



VM-6录音摄影话筒

VM-6 video & shotgun microphone

用户手册

Owner's Manual

INTRODUCTION

Thanks for purchasing Alctron VM-6 professional microphone. You can get broadcast-quality audio along with your video recordings with the VM-6. The VM-6 is a professional audio quality of the video mic and it has very useful, video-focused features. It has a three-position level control so that you can instantly respond to changes in your recording environment - no fumbling with your camera's audio controls! The integrated shock mounting helps prevent camera handling noise from being picked up by the VM-6, while the 80Hz hi-pass filter makes it easy to cut out wind noise without affecting the overall sound of your recording.

The VM-6 has a camera shoe mount with a 3/8" thread for quick mounting on a boompole. And it's easy to take with you wherever life takes you - at only 6" long and 3 oz in weight for broadcast-quality audio without setting up a separate mic and recorder.

FEATURE

- * Super-cardioid polar pattern lets you focus in professional recording;
- * Small size and weight ;
- * Stereo mini-jack output is compatible with virtually any video camera;
- * Integrated shockmount and windshield cut down on handling noise and wind noise;
- * Can be mounted on a boompole for extra versatility.

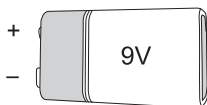
SPECIFICATION

- * Microphone Type Condenser
- * Polar Pattern(s) Super-cardioid
- * Max SPL 134 dB
- * Output Impedance 2000 ohms
- * Signal to Noise Ratio 74 dB (A-weighted)
- * Self Noise 20 dB (A-weighted)
- * Low Cut Filter 12 dB/Oct @ 80Hz
- * Pads: -10dB, 0dB,+10dB

POWERING THE VM-6

The VM-6 runs on a standard 9V battery. (ANS1:1604A or IEC:6LR61).
The VM-6 will run continuously for over 70 hours with a high quality alkaline or lithium battery.
Remember to switch off the VM-6 when not in use.

INSTALLING THE BATTERY :

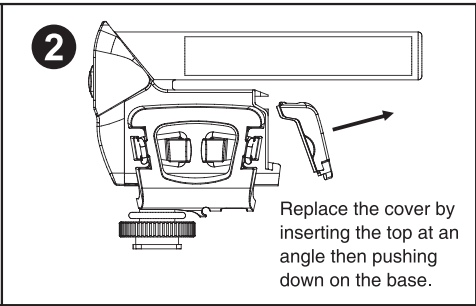
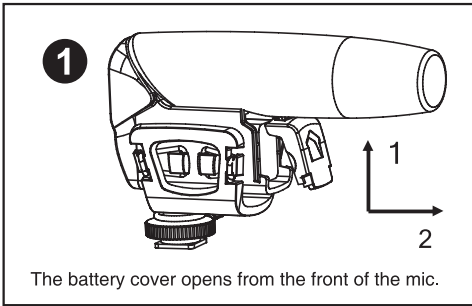


To install the battery, open the battery cover located on the front of the VM-6 , just under the windshield foam. To remove the cover, firmly push upwards on the indentation with your finger. Pull the base of the cover out to completely remove it, and provide access to the battery compartment (see Figure 1).

Insert the battery with the negative terminal (-) on top. The battery will protrude a little until it is pushed in by replacing the battery cover.

REPLACING THE BATTERY COVER

To replace the battery cover, insert the top at an angle, hooking it under the lever indicated by the arrow in Figure 2. Then push down at the base (pushing the battery into the compartment) until the bottom clips of the battery door click into place.



MOUNTING ON THE CAMERA

The VM-6 incorporates a standard camera shoe mount on the underside of the shock mount cradle. Designed to reduce handling and mechanical noise being carried through from the camera to the microphone, the camera shoe mount also has a 3/8" thread at the bottom to allow mounting on tripods and boompoles.

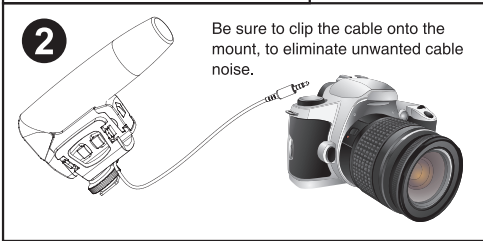
Some older model and low cost cameras may produce a higher level of mechanical noise, which can be picked up by the VM-6. The integrated High Pass Filter should be switched on to reduce the resulting low frequency rumble.



Before sliding the camera shoe into place, loosen the fastening ring by turning anti-clockwise until it is loose enough to fit easily into your camera's shoe mount. Once the shoe is in place, gently tighten by turning the fastening ring clockwise until the VM-6 is seated firmly in place.

The VM-6 has a small cable clip on the underside of the shock mount to secure the cable in place and prevent any unwanted movement noise. Simply press your cable into the clip / groove until the cable is secured in place.

The VM-6 delivers a mic level signal to the video camera via a stereo mini jack audio lead. The mini jack should be connected to the camera via the camera's "audio-in" socket—refer to your video camera user manual for the location of the socket on your camera model.



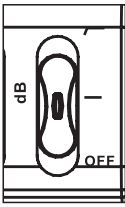
Now that you have the VM-6 securely fastened to your camera and the audio output lead connected, you can switch the microphone on and start recording.

VM-6 CONTROLS

High Pass Filter:


The High Pass Filter (HPF) is a low frequency cut-off setting, which you can use to reduce rumble and other low frequency noise picked up by the microphone while recording. For more information about HPF and when it should be used, see the feature on page 18.

To turn on the High Pass Filter, slide the power switch to the right hand position until it is pointing to where the HPF (⚡) symbol is indicated.



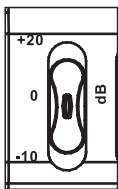
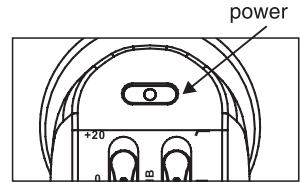
The High Pass Filter is a low frequency cutoff setting, which you can use to remove rumble, motor noise or other low frequency noise while recording. It will affect the tone slightly but in some situations it is required.

For instance, it may be helpful to engage the High Pass Filter to cut out the sound of air conditioning, handling noise while adjusting focus settings and distant traffic audible in the background. You will find that older model and low cost cameras produce more motor noise, which the VM-6 can pick up. Using the High Pass Filter setting is also ideal for reducing this.

To engage the High Pass Filter, slide the power switch to the right hand position until it is pointing to the HPF symbol ().

LED power indicator:

The power indicator LED flashes red briefly when the microphone is first turned on. This changes to green indicating the battery has adequate charge. When the battery runs low the LED will remain red and you should replace the battery. The microphone will work for over ten hours once the red indicator is lit, however with reduced performance. We recommend changing the battery as soon as possible after the LED has turned red.



Level Controls:

The VM-6 features three settings to control the signal output level to your recording device. These are set via the right hand side selector switch on the back of the microphone.

The left setting (-10) will reduce or attenuate the signal by 10dB, meaning that loud sound sources will be reduced and be less likely to overload or 'clip' the input of the camera.

The right setting (+20) will increase the signal level by 20dB. This is useful for recording quiet

sound sources, or when your camera requires a higher input level for better signal to noise ratio (as in many digital SLR cameras).

Please note that when setting the input level you should always be mindful of your camera's internal audio level setting. If you have the +20dB level selected on the VM-6 you may need to reduce the input level on your camera.

For best results reduce the camera's input level as much as possible, selecting the +20dB input level on the VM-6 and working downward until the appropriate input level is achieved.

This will result in a much lower noise floor and an overall clearer recording when plugging the VM-6 into the typically low quality mic preamps found on most DSLR cameras. The VM-6 has been designed to work best with the camera's Auto Gain Control switched off. As always we recommend you test your audio first before recording anything of importance.



Loud sound levels can cause serious hearing damage.

Take care when setting the audio levels, especially while wearing headphones.

The VM-6 has been RF/EMI shielded for very high rejection of radio frequency interference, but we suggest you keep all transmitters, cell phones, pagers etc. at least two metres away to reduce the possibility of interference affecting your recordings.

WARRANTY AND LIABILITY

ALCTRON products are warranted for two year from date of purchase.

The warranty covers parts and labour that may be required to repair the product during the warranty period. The warranty excludes defects caused by normal wear and tear, modification, shipping damage, of failure to use the product as per the instruction guide.

If you experience any problem, or have any questions regarding your ALCTRON product first contact the dealer who sold it to you. if the product requires a factory authorised service, return will be organised by that dealer.

We have an extensive distributor/dealer network, but if you have difficulty getting the advice or assistance you require, do not hesitate to contact us directly

Specification and design subject to change for improve-ment purposes without prior notice.

ALCTRON is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may differ from those listed or illustrated.

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产品简介

感谢购买我们爱克创的VM-6专业麦克风。用VM-6录音您可以拥有高质量的。VM-6是很专业的高品质的摄像麦克风，有录像的所有特征，非常实用。这款麦克风有三档灵敏度控制开关，便于对录音环境的变化作出反应调整而不用笨拙的调整相机音频。完整的防震装置可以帮助相机阻挡来自外界的噪音。80hz的高通滤波开关，在拾音过程中它可以很容易阻挡来自外界的风噪，而且不会影响整个录音音质。VM-6适配单反相机的热靴插座，3/8英寸的螺纹能够很快的装在相机的吊杆上面。而且它也很方便您外出携带，只有6英寸长，85.05g重的录音装置，不用单独再带麦克风和录音装置。

特点

- *录音
- *外观轻盈
- *立体声迷你插头适合几乎所有的单反相机；
- *完整的防震架和防风罩可以很好阻挡来自外界的各种噪音；
- *可以被装在任何的吊杆上；
- *超心形指向性可以让您专注于专业应用。

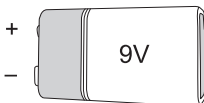
规格

- *电容麦克风
- *超心形指向性
- *最大声压级134dB
- *输出阻抗2000欧姆
- *等效噪声74dB
- *本体噪声20dB
- *低切滤波器12 dB/Oct @ 80Hz
- *灵敏度调节-10dB, 0dB,+10dB

VM-6供电

VM-6采用标准的9伏直流的电池。
VM-6会在高品质的碱性和锂电池的支撑下连续工作70小时。
请记住如果不需要用VM-6请把开关关掉。

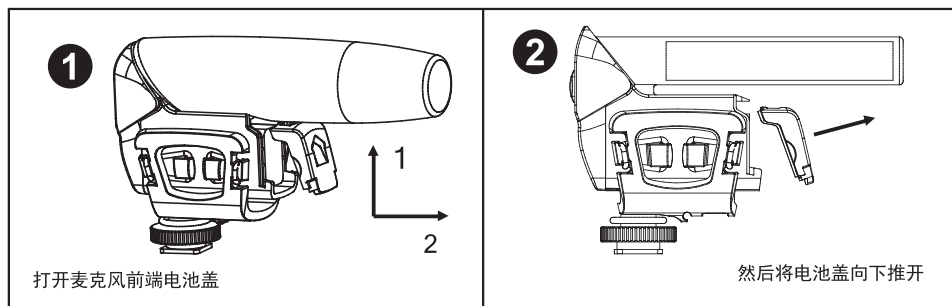
安装电池



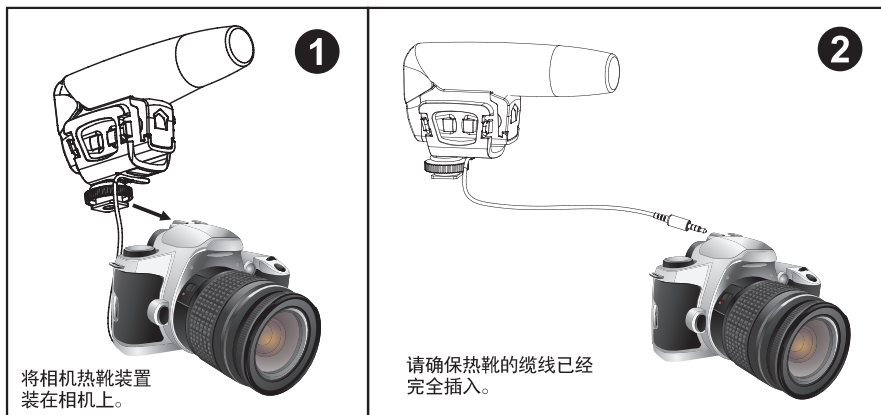
安装电池的时候，请把VM-6前面的电池盖打开，就在防风罩下面。要移开电池的盖子，手跟着箭头往上推，打开盖子，把电池装进去。
把电池的负极装在最上面。在您把盖子盖上之前电池会有一点点的突出。

重新安装上电池的盖子

在安装电池的盖子时，在顶部要有角度的插入，后面的杠杆会支撑电池请见图二。然后把盖子盖上（把电池推到它应该在的位子），直到下面的电池盖子也在正确的地方。



装在相机上



防震架底座采用标准的相机热靴插座设计，可以轻松地将话筒安装固定于相机的热靴座上。这是为了减少操作和机械噪音传给麦克风，底部设有一个3/8英寸的螺纹插座，可以安装在三脚架上和话筒支架上。有些过时型号的或低价的相机可能会产生很大的机械噪音，VN-6完全可以避免这些缺陷。集成的高通滤波器可以有能力去减少这些低频率的噪音。

在把相机热靴插座滑倒一定位置的时候，通过逆时针旋转固定环，直到可以插进您的相机热靴插座。一旦这个装置进入到相机，顺时针慢慢地拧紧固定环，直到VM-6安全牢固的在位置上。

VM-6有一个小小的线夹安装在防震装置的下面用来确保信号线是在位置上和避免一些不必要的移动噪音。轻轻地按一下您的信号线直到安全固定在适当位置上。

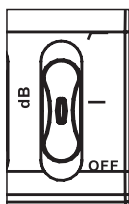
VM-6通过立体声带迷你插头的音频线将麦克风内电平信号传输给摄像机。迷你插头应该跟相机的摄像机的Audio-in插座连接在一起，，请参看摄像机的使用手册来看看插座的位置在哪里。

一旦您将VM-6安全地固定在那个在摄像机上并确保音频输出线连接正确，您可以打开麦克风的开关开始录音了。

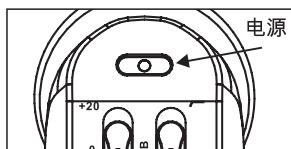
VM-6控制装置

高通滤波器:

高通滤波器是一种低频率的切断装置，在录音的时候你可以用它来减少麦克风产生的噪音和另外一些低频率的噪音。若想要知道更多关于这个高通滤波器。打开高通滤波器。将开关向上直到滑道指向是跟图片上指向一样为止。

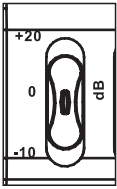


这款高通滤波器是低频率的切断装置，在录音的时候你可以用它来减少各种来自外界的噪音。它会稍微有点影响音色，但是有些时候它是必要的。比如，在您调整焦距设置和远距离可见的背景，高通滤波器能够拦截外围空气的噪音，超低触的噪音，这对于VM-6有很大的帮助。您会发现那些原来的低价的相机会产生更多的噪音，这些VM-6都是可以避免的。用这款高通滤波器装置来减少噪音是一个不错的选择。在用这款高通滤波器的时候将开关向上滑动直到滑到图片上指向为止。



LED电源指示器:

当您第一次打开麦克风，功率指示器上的LED的红灯会亮一会。当转换为绿灯的时候说明蓄电池的电量是满格的。当电池的电量不足的时候，LED红色的灯会一直亮着，这说明您应该更换电池了。当红灯亮起的时候，麦克风还能工作超过10个小时，当然这个时候工作效率会有所下降。我们建议当红灯亮起的时候马上更换电池。



控制装:

这款VM-6有三档灵敏度开关来控制录音装置的信号输出。这些装置通过右手边的选择开关来控制的，就在麦克风的后面。

左边的装置向下滑动，将会减少或者减弱**10dB**的信号，衰减信号可以有效减少极高声源的失真，以免在相机录音过程中出现过载或者爆音。

右边的装置向上滑动将会增加20dB的信号，当录制的声源比较小或相机需要更高的输入电平来获得更好的信号时可以打开此开关，达到录音最佳效果（像很多的单反相机）。请注意，当设置这些输入电平的时候您应该总是要留意您相机的内部音频电平设置，如果您的VM-6有+20dB那你可能就要减少摄影机的输入电平方量。

最好的结果就是尽可能多的减少摄像机的输入电平方量，而选择VM-6的+20dB的输入量并且向下减少输入电平直到输入电平是最适合。

像大多数的单反相机，把VM-6装进典型的低品质的带有麦克风前置放大器的摄像机，这会给您带来更加低的底噪和全方位的更加干净的声音。这款VM-6和相机的自动增益控制开关在关闭状态下结合使用是最好的。就像我们一直推荐您，在您录音前请先调试您的音频。



在您戴上耳机时，请勿大声播放，这可能会损伤您的耳朵，影响您的听力。

这款VM-6对于无线电频率和电子干扰有很强的屏蔽功能，但是我们还是建议您远离信号传送器，电话，呼叫机等等，至少要两米。我们要尽可能的减少影响您录音的因素。

保修及责任

爱克创的产品保修两年，从购买那天算起。

保修的范围包括零件和整体，以及在保修期间那些可能需要维修的零件。保修不包括以下几项，一般磨损，装饰，运输磨损，没有按照说明书正确使用本产品而造成的损失。

如果你有任何问题或者关于您的爱克创产品的疑问，请第一时间联系卖给您产品的经销商。如果产品涉及到需要工厂授权的维护，产品将会由经销商组织并且退回到工厂维修。

我们有广泛的代理和网络经销，如果您不能很好的得到您想要的服务，请不要犹豫，直接联系我们。

奥创电子有限公司始终尽力确保最高的质量水平。必要的修改将不预先通知予以实行。因此产品的技术数据和外观可能与所述说明或插图有不同之处，敬请谅解。

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