

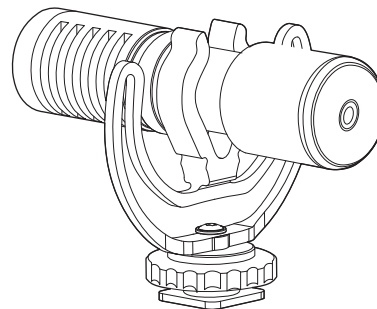


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Godox

VD-Mic

Compact Directional Shotgun
Microphone



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Made In China



Instruction Manual

前言

欢迎使用轻型指向性枪式麦克风VD-Mic，本产品为主播、视频博主、记者等拍摄人群提供即插即用无需电池的便携式音频解决方案。常用于Vlog、户外采访、直播以及音乐和环境声录制。请仔细阅读本产品说明书，以便能正确的操作，发挥本产品的优越性能。

产品特点

- 仅长80mm，仅重40g；
- 即插即用，无需额外供电；
- 机身全铝合金打造，拥有更强的抗射频干扰能力；
- 配置专业减震支架及防风兔毛；
- 严格的灵敏度管控；
- 超宽的频率响应范围100-20KHz，更好地收录清晰自然的声音；
- 高品质声学性能；
- 高信噪比同时具备极低的失真度。

警告

- ⚠ 请勿私自拆卸产品，如产品出现故障须由本公司或授权的维修人员进行检查维修。
- ⚠ 请保持干燥：请勿用湿手接触产品，亦不可将产品浸入水中或暴露于雨中。
- ⚠ 请勿让儿童接触本产品。
- ⚠ 请勿在易燃易爆环境中使用。在这些场合下，请注意相关警告标识。
- ⚠ 请勿放置在超过50摄氏度的高温环境中。
- ⚠ 使用供电的注意事项：
 - 请勿给VD-Mic幻象供电。VD-Mic需要插入式供电，一般默认相机的3.5mm麦克风输入插口提供即可，大约为2-3V。连接相机或手机设备即可使用。
- ⚠ 请仔细阅读并遵守由厂商提供的警告或指示。

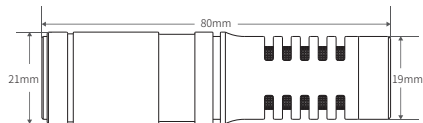


单反相机



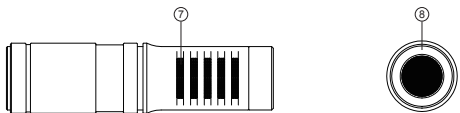
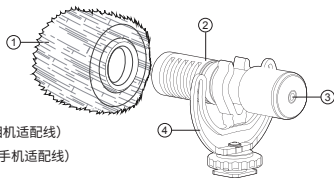
智能手机

产品尺寸



产品结构

1. 防风兔毛
2. 麦克风机身
3. 3.5mm 音频接口
4. 减震支架
5. 3.5mm TRS-TRS 音频连接线(相机适配线)
6. 3.5mm TRS-TRS 音频连接线(手机适配线)
7. 侧面防护钢网
8. 咪头防护钢网



装置组件

麦克风: $\Phi 14\text{mm}$ (0.5英寸) 高性能电容麦克风

主动电子元件: 高性能JFET换能器

线材: 抗干扰屏蔽线

机身: 全铝合金机身

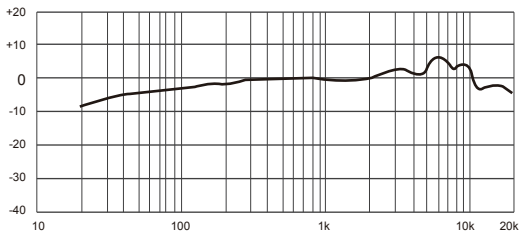
表面工艺: 磨砂阳极氧化

3.5mm音频接口: 无氧铜

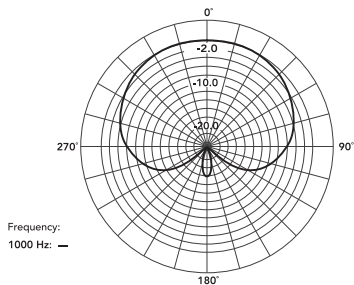
频率响应及指向性

Frequency Response

[dB/1V/Pa]



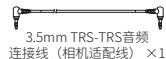
Polar Pattern



标配物品



减震支架 $\times 1$



3.5mm TRS-TRS 音频
连接线 (相机适配线) $\times 1$



3.5mm TRS-TRRS 音频
连接线 (手机适配线) $\times 1$



防风棉 $\times 1$



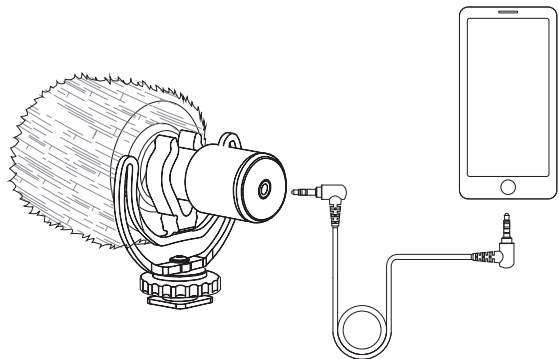
防风兔毛 $\times 1$

使用说明

一. 安装防护罩、支架与音频线:

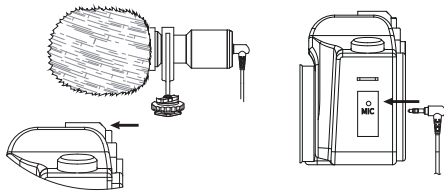
1. 将麦克风机身卡入 Rycote Lyre 减震支架上,同时确保麦克风处于中心位置,保持平衡与稳定。
2. 将所需防风棉或防风兔毛套入麦克风机身的前端,兔毛与海绵内部均具备容纳麦克风机身的形状,将麦克风机身插进到合适的位置即可。
3. 若需连接相机,请选择 3.5mm TRS-TRS 音频连接线并将其连接到麦克风身上的 3.5mm 接口。
4. 若需连接到手机使用,则 3.5mm TRS-TRRS 音频连接线,并将 3 极端子的一头连接线连接到麦克风接口,音频线的另一头即 4 极端子连接到手机上即可开始使用,安卓 type-c 与苹果 lightning 需自备接头转接线。

注: 音频线插头需完全插入机身接口当中,避免出现不正常工作



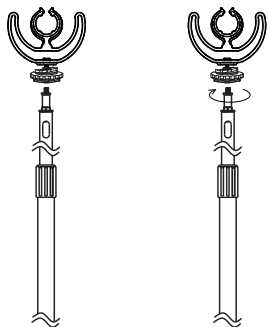
二. 安装到相机:

1. 安装到相机之前, 将麦克风与热靴座上的固定环逆时针转动, 使其松开到可以完全插入相机的热靴当中。
2. 支架及麦克风安装到位后, 顺时针拧紧固定环。
3. 将 3.5mm TRS-TRS 音频连接线的一端连接到麦克风机身的接口上, 另一端连接到相机的麦克风输入插口。



三. 安装到支杆或话筒支架:

1. 将减震支架热靴底座部的 3/8" (内配 1/4") 螺纹连接到您的支杆或者话筒支架所用的 3/8" 或 1/4" 螺纹;
2. 顺时针拧紧螺母, 注意不要过度拧紧。



四. 操作技巧:

为了本产品发挥更好的性能, 使用时请注意不要使用其他非官方配件, 如防风棉, 防风兔毛。若使用其他厂商的音频线可能导致麦克风不能正常工作严重时可能损坏。

避免手或其他物品遮挡住任何进音孔, 否则可能影响麦克风的性能。

VD-Mic 不需要额外的电池供电就能工作, 但是需要通过相机麦克风的输入内置供电, 为了达到最佳的录音效果, 请参考如下设置您的相机音频输入:

音频输入: 麦克风输入

音频电平 / 增益控制: 手动(根据您的熟练度与习惯)

插入式电源: 开启

另敬请参照您相机随附关于麦克风输入的说明, 了解调节音频设置更有助于您使用本产品。

规格参数

型号	VD-Mic
信噪比	75dB
灵敏度	-33dB±2(0dB=1V/Pa at 1KHz)
音频频率范围	100-20KHz
拾音模式	心型指向
最大声压级	120dB(THD≤3% at 1KHz)
等效噪声级(A计权)	20dB
音频连接线插头	3.5mm接口
重量	40g
产品尺寸	长80mm Φ21mm
工作温度	-10~+50°C

维护保养

避免跌落: 如果受到强烈碰撞或振动, 设备可能会发生故障。

保持干燥: 本产品是非防水产品, 如果将其浸入水中或放置于高湿度的环境中将可能发生故障。内部构造生锈可能会导致无法修理的损害。

避免温度骤变: 温度的突变, 诸如在寒冷天进出温暖的大楼将可能会使产品内部结露。为避免结露, 请将本产品事先装入手提袋或塑料包内, 以防温度突变。

远离强磁场: 无线电广播发射机等设备产生的强静电或强磁场可能会干扰本产品正常工作。

Forward

Thank you for purchasing Compact Directional Shotgun Microphone **VD-Mic**. This product offers a portable audio recording solution for anchors, vloggers, journalists and more, featuring plug-and-play power input and rid of batteries. It can be commonly used for vlogging, outdoor interviews, live streaming, music and ambient sound recording etc. Please read this manual carefully before using to make sure the correct operation and exert the optimum function.

Product Features

- With 80mm's length and weighs 40g
- Inserted into equipment to use directly without extra power supply
- Aluminum alloy materials with stronger RFI resistance
- With professional shock-absorbing bracket and furry windscreen
- Strict sensitivity control
- 100-20KHz Broad frequency response range to offer better voice recording and reproduce
- High-quality voice performance
- High signal noise ratio and low distortion degree

Warning

- ⚠ Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.
- ⚠ Always keep this product dry. Do not use in rain or in damp conditions.
- ⚠ Keep out of reach of children.
- ⚠ Please don't use it in flammable and combustible environments. In certain circumstance, please pay attention to the relevant warnings.
- ⚠ Do not leave or store the product if the ambient temperature reads over 50°C.
- ⚠ Observe precautions in power supply:
 - Do not supply VD-Mic with phantom power. As VD-Mic needs plug-in power supply, it is recommended to supply power by 3.5mm microphone input port of camera, which is about 2 to 3V. Connect the microphone to the camera or smartphone to use.
- ⚠ Please carefully read and observe the warning or direction offered by the manufacture.

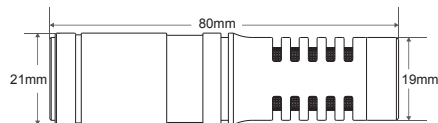


DSLR Camera



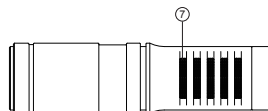
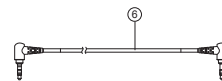
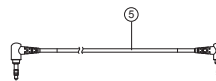
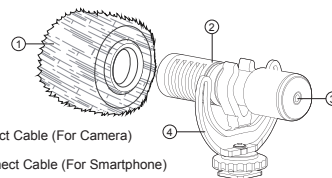
Smartphone

Dimension of Product



Structure of Product

1. Furry Windscreen
2. Microphone Body
3. 3.5mm Audio Port
4. Shock-absorbing Bracket
5. 3.5mm TRS-TRS Audio Connect Cable (For Camera)
6. 3.5mm TRS-TRRS Audio Connect Cable (For Smartphone)
7. Protective Steel Mesh
8. MIC Steel Mesh



Equipment Description

Microphone: $\Phi 14\text{mm}$ (0.5 inch) high performance condenser microphone

Main electronic component: high performance JFET transducer

Cable: anti-interference shielded wire

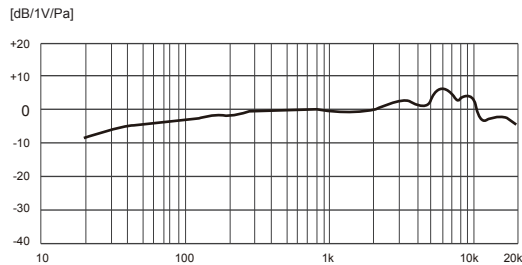
Main body: aluminum alloy materials

Surface techniques: scrub anodic oxidation

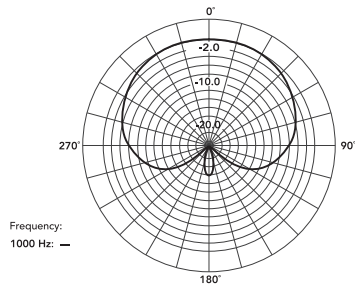
3.5mm Audio port: oxygen-free copper

Frequency Response and Directivity

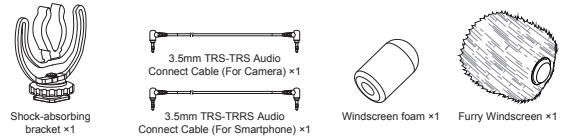
— Frequency Response



Polar Pattern



What's in the Box

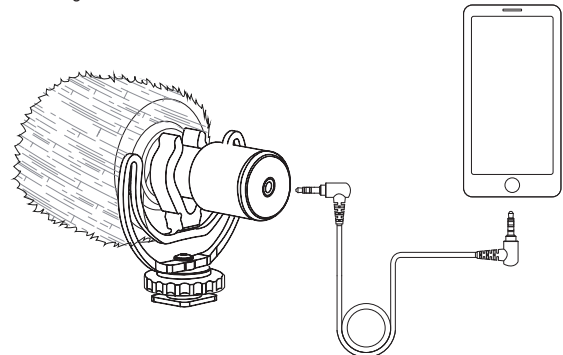


Usage Instruction

Install Protective Cover, Bracket and Audio Cable

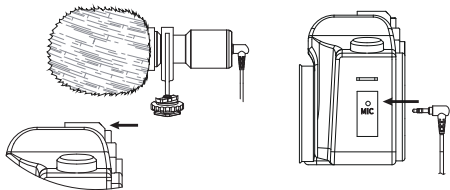
1. Insert the microphone into the Rycote Lyre shock-absorbing bracket and make sure that the microphone is placed in the center and keep balance.
2. Install the windscreen foam or furry onto the former end of the microphone to the suitable place.
3. To connect to the camera, please choose the 3.5mm TRS-TRS Audio Connect Cable and insert it to the 3.5mm port of the microphone.
4. To connect to the smartphone, please choose the 3.5mm TRS-TRRS Audio Connect Cable and insert one end of the triple terminals into the microphone port. The other end of the audio cable, namely, the quadrupole terminal, shall be connected to the smartphone. **Cables for Android Type-C and Apple lightning should be provided by oneself.**

Note: the audio plug shall be fully inserted into the port to avoid abnormal working.



Attach to Camera

1. Before attaching to the camera, please turn the microphone's fixing ring counterclockwise to loosen it until the microphone can be fully inserted into the camera's hotshoe.
2. Lock the fixing ring by turning it clockwise after the bracket and microphone are installed.
3. Connect one end of 3.5mm TRS-TRS Audio Connect Cable to the microphone port and the other end to the camera's microphone input port.



Operation Method

To exert the optimum function of this product, please do not use non-official included accessories e.g. windscreen foam or furry windscreen, etc. The microphone may do not work properly or be seriously damaged if using other manufacture's audio cables.

Do not block or shield any sound hole, otherwise, the microphone's performance may be influenced.

Although VD-Mic do not need extra battery to finish power supply, built-in power supply through camera's microphone is required. To achieve the best recording effects, please refer to the following operations to set your camera's audio input: Audio input: through microphone

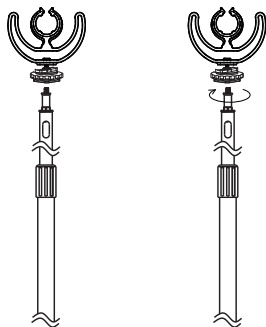
Audio level/gain control: manual (according to your proficiency and customs of camera)

Power insert: turn on

Please refer to the microphone input instructions of your camera to know more about the audio settings and adjustments, which will contributes a lot to use this product.

Attach to Microphone Stand

1. Connect the 3/8" (included 1/4" inside) mounting hole of shock-absorbing bracket to the 3/8" or 1/4" mounting hole of microphone stand.
2. Screw up the nut clockwise. Note: do not over tighten.



Technique Data

Model	VD-Mic
Signal-noise ratio	75dB
Sensitivity	-33dB±2 (0dB=1V/Pa at 1KHz)
Audio frequency range	100-20KHz
Pick-up sound mode	Cardioid directivity
Max. sound pressure level	120dB (THD≤3% at 1KHz)
Equivalent noise level (A-weighting)	20dB
Audio cable plug	3.5mm port
Weight	40g
Dimension	80mm Φ21mm
Working temperature	-10°C to +50°C

Maintenance

Avoid sudden drops. The device may fail to work after strong shocks, impacts, or excess stress.

Keep dry.

The product isn't water-proof. Malfunction, rust, and corrosion may occur and go beyond repair if soaked in water or exposed to high humidity.

Avoid sudden temperature changes. Condensation happens if sudden temperature changes such as the circumstance when taking the product out of a building

with higher temperature to outside in winter. Please put the product in a handbag or plastic bag beforehand.

Keep away from strong magnetic field. The strong static or magnetic field produced by devices such as radio transmitters leads to malfunction.

Changes made to the specifications or designs may not be reflected in this manual.