

# VM10-K2 **PRO**

Multi-functional Smartphone Video Kit

User Manual



## Foreword

Thanks for purchasing VM10-K2 PRO

## Main Features

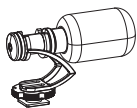
- . Support Horizontal and Vertical Shooting
- . 360°Adjustable Rotation, Stable and Convenient
- . Cardioid Pattern Professional Microphone Video Kit
- . Versatile Smartphone Clamp with Built-in Cold Shoe, Extendable and Flexible
- . CNC Processing, Solid and Durable

## Notice

- ⚠ Do not use this equipment in the vicinity of heat source or interference source
- ⚠ 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

## Packing List

1. Microphone
2. Smartphone Holder
3. Ball Head
4. Tripod
5. 3.5mm TRS -TRRS Audio Cable
6. 3.5mm TRS-USB C Audio Cable
7. Wind Muff
8. Carrying Pouch
9. User Manual
10. Warranty Card



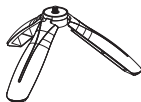
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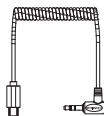
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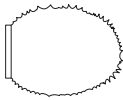
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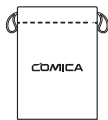
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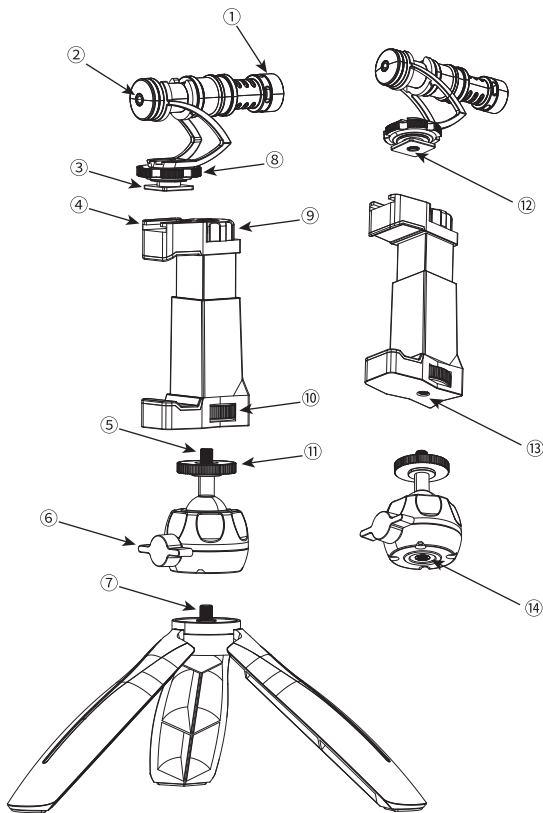
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## Components Introduction

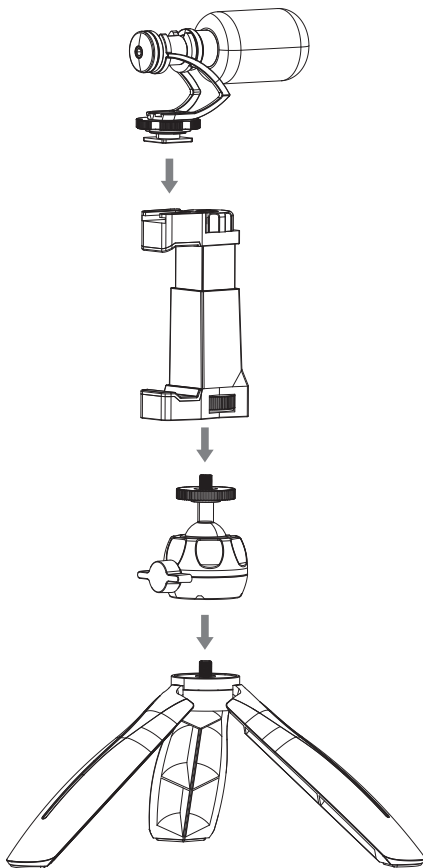
1. Mic Capsule
2. 3.5mm TRS Audio Output Port
3. Cold Shoe Mount
4. Cold Shoe
5. 1/4 Male Screw
6. Lever
7. 1/4 Male Screw
8. Microphone Locking Plate
9. Height Adjustment Locking Plate
10. Smartphone Holder Locking Plate
11. Ball Head Locking Plate
12. 1/4 Threaded Hole
13. 1/4 Threaded Hole
14. 1/4 Threaded Hole



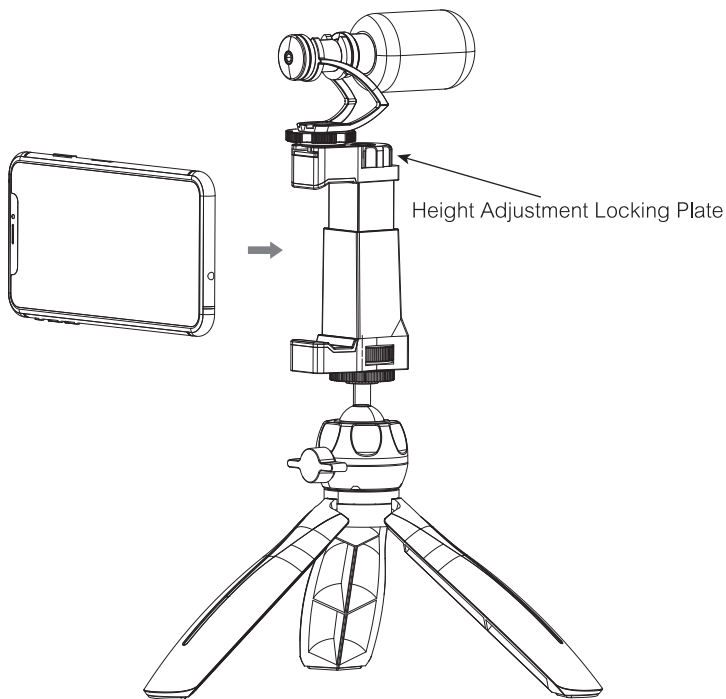
1. Put the ball head into the tripod through the 1/4 threaded hole and tighten it

Install the smartphone holder on the ball head through the 1/4 threaded hole, then tighten it through the smartphone holder locking plate and ball head locking plate

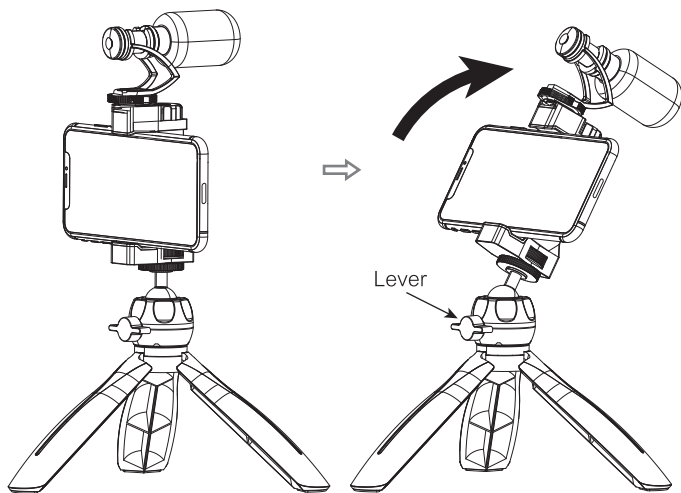
Insert the microphone's cold shoe mount into the cold shoe, and then tighten the microphone locking plate to fix it



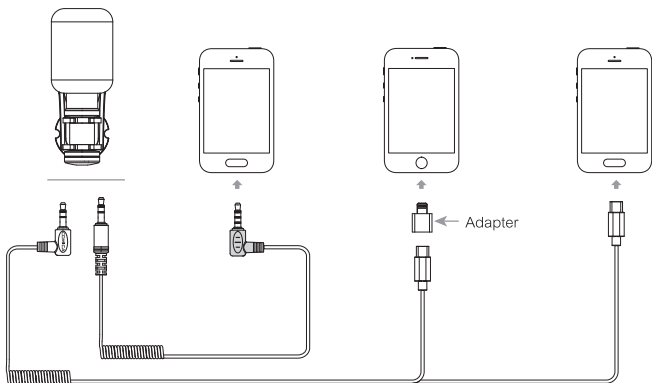
2. Adjust the phone holder to an appropriate height through the height adjustment locking plate, then install the phone and fix it



3. You can adjust the use angle of smartphone holder by lever of the ball head



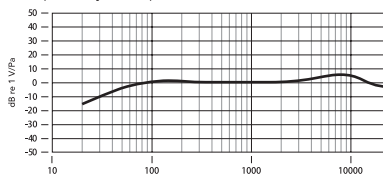
4. Connect the microphone with smartphone for audio output by 3.5mm TRS-TRRS or TRS-USB C audio cable



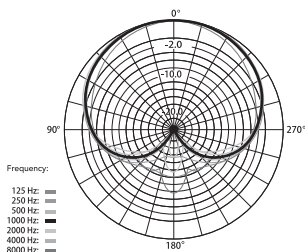


## Microphone

### 1. Frequency Response



### 2. Polar Pattern



### 3. Technology Parameters

Polar Pattern	Cardioid
Frequency Response	60Hz~20kHz
S/N	75dB
Equivalent Noise	19dBA
Maximum SPL	130dB
Dynamic Range	111dB
Sensitivity	-33dB±2dB
Working voltage	1V~5V DC
Output Interface	3.5mm TRS
Dimension	Φ 21mm x 85mm
Net Weight	35g
Operating Temperature	0~50 C
Storage Temperature	-20 C ~ 60 C

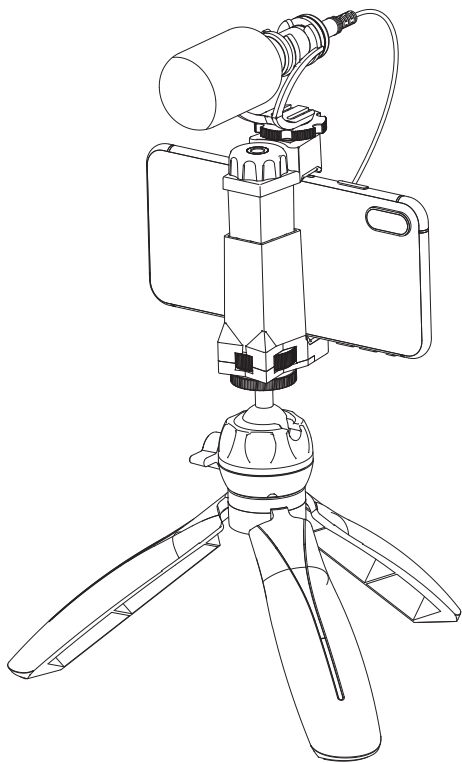


Website: [comica-audio.com](http://comica-audio.com)

Facebook: Comica Audio Tech Global

Instagram: Comica Audio

YouTube: Comica Audio



**VM10-K2** PRO  
多功能手机拍摄套装

产品使用说明书



## 前言

感谢您购买科唛 VM10-K2 PRO

## 产品主要功能

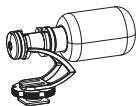
- 支持手机横竖拍任意模式
- 云台可360度旋转，稳固牢靠
- 心型指向专业麦克风音视频套装
- 内置冷靴接口多功能手机夹，延展性强
- 全金属CNC加工而成，稳固耐用

## 注意事项

- ⚠ 使用时请远离热源或干扰源
- ⚠ 使用时请避免掉落，碰撞或重击
- ⚠ 请勿在下雨或潮湿环境中使用，否则会有短路的危险

## 包装清单

1. 麦克风
2. 手机夹
3. 云台
4. 三脚架
5. 3.5m TRS-TRRS音频连接线
6. 3.5mm TRS-USB C音频连接线
7. 防风毛
8. 便携袋
9. 说明书
10. 保修卡



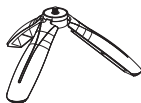
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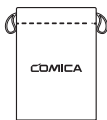
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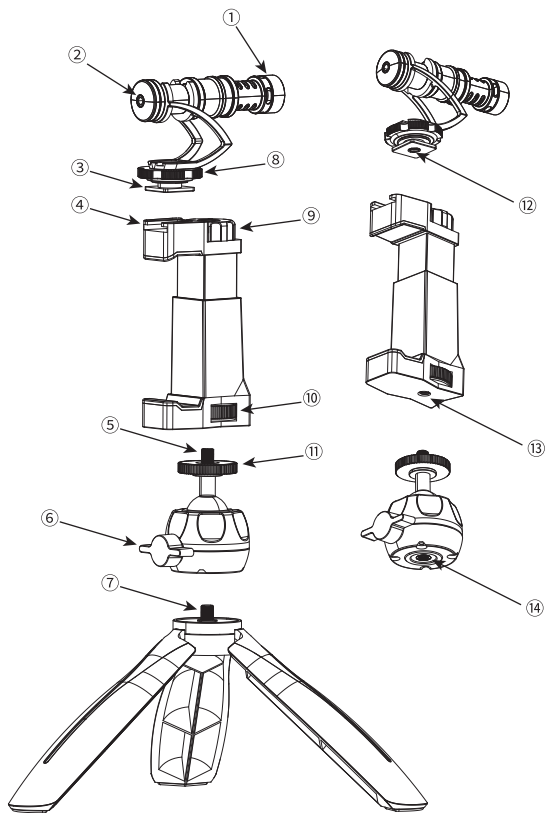
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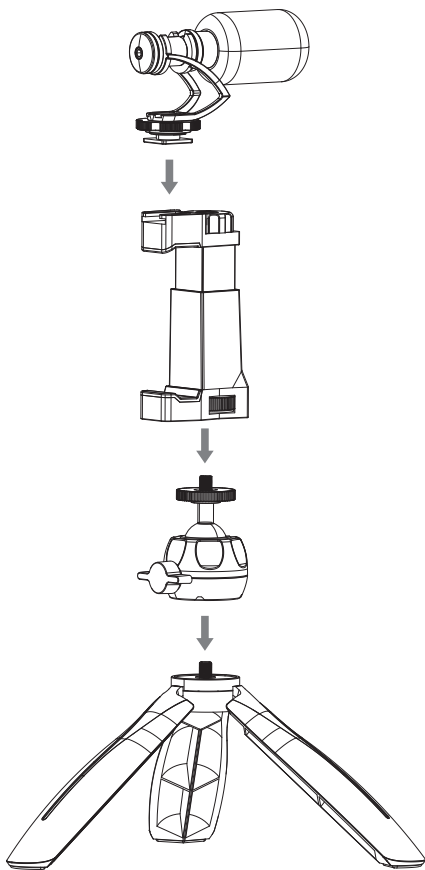
## 部件介绍及说明

1. 拾音头
2. 3.5mm TRS音频输出插口
3. 冷靴座
4. 冷靴
5. 1/4螺纹接头
6. 方向锁紧旋钮
7. 1/4螺纹接头
8. 麦克风锁紧螺盘
9. 手机夹高度调整螺盘
10. 手机夹锁紧螺盘
11. 云台锁紧螺盘
12. 1/4螺纹孔
13. 1/4螺纹孔
14. 1/4螺纹孔

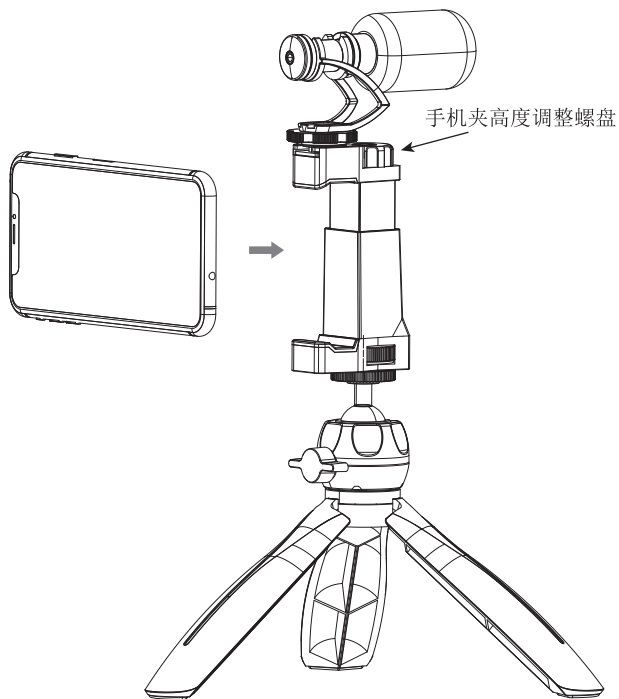


## 安装方法

1. 把云台通过1/4螺纹孔装入三脚架并拧紧；  
把手机夹通过1/4螺纹孔装入云台，再通过手机夹锁紧螺盘与云台锁紧螺盘拧紧固定；  
把麦克风冷靴座插入手机夹冷靴，再通过麦克风锁紧螺盘拧紧固定

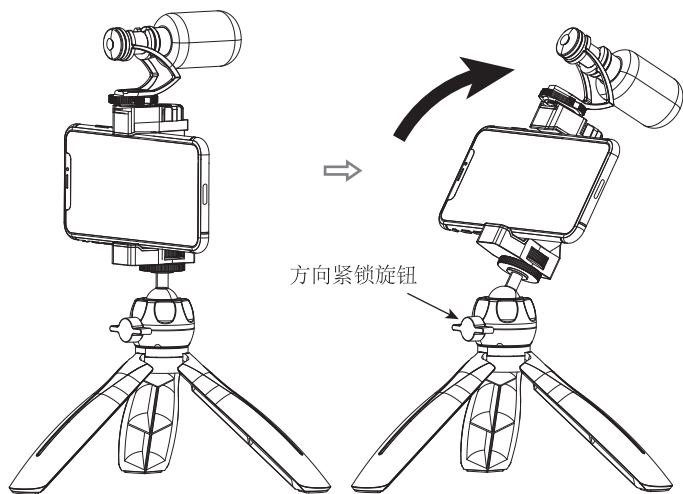


2. 通过手机夹高度调整螺盘调整手机夹到适当的高度；装入手机并固定

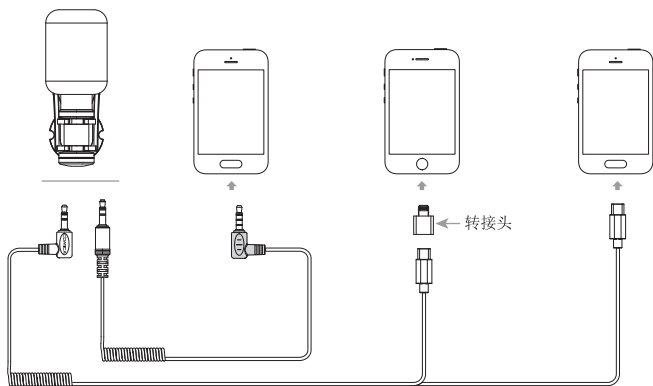




3. 通过云台的方向解锁旋钮可调整手机夹的使用角度

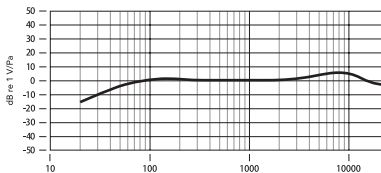


#### 4. 通过3.5mm TRS-TRRS或TRS-USB C音频连接线输出音频至手机

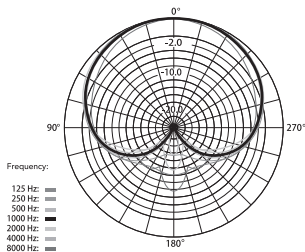


## 麦克风

## 1. 频率响应



## 2. 指向性图



## 3. 性能参数

指向性	心型
频响	60Hz~20kHz
信噪比	75dB
等效噪声	19dBA
最大声压级	130dB
动态范围	111dB
灵敏度	-33dB±2dB
工作电压	1V~5V DC
输出接口	3.5mm TRS
尺寸	Φ 21mm x 85mm
净重	35g
工作温度	0~50 C
存储温度	-20 C ~ 60 C



扫二维码关注  
科唛官方公众号



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邮箱: [support@comica-audio.com](mailto:support@comica-audio.com)

电话: 400-8303-981

网址: [comica-audio.com](http://comica-audio.com)

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