



Super-Cardioid    10dB Sensitivity Adjusting    Low Self-noise    Super Anti-interference    Aluminum Alloy Made

**Directional Condenser Shotgun Video Microphone**    **CVM-V20**  
USER MANUAL **EN**

## Foreword

Thanks for purchasing CoMica '100% metal' professional cardioid Video Microphone CVM-V20, it is one delicate and cardioid Mic which is fully made of Aluminum and comes with super anti-interference function; Designed with the double internal Mics, it can assist your camera, camcorder or phone for professional video recording to make it to broadcasting level!

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## Notice

- ▲ After turn on, the LED indicator turns red for 1 second and then go off for saving power;
- ▲ The LED indicator will turn and keep red when the battery is low;
- ▲ Please don't put the device besides the heat or interference source, Like radiator, Roaster or Air-condition, etc;
- ▲ The item is belong to high-accurate tooling for audio recording, please avoid any dropping or collision during usage;
- ▲ Please keep this product in the dry environment;
- ▲ Do not expose this device in rain or moist environment.

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## In the Box List



Mic Body



Mic Windscreen



CR2032 Coin Battery

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## Components



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## Operation

### 1. Installation



As above illustration, install the Mic onto device via cold-shoe; Connect the 3.5mm audio cable onto device; Choose the windscreen according to your own requirement.

### 2. Function

2.1 For Camera or Camcorder

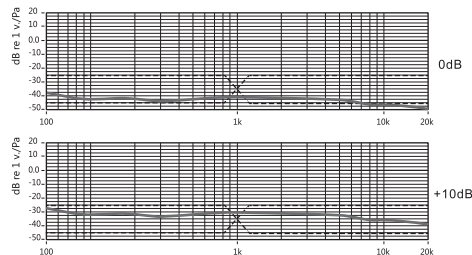
2.2 For Smartphone



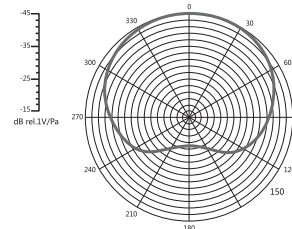
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## Specification

### 1. Frequency Response



### 2. Polar Pattern



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## Specification

### 3. Technology Parameters

Transducer Principle	Back Electronic Condenser
Polar Pattern	Super Cardioid
Max. SPL	≥120dB
Frequency Range	100-12KHZ
THD	≤1%
Output Impedance	680Ω±30%Ω
Dynamic Range	120 dB
Sensitivity	-28 dB/-38 dB ±3 dB
Signal to Noise Ratio	≥55 dB
Battery Duration	60 hours
Voltage	3V
Weight	92g
Dimension	133mm(L)*29.7mm(D)*64.3mm(H)

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超心型指向    10dB 灵敏度可调    低底噪    超强抗干扰    全金属制造

**超心型指向  
电容式麦克风**

**CVM-V20**  
使用说明书 **中文**

**前言**

感谢您购买‘科唛COMICA’全金属心形指向麦克风CVM-V20，本产品是一款全金属专业级麦克风，设计精巧美观，具有优秀的屏蔽抗干扰能力；搭配优质双咪头设计，可辅助相机、摄像机或手机进行视频录制并达到专业级视听效果，让您的设备发挥超常的广电级能量！

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**注意事项**

- ▲ 开机后，指示灯瞬间变为红色，然后熄灭进入节电模式；
- ▲ 低电压时，指示灯红灯常亮；
- ▲ 请勿将本设备放置于热源或干扰源附近使用，如散热器、烤箱或冰箱空调旁边；
- ▲ 本产品属于高精密录音设备产品，请避免使用时掉落、碰撞或重击；
- ▲ 请在干燥环境中对该产品进行保存；
- ▲ 不要在雨中或潮湿的环境中使用该设备，否则会有短路的危险。

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**物品清单**



麦克风主体



麦克风防风棉



CR2032纽扣电池

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**产品部件图**



4

**操作说明**

**1、安装**



如上图所示，将麦克风通过冷靴固定座固定于相机、摄像机或手机支架上；将音频输出线连接至相机、摄像机或手机上；根据当前的环境状态自行选择防风棉。

**2、功能使用**

**2.1 用于相机或摄像机**



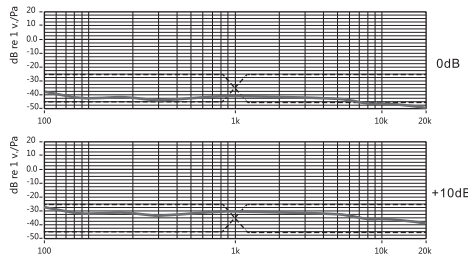
**2.2 用于手机**



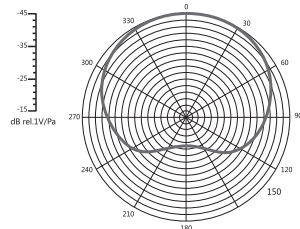
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**规格参数**

**1、频率响应**



**2、极性图**



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**规格参数**

**3、性能参数**

单体	背极式
指向性	心型
最大 SPL	≥120dB
频响范围	100HZ ~ 12KHZ
谐波失真THD	≤1%
输出阻抗	680Ω ±30%Ω
动态范围	≥120 dB
灵敏度	-28dB/-38dB±3dB
信噪比	≥55 dB
电池使用时间	60小时
电压	3V
产品重量	92g
产品尺寸	133mm(L)*29.7mm(D)*64.3mm(H)

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