

# Saramonic

Supercardioid Shotgun Microphone  
超心形枪式麦克风

**Saramonic SG MIC**

User Manual  
用户手册

## Statement

Please read this manual carefully before using the product and strictly operate & store it in accordance with the instructions. Please save the manual for your future reference. If you need further assistance than the user manual, please consult your retailer for help or email us: support@saramonic.com.

## Cautions

1. Non-professionals are strictly prohibited from disassembling this unit on their own.
2. Please keep it away from heat sources such as radiators or spotlights.
3. Please clean the unit with only a soft, dry cloth.
4. When using and storing, please keep away from dust and moisture.
5. For the best pick-up pattern, do not hold your hand against the microphone capsule cover.

## Introduction

The Saramonic SG MIC is a professional supercardioid shotgun microphone that delivers clear, detailed audio with a full frequency response for film production, dialog, ENG, sound effects, field production and other professional video applications. Its focused directional pickup, off-axis rejection, tailored frequency response and sensitivity are specially designed to increase the intelligibility of dialogue.

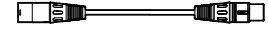
## Highlights

- Highly directional supercardioid polar pattern
- 80 dB SNR and 128 dB max SPL deliver lossless audio
- Operates reliably from -20°C to 50°C
- Rugged all-brass body for durability and RF resistance
- Includes windscreen and XLR cable for instant setup.

## Packing List



Saramonic SG MIC Microphone



23.6'' (60cm) XLR Male to Female Cable

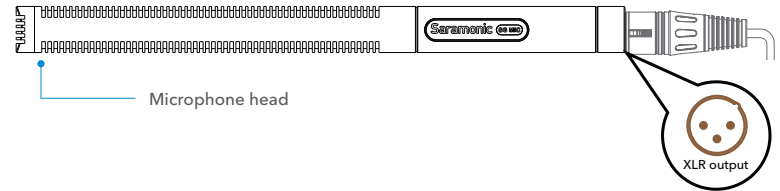


Mic Clip



Foam Windscreen

## Product Structure



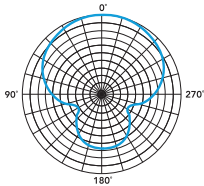
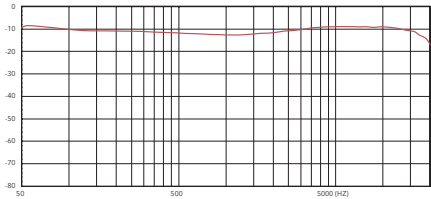
## Power Supply

The Saramonic SG MIC can be powered via 48V phantom power supplied by your camera, recording device or mixer (such as the Saramonic SR-PAX1, SmartRig+, SmartRig II and SR-AX107).

Specifications

|                             |                                                                             |
|-----------------------------|-----------------------------------------------------------------------------|
| Frequency Response          | 20-20kHz                                                                    |
| Acoustic Principle          | Condenser                                                                   |
| Polar Pattern               | Supercardioid                                                               |
| Sensitivity                 | -37dB, f=1kHz, S.P.L=1PA, 0dB=1V/PA                                         |
| Output Impedence            | 100Ω                                                                        |
| SPL                         | 128dB SPL                                                                   |
| Signal-to-Noise Ratio       | 80dB                                                                        |
| Power Requirement           | 48V Phantom Power                                                           |
| Power Consumption           | 4.5mA                                                                       |
| Operating Temperature Range | -20°C~50°C (-4°F~122°F)                                                     |
| Storage Temperature         | 0°C~40°C (32°F~104°F)                                                       |
| Output Connection           | 3-pin XLR , balanced output between Pin 2 (+), Pin 3 (-) and Pin 1 (ground) |
| Dimensions                  | φ 19*252mm (0.75"*9.9")                                                     |
| Weight                      | 203g (7.2 oz)                                                               |

Polar Pattern



声明

请在使用前仔细阅读本手册，并严格按照说明进行操作和存储。请妥善保存好说明书以供将来参考。如果用户手册不能帮助您解决某些问题， 请向零售商寻求帮助或给我们发送电子邮件：support@saramonic.com。

注意事项

- 1.请勿擅自拆开机壳；
- 2.请勿将本机靠近热源，如散热器、聚光灯或其他产生热量的设备。
- 3.请使用柔软的干布清洁本设备。
- 4.在使用和储存时， 请注意防尘和防潮。
- 5.为获得最佳拾音效果， 请勿将手放在麦克风咪头上。

概述

枫笛Saramonic SG MIC是一款专业超心形枪管式麦克风，提供清晰音质，非常适用于电影、电视、新闻采访等室外场景。

特点

- 超心形指向， 高度定向拾音
- 80 dB高信噪比与128 dB最大声压级， 声音纯净自然
- 适应-20 °C至50 °C， 稳定应对极端环境
- 坚固全黄铜机身， 耐用抗干扰
- 附带防风海绵与卡农线， 录音装备一步到位

包装清单



Saramonic SG MIC 麦克风



60cm XLR公转母音频线

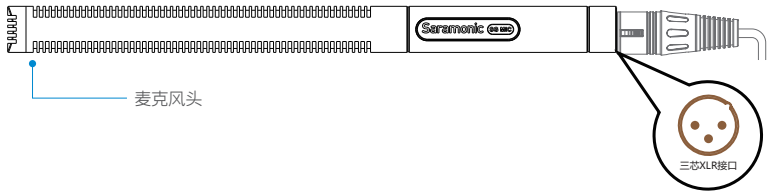


麦克风支架



防风棉

产品结构



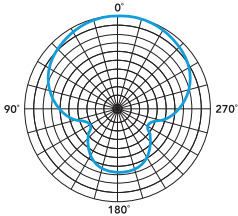
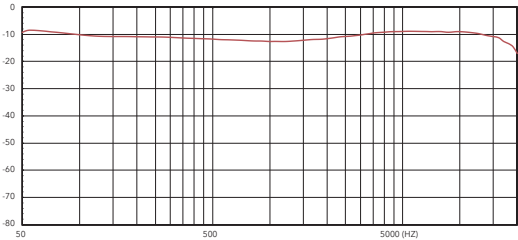
电源

Saramonic SG MIC可通过相机、录音设备、混音器等外部设备提供的48V幻象电源进行工作。

参数

|       |                                     |
|-------|-------------------------------------|
| 频率响应  | 20-20kHz                            |
| 声学原理  | 电容麦克风                               |
| 拾音模式  | 超心形                                 |
| 灵敏度   | -37dB, f=1kHz, S.P.L=1PA, 0dB=1V/PA |
| 输出阻抗  | 100Ω                                |
| 最大声压值 | 128dB SPL                           |
| 信噪比   | 80dB                                |
| 电源    | 48V幻象电源供电                           |
| 功耗    | 4.5mA                               |
| 操作温度  | -20℃~50℃ (-4℉~122℉)                 |
| 贮存温度  | 0℃~40℃ (32℉~104℉)                   |
| 输出接口  | 三芯XLR 输出接口                          |
| 尺寸    | φ 19*252mm                          |
| 重量    | 203g                                |

极性模式





For better recording experience, the application **Saramonic System** 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 **Saramonic System**。



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深圳市长丰影像器材有限公司

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✉ [support@saramonic.com](mailto:support@saramonic.com)

| JIAYZ 长丰   深圳市长丰影像器材有限公司 |              |       |                |    |     |
|--------------------------|--------------|-------|----------------|----|-----|
| 产品/零件名称                  | SR-SG MIC说明书 | 比例    | 1 : 1          | 版本 | V01 |
| 工程图号                     | SR-SG MIC说明书 | 物料描述  | 80克韦纸 骑马钉 P8   |    |     |
| 物料编号                     | 1F0300400636 | 尺寸/用量 | 120x168mm 1PCS |    |     |
| 是否需要承认书                  | 是            | 正负公差  | 0mm            |    |     |
| 初图人/日期                   | 贾磊/2025.11.3 |       |                |    |     |

| 修改名称 | 版本  | 变更内容 | 变更日期      | 变更担当 |
|------|-----|------|-----------|------|
|      | V01 | 首次发行 | 2025.11.3 |      |
|      |     |      |           |      |
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