.5 dB
失真率	< 0.01%@1KHZ, -30dBu 输入
信噪比	80 DB @1KHZ,-30dBu 输入
输入孔 1	XLR 麦克风输出孔
	6.35mm 吉他线性输入孔
	3.5mm 麦克风输入孔
输入孔 2	XLR 麦克风输出孔
	6.35mm 吉他线性输入孔
	3.5mm 麦克风输入孔
输出	3.5mm 输出接口
耳机监听孔	3.5mm 耳机监听孔
增益	+ 20dBu 到 - ∞
幻象电源	可供 48V 幻象电源
供电方式	9V 锂电池或碱性电池供电
尺寸	120 × 40 × 40 mm
重量	130g（不含电池）

4. 产品结构

❶ 输入孔 1

    麦克风适配接口：
    XLR 麦克风平衡输入孔
    3.5mm 麦克风单声道输入孔

    乐器适配接口：
    6.35mm 吉他单声道线性输入孔

❷ 输入孔 2

    麦克风适配接口：
    XLR 麦克风平衡输入孔
    3.5mm 麦克风单声道输入孔

    乐器适配接口：
    6.35mm 吉他单声道线性输入孔

❸ **单声道 / 立体声切换键**

　　选择使用单声道（M）设置时，信号将被传输到左右两个频道。选择使用立体声（S）设置时，每个通道的音量允许单独调控。

❹ **音量控制旋钮（通道 ① 和通道 ②）**

　　用户可自主调节音量大小，保证每个通道的音量为最佳水平。选择使用单声道（M）设置时，信号将被传输到左右两个频道。选择使用立体声（S）设置时，每个通道的音量允许单独调控。
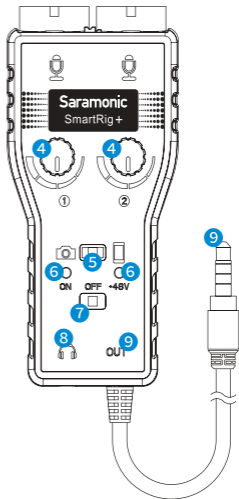
❺ **相机 / 手机模式切换键**

　　开关拨至 🔲 档位：连接至相机。

　　开关拨至 🔲 档位：连接至手机。

❻ **LED 电源指示灯**

　　开启设备：绿灯常亮。

　　开启 48V 幻象电源：红灯和绿灯常亮。

　　低电量：红灯和绿灯变暗。

❼ ON/OFF/+48V 开关切换键（开 / 关 /+48V 幻象电源）

开 / 关档位：开启 / 关闭 SmartRig+ +48V 幻象电源档位：如果接入设备需要 +48V 幻象电源供电，将开关拨至 +48V 档位。(3.5mm 麦克风输入孔不提供幻象电源)
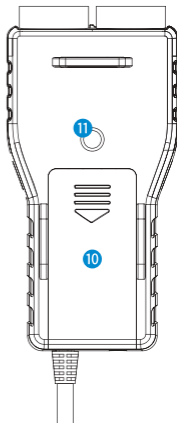
❽ 耳机监听孔

实时监听音频的录制情况。

❾ 输出孔

3.5mm 音频输出接口（连接手机 / 相机端）

❿ 电池仓

放入 9V 锂电池或碱性电池供电。

⓫ 1/4'' 螺丝孔

5. 操作指南

1. 安装 9V 电池，按箭头方向轻轻滑出电池盖，将电池"+"正极端子放入电池盒中的"+"正极指示位置。

2. 将麦克风或吉他连接到 XLR / 6.35mm 通用接口上。

3. 选择使用单声道（M）设置时，信号将被传输到左右两个频道。选择使用立体声（S）设置时，每个通道的音量允许单独调控。

4. 手动调试相机 / 手机模式切换键
   当连接至相机的麦克风输入孔时，请将开关拨至 📷 。当连接至相机的 iOS/ 安卓设备的耳机孔时，请将开关拨至 📱 。

5. 下载支持实时输入 / 输出的录音 APP。实现在录音时监听音频质量。

6. 打开 SmartRig+，将电源开关滑动到 ON 位置。LED 灯会亮起。

7. 如果您的麦克风需要幻象电源供电，请将电源开关拨至 +48V 位置。红灯和绿灯会同时亮起。

8. 如果您需要监听录音情况，请将耳机连接到耳机插孔上。

9. 调试完成，开始录制。调整增益旋钮，获得最佳增益水平。您可以通过 app 检查输入音量。请尽量调高增益并处在合理水平，最大增益可能会导致声音失真。

6. 提示

在使用自供电麦克风时，请勿擅自把开关拨至幻象电源档位，不正确的操作可能会造成损坏。具体操作请参阅麦克风说明书，再进行正确的电源设置。

请在录音时设置好本产品的增益。

增益设置太低收录音量会较小，请勿在 app 内重复设置增益，可能会放大录音底噪。

增益设置太高可能造成失真。

若高增益设置下听到回声，请旋转音量旋钮调节音量。

如果您在监控时听不到声音，请下载支持实时输入 / 输出音频的 app。

7. 适用机型及设备

iPhone, iPad, iPod touch、安卓、相机、摄像机等设备
动圈式 / 铝带式 / 电容式麦克风
带 6.35mm 接口的乐器

8. 包装清单

SmartRig+ × 1
魔术贴 × 1
收纳袋 × 1
用户手册 × 1
保修卡 × 1

For better recording experience, the app-lication **SmartRecorder** is recommended.

为获得更好的录制体验，推荐使用枫笛 Saramonic 自主研发应用软件 **SmartRecorder。**

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