

**COMICA**  
PROFESSIONAL AUDIO EQUIPMENT

## LIGHTNING INTERFACE MICROPHONE



User Manual



## Foreword

Thanks for purchasing Comica CVM-VS09 MI Lightning Interface Microphone.

To ensure bring you a good using experience, please read this manual book carefully before using and correctly install and operate.

## Notice

- ⚠ The product may be incompatible with part of iOS system devices as there are too many different versions
- ⚠ When using the playback recording function with devices of iOS system, it can not achieve it due to the protection of the iOS system if the volume of the device is adjusted to the maximum before monitoring, you need to readjust the volume of the device to realize playback recording (It is recommended that the headphone volume is not adjusted to the maximum)
- ⚠ In the course of use, please set the smartphone to Flight Mode to avoid any interference
- ⚠ Do not use this equipment in the vicinity of heat source or interference source, such as radiator, oven, refrigerator or air conditioner, smartphone or next to the WIFI AP
- ⚠ This product belongs to high-precision instruments, please avoid falling, collision or pounding
- ⚠ Do not use the equipment in rain or in a damp environment to avoid short-circuit danger

## Main Features

- . Specially Designed for Devices with Lightning Interface
- . 44.1KHz/48KHz 16bit Digital Mic, Superior Audio Quality and Low Noise
- . 180 Degree Rotation, Flexibly Used for Multiple Scenes
- . Muting Function and Support Real-time Monitor
- . High-density Windscreen, Effectively Filter the Wind Noise
- . Cardioid Directional, Accurately Pickup

## Package List



Body of Microphone



Mic Windscreen



Hand Bag



User Manual

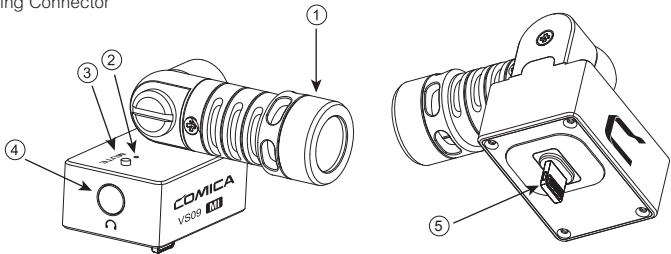


Warranty Card

## Components

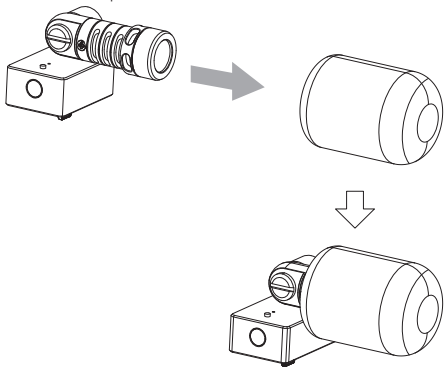
### Microphone

- ① Mic Capsule
- ② Work Indicator Light
- ③ Muting Button
- ④ 3.5mm TRS/TRRS Monitoring Jack
- ⑤ Lightning Connector

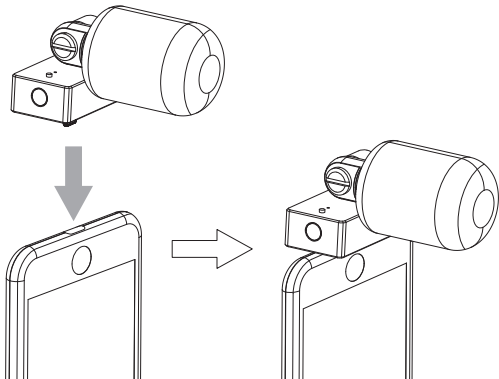


## Installation and Use

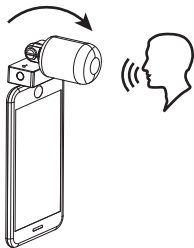
1. Install the windscreen to microphone



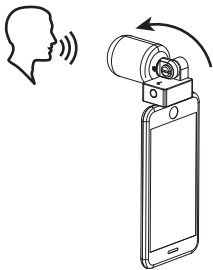
2. Install the microphone onto the phone



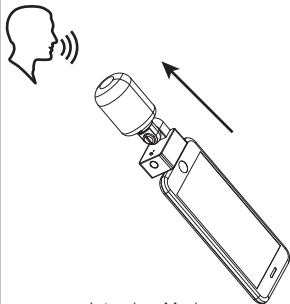
### 3. Rotate the microphone for different usage scenarios and angles



Self-recording Mode



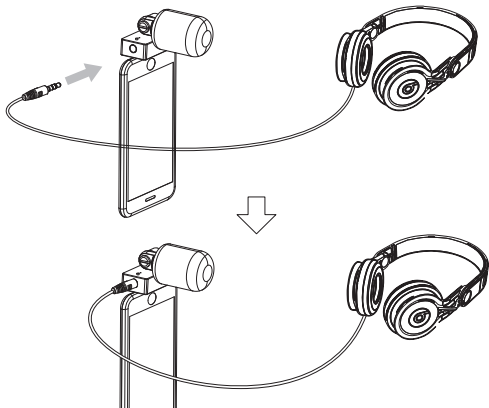
Recording Mode



Interview Mode



4. Insert the earphone into the 3.5mm TRS/TRRS monitoring jack, then you can real-time monitor

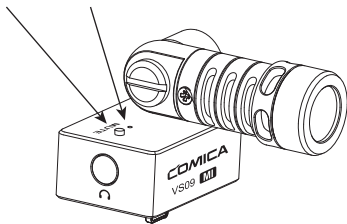


## 5. Muting Function

Switch Muting Mode by pressing Muting Button. When in normal recording mode, the indicator light turns green; When in muting mode, the indicator light turns red.

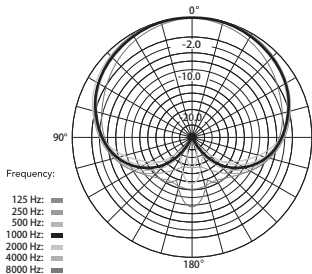
When replaying recorded audio or video with phone, muting mode should be turned on to avoid the influence of microphone real-time sound

Microphone Muting Button      Work Indicator Light

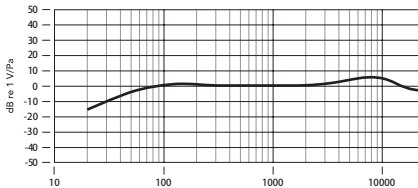


# Specification

## Polar Pattern



## Frequency Response



## Technology Parameter:

|                      |                 |
|----------------------|-----------------|
| Polar Pattern        | Cardioid        |
| Frequency Response   | 60Hz~20kHz      |
| Signal/Noise         | >70dB           |
| Max SPL              | >100dB          |
| Output Interface     | Lightning       |
| Monitoring Interface | 3.5mm TRS/TRRS  |
| OS Requirements      | iOS 10 or Above |
| Dimension            | 38x71x53mm      |
| Net Weight           | 36g             |
| Working Temperature  | 0°C~50°C        |

# Lightning接口专用麦克风



用户使用手册



## 前 言

感谢您购买科唛CVM-VS09 MI Lightning接口专用麦克风。  
为保证产品的顺畅使用，请在使用前严格阅读本说明书，并正确组装及操作。

## 注意事项

- ⚠ 由于iOS系统存在多种版本，可能会有少部分手机出现不兼容情况
- ⚠ 搭配iOS系统设备使用回放监听功能时，如耳机音量在监听前被调至最大，由于iOS系统的保护机制，会导致监听无输出，此时重新调整耳机音量大小即可。（建议耳机音量不要调至最大）
- ⚠ 使用过程中，请尽可能将手机设置为飞行模式，以避免手机信号干扰
- ⚠ 请勿将本设备放置在热源或干扰源附近使用，如散热器、烤箱、冰箱、空调、手机和WIFI热点旁边
- ⚠ 本产品属于高精密仪器类产品，请避免使用时掉落、碰撞或重击
- ⚠ 请勿在下雨或潮湿环境环境中使用，否则会有短路的危险

## 产品主要功能

- 专用于Lightning接口设备
- 44.1KHz/48KHz 16bit数字麦克风，高保真、低底噪
- 180度旋转，灵活运用于多种拍摄场景
- 一键静音功能，支持实时监听
- 高密度防风棉，可有效取代防风毛滤除风噪
- 心型指向，精确拾音

## 包装清单



麦克风主体



防风棉



便携袋



说明书



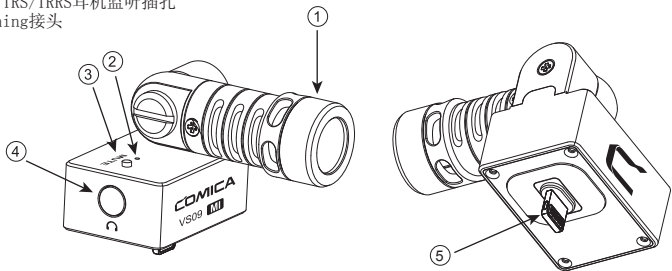
保修卡



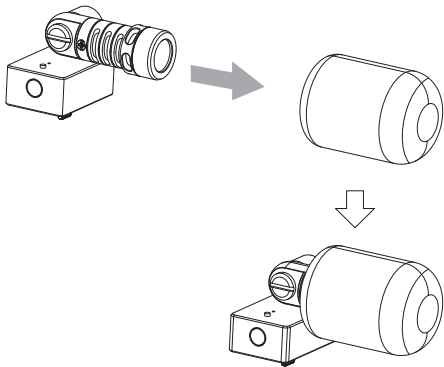
## 部件介绍及说明

### 麦克风

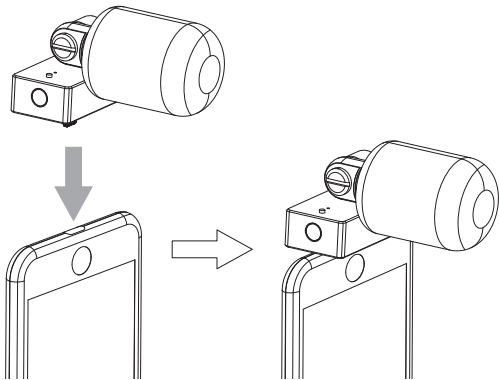
- ① 拾音头
- ② 工作指示灯
- ③ 麦克风静音按钮
- ④ 3.5mm TRS/TRRS耳机监听插孔
- ⑤ Lightning接头



### 1. 把防风棉安装到麦克风主体上



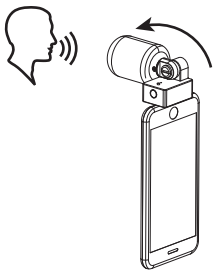
## 2. 把麦克风主体安装到手机上



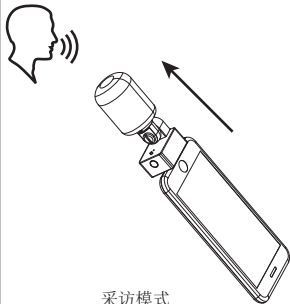
3. 把麦克风转到适当的角度以便适应不同使用场景



自录音模式

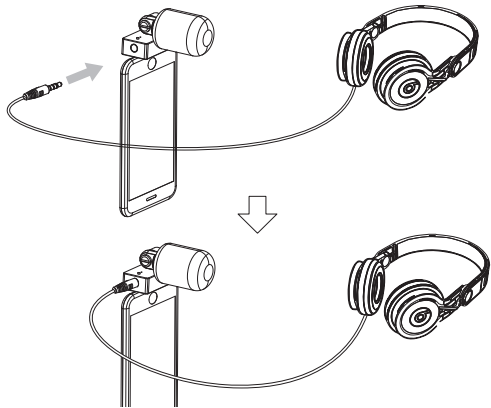


对外录音模式



采访模式

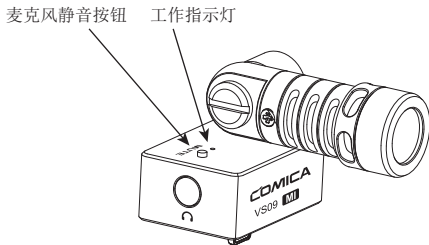
4. 把耳机插进耳机监听插孔即可实时监听



## 5. 静音功能使用:

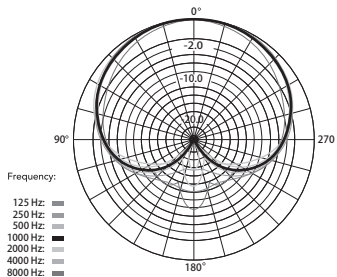
使用麦克风静音按钮切换静音功能，正常录音状态下工作指示灯呈绿色；静音状态下麦克风静音，工作指示灯呈红色；

当用手机回放录制好的音频或视频时，应开启麦克风静音模式，避免麦克风实时声音的影响

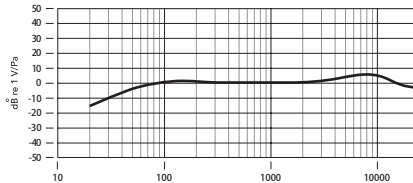


# 技术规格

## 指向图



## 频响图



## 性能参数

|       |                |
|-------|----------------|
| 指向性   | 心型             |
| 频响    | 60Hz~20kHz     |
| 信噪比   | >70dB          |
| 最大声压级 | >100dB         |
| 输出接口  | Lightning      |
| 监听接口  | 3.5mm TRS/TRRS |
| 操作系统  | iOS 10或以上      |
| 尺寸    | 38x71x53mm     |
| 净重    | 36g            |
| 工作温度  | 0°C~50°C       |











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