Saramonic®

Two Channel Mic & Guitar
Interface with Lightning Connector
for iOS Devices

Product Introduction

1 General Introductions

The Saramonic SmartRig+ Di is a two channel audio interface. It allows you to connect professional microphones/guitars to record quality sound or create music with your iPhone, iPad and iPod touch.

The Lightning connector allows you to record great stereo sound to your iOS devices.

The SmartRig+ Di 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 levels of each channel separately.
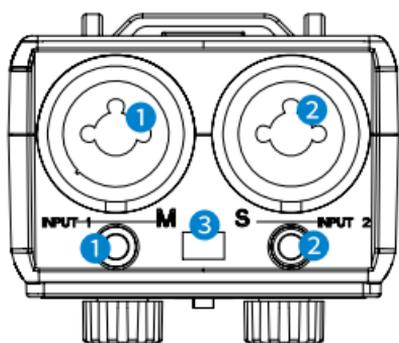
2 Highlights

- Two 1/8'' (3.5mm) mic inputs
- Two XLR mic inputs
- Two 1/4''(6.35mm) guitar inputs
- Lightning output connector
- Mono/Stereo switch (M/S)
- REC/PLAY 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%@1KHZ, -30dBu input
SNR	78 DB @1KHZ,-30dBu input
Sample Rate	44.1Khz or 48khz
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	Lightning connector output cable
Phone Out	1 x 1/8" (3.5mm) jack
Gain	+ 25dBu to - ∞
Phantom Power	48V power supplies
Power Requirements	One 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+ Di.

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.
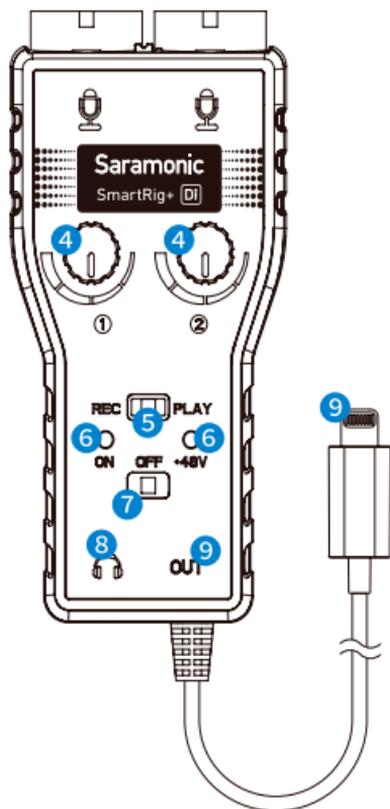
④ **① and ② Control Knobs**
Adjust the signal level of each channel to the optimum recording levels.
Knob ① controls the volume of input group 1 and knob ② is for input group 2.

⑤ **REC/PLAY Switch**
Select REC to monitor audio directly from the microphone or audio sources while recording.
Select PLAY to monitor playback audio from the iOS devices.

6 LED Indicator

When turn on the SmartRig+ Di, 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+ Di.
Select +48V phantom power for microphones that require phantom power to operate.
Please note that only the XLR inputs offer +48V phantom power, the 1/8" (3.5mm) mic inputs do not offer +48V phantom power.
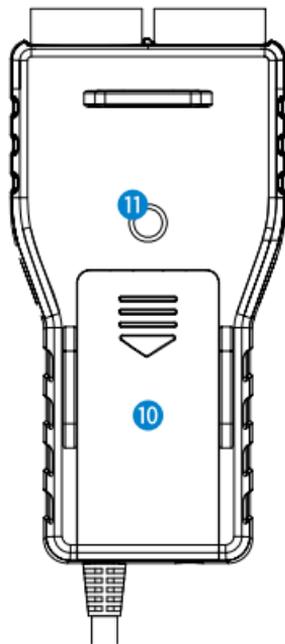
8 Headphone Jack

Monitor the audio.

9 Output

Lightning output cable to iOS devices.

10 Battery Compartment

Operate 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 or other musical instruments 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. Connect the SmartRig+ Di to the lightning interface of your iOS devices.

e. Please download professional recording APP which support real-time input/output pass-through and install them on your iOS device.

f. Turn on the SmartRig+ Di. 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.
Set the REC/PLAY switch
When you need to monitor audio directly from the microphone or audio sources when recording, slide to REC.
When you need to monitor playback audio from the iOS devices, slide to PLAY.

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.

Any types of microphones: Dynamic, Ribbon, or Condenser.

Musical instrument: Guitars or other musical instruments with a 6.35mm input.

8 Packing List

The SmartRig+ Di x1
Velcro Strip x1
User Manual x1
Warranty Card x1