Saramonic®

Handheld Stereo Audio Recorder

SR-Q2

Statement

Please read this manual carefully before using and strictly operate and store in accordance with the instructions. Please save it for your future reference.
If the user manual can not help you to solve certain problems, please ask your retailer for help or email us: **info@saramonic.com.**

Cautions

1. Do not use the unit under water, don't expose it to rain. Please store it in a cool, dry place.
2. Please use and store it in normal temperature. Do not move it from overheated to supercooled condition frequently as well as keep away from heat sources such as heater and oven.
3. When using and storing, please pay attention to dust and moisture.
4. Be careful to violent collision.
5. To avoid acoustical feedback, do not hold the microphone close to the loudspeakers.
6. For the best sound pick-up pattern, do not hold your hand against the microphone head.
7. Remove the batteries from the battery compartment when the device is not used for a long time.

1. General Introduction

The Saramonic SR-Q2 is a handheld audio recorder with a built-in X/Y stereo microphone. The easy-to-read LCD menu display and one-button-recording interface make SR-Q2 very simple to use. Ideal for using in applications such as audio for video, ENG, filmmaking, field recording, music production, podcasting, etc.

The X/Y microphone captures clean stereo sound. The integrated flash recording allows you to record up to 96kHz/16bit. wav audio files to a microSD card of capacity up to 32GB or a microSDXC card of capacity up to 128GB. Separate microphone input and line input jacks provide a multitude of options for attaching a wide range of audio equipment.
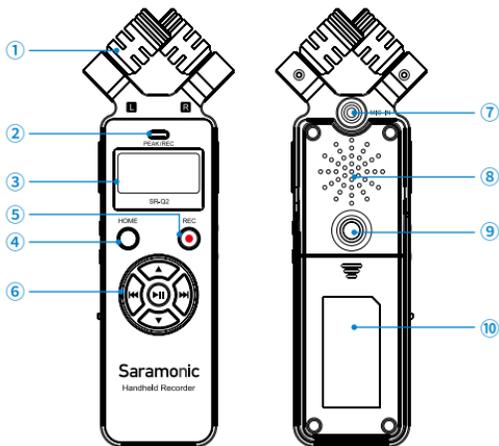
SR-Q2 runs on two AA batteries or it could powered with DC 5V power via its USB port. With audio input level control and real-time headphone monitoring, the SR-Q2 allows you to easily record audio safety at optimum signal.
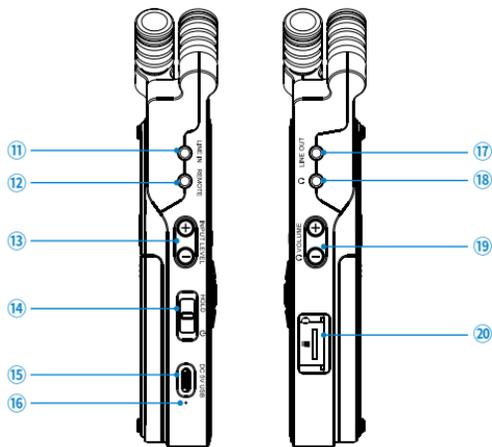
2. Highlights

- Compact and handy operation interface
- X/Y stereo microphone
- Easy-to-read menu and LCD display
- 3.5mm microphone input jack
- 3.5mm line input jack
- Built-in speaker
- Records up to 96kHz/16bit .wav audio files
- Adjustable input level and headphone monitor volume controls
- HOLD function to prevent inadvertent operation
- Powered by two AA batteries or DC 5V USB power

3. Product Structure

① **X/Y stereo microphone**

The X/Y configuration angled 90° to produce realistic stereo image.

② **PEAK/REC LED indicator**

The LED indicator will be in solid red while recording;

The LED indicator will flash in red while signal overload.

③ **LCD screen**

Displays menu, please refer to "6. LCD Screen" for more details.

④ **HOME button**

Back to previous menu or back to the main menu during recording.

⑤ **REC button**

Press the REC button to start recording immediately.

⑥ **Control panel**

Go through menu and select functions or values shown on the display. Refer to "5. Control Buttons Introduction"

⑦ **MICROPHONE IN jack**

A stereo 3.5mm microphone jack.

Plug in 3.5mm stereo TRS microphone.

⑧ **Built-in speaker**

Easily check the playback audio with no delay.

⑨ **1/4" -20 female screw**

⑩ **Battery compartment**

Please refer to "4.1 Install two AA batteries and a memory card."

⑪ **LINE IN jack**

3.5mm line input jack to plug in external audio sources.

⑫ **REMOTE jack**

2.5mm remote jack for connecting the remote control.

⑬ **"+ -" INPUT LEVEL control**

Adjust the level of incoming audio signal.

Press "+" to increase and "-" to decrease.

⑭ **Power & HOLD button**

Power on / off

Slide the power button to ⏻ for 2 seconds to turn on / off.

HOLD
Slide the power button to HOLD to disable all the buttons, preventing inadvertent operation.

⑮ **DC 5V USB port**
Via the USB port and supplied cable, the SR-Q2 can be powered with a USB power bank, USB power supply, computer and more.

⑯ **DC power indicator**
The LED indicator will turn green while recorder is being powered by the DC 5V.

⑰ **LINE OUT jack**
A 3.5mm stereo output jack.
Output audio to devices like DSLRs, mirrorless cameras, video cameras, etc.

⑱ **Headphone jack**
A 3.5mm stereo headphone jack. Connect headphones to monitor the audio output.

⑲ **Headphone volume control**
Press "+/-" to adjust the headphone volume to optimum level.

⑳ **Micro SD card slot**
Please refer to "4.1 Install two AA batteries and a memory card."

4. Quick Setup Guide

4.1 Install two AA batteries and a memory card
• Pull off the cover of the card slot, insert a MicroSD or MicroSDXC memory card into the card slot with the contacts facing up.

To remove: Press the card to unlock it, then pull it out from the card slot.

• Gently slide out the battery cover at the back of the unit. Insert the battery with the "+" positive terminal lined up with the "+" indicator on the battery compartment.

Note: The recording file will be saved automatically if the batteries run out.

4.2 You could record with the built-in X/Y microphone, or you could connect an external 3.5mm microphone to the MIC IN jack, or any line level audio source to the LINE IN jack.

Please note that only one input signal could be recorded at one time, the sequence priority is LINE IN, MIC IN, built-in X/Y microphone.

4.3 Plug headphones into the headphone output to monitor the audio.

The audio can be monitored only on recording screen and playback screen.

4.4 Slide the power button to ⏻ for 2 seconds until the Saramonic startup screen appears, and the SR-Q2 is powered on. System default is on recording screen once powered on.
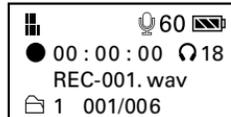
Note: If the unit isn't in use for long time, the real-time-clock battery can run out. It will automatically enter to the "Date&Time" setting menu once powered on. Please set the time and date before use.
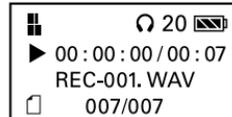
5. Control Buttons Introduction

Control Button	On Recording Screen	On Recording Screen Standby/Pause	On Playback Screen	On Main Menu	On Submenu	On Popup menu
◄	-------	-------	-------	Scroll up	• Scroll up • Change parameters only on SYSTEM SET menu	-------
►	-------	-------	-------	Scroll down	• Scroll down • Change parameters only on SYSTEM SET menu	-------
⯆	-------	-------	Playback last audio file	-------	• Back to parent menu • Scroll left	Scroll and Select
⯅	-------	-------	Playback next audio file	Enter submenu	• Enter submenu • Scroll right • When it is certain file name, enter delete option	Scroll and Select
⯅̲	-------	Save and play the last file	Start/Pause playback	Enter submenu	• Enter submenu • Playback when it is certain file name	Confirm setting

4

Control Button	On Recording Screen	On Recording Screen Standby/Pause	On Playback Screen	On Main Menu	On Submenu	On Popup menu
REC (short press)	Pause recording	Start / restart recording	Back to recording standby screen	Back to recording standby screen	Back to recording standby screen	......
REC (long press)	Stop recording and save the file	Stop recording and save the file	......	......	......	......
HOME	......	Save the current file and back to main menu	Enter present file folder	......	Back to parent menu	Exit

6. LCD Screen

Recording Screen

Playback Screen

🔋	Power indicator
🎤 60	Microphone gain volume (from 1 to 60)
Ω 20	Headphone monitor volume (from 1 to 30)
▥	Level meter
00 : 00 : 00	Elapsed time. This shows the elapsed time (hours: minutes: seconds) of the current file. You can set the maximum elapsed time of every audio file in the "REC SET"
00 : 00 : 00 / 00 : 07	Elapsed time / total time of playback. This shows the elapsed time (hours: minutes: seconds) / total time (minutes:seconds) of the current playback file.
001/006 007/007	Current file name / total number of saved files in current folder.
📁 1	Folder name.

Note: SR-Q2 will automatically create a maximum of 9 folders. Folder names FOLDER01-FOLDER09. Each folder can accommodate 200 wav files. File names REC-001.WAV - REC-200.WAV.

For example: The screen shows you are recording: No.001 .wav file. The .wav file will be stored in FOLDER01.

Recording/playback symbol:

■	Recording standby
▶❙❙	Recording/playback pause
●	Recording
▶	Playback

7. Operating Menu

Main Menu	Sub Menu	Sub Menu
1 FILE	FOLDER01	REC-001.WAV
2 REC SET	File Limit	30 minutes 60 minutes 90 minutes 120 minutes
	Sample Rate	44.1kHz/16bit 44.1kHz/24bit 48kHz/16bit 48kHz/24bit 88.2kHz/16bit 96kHz/16bit
3 SD CARD	Total:***MB Remain:***MB Format SD	
4 PLAY MODE	Play 1 File Repeat 1 File Play Folder Repeat Folder	
5 SYSTEM SET	Date & Time	
	LCD Backlight	Always On Always Off 5 seconds 10 seconds 15 seconds 30 seconds
	LCD Contrast	1-2-3-4-5
	Version	
	Factory Reset	No/Yes
	Battery Type	Ni-MH Alkaline

Menu Introduction

(1) FILE: Press Play button ▶|| to browse all recorded files.
FOLDER01: Folder name.
REC-001.wav: File name.
Delete File: Select a file and press ▶▶| enter delete option.
Press left |◀◀ or right ▶▶| button to choose "Yes" or "No", then press ▶|| to confirm.
If one file is deleted, the name of remaining files will not be changed, and the next recording file will be named the same as the deleted one.

> **Note:** Once audio files have been deleted, they cannot be recovered .

(2) REC SET: Set recording parameter.
File Limit: Set maximum elapsed time limit.
For Example: If you set file limit up to 30 minutes, a 90 minutes' recording will be divided into 3 separate .wav files. Default setting is 60 minutes.
Sample Rate: Set sample rate.
Default setting is 44.1kHz/16bit.
The higher the rate you set, the shorter the maximum record time your MicroSD card will accommodate.

Recording Time (hour)

	8GB	16GB	32GB	64GB	128GB
96kHz/16bit	5 hrs	11 hrs	22 hrs	45 hrs	90 hrs
88.2kHz/16bit	6 hrs	12 hrs	24 hrs	49 hrs	98 hrs
48kHz/24bit	7 hrs	15 hrs	30 hrs	60 hrs	120 hrs
48kHz/16bit	11 hrs	22 hrs	45 hrs	90 hrs	180 hrs
44.1kHz/24bit	8 hrs	16 hrs	32 hrs	65 hrs	130 hrs
44.1kHz/16bit	12 hrs	24 hrs	49 hrs	98 hrs	196 hrs

(3) SD CARD
Total: Total memory storage.
Remain: Remain memory storage.
Format SD: Format SD card will erase all data.
Please always format new memory cards in the device before use.

(4) PLAY MODE
Play 1 File: Play one selected .wav file for one time.
Repeat 1 File: Play one selected .wav file repeatedly.
Play Folder: Play .wav files in order of file name of present folder.
Repeat Folder: Play all .wav files of present folder in repeatedly.

(5) SYSTEM SET
Date & Time: Set the date and time so that all files will include a time-stamp when exported.
LCD Backlight: Set background LCD light.
Select LCD backlight on, off or delay 5/10/15/30 seconds. Default setting is 30 seconds.
LCD Contrast: Set LCD contrast.
Set LCD screen contrast from 1 to 5. In LCD contrast screen, press ◀◀ or ▶▶ to adjust contrast level. Then press ▶|| to confirm and exit.
Version: Version of the SR-Q2.
Factory Reset: Restore factory settings.
Battery Type: Set the battery type for precise power indication. Select Ni-MH or Alkaline.
Default setting is Alkaline.

8. Specification

Recording channel	2
Recovery channel	2
Recording format	.WAV (44.1kHz/16bit, 44.1kHz/24bit, 48kHz/16bit , 48kHz/24bit, 88.2kHz/16bit, 96kHz/16bit)
Playback format	.WAV (44.1kHz/16bit, 44.1kHz/24bit, 48kHz/16bit, 48kHz/24bit, 88.2kHz/16bit, 96kHz/16bit)
A/D conversion	24-bit, 128x oversampling
D/A conversion	24-bit, 128x oversampling
Signal processing	32-bit
Recording media	Micro SD card (8-32GB) MicroSDXC (64-128GB)
LCD	LCD 128*64 (with light)
Built-in stereo mic	90° X/Y stereo configuration Unidirectional condenser
Gain	0 to +45dB
Minimum gain with digital attenuation	-30dB
Microphone Input	3.5mm (1/8") Stereo Microphone Input
Line Input	3.5mm (1/8") Line Level Input
Input level	0 to -45dB
Output impedance	2 kΩ
Line output	3.5mm (1/8) stereo jack
Output load impedance	10 kΩ or more
Rated output level	-10dBm
Headphone output level	20mW + 20mW into 32Ω load
Built-in Speaker	1W 8Ω
USB jack	Type-C
Power required	LR6 or Ni-MH AA battery X 2 USB DC 5V
Recording hours	Alkaline Battery 13.5 hours under 96kHz/16bit (wav) 19.5 hours under 44.1kHz/16bit (wav)
Weight	116g (4.1oz.)
Dimension	60 (W) x 167 (D) x 30 (H) mm

9. Packing List

The SR-Q2
Micro SD card (8G)
USB cable
Foam windscreen
Furry windscreen
Hanging strap
Storage bag
User manual
Warranty card