

CM6 Lite/CM6 X 电容录音麦克风

CM6 Lite/CM6 X CONDENSER RECORDING MICROPHONE

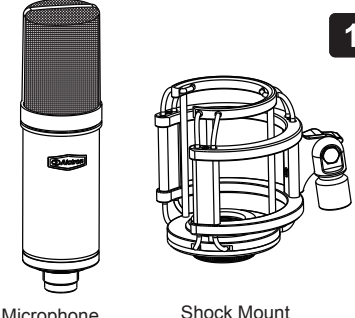
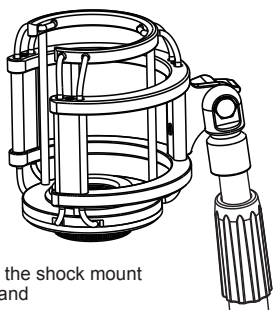
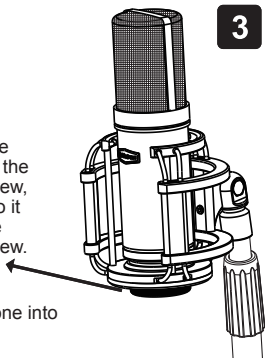
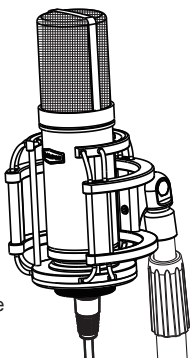
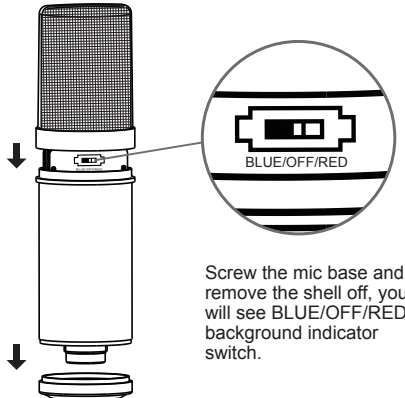
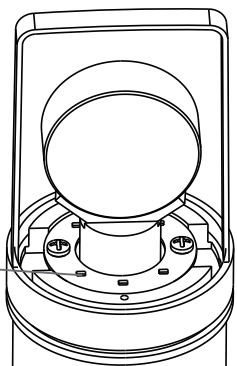
用户手册

Owner's Manual

GENERAL DESCRIPTION

CM6 Lite/CM6 X large diaphragm condenser recording mic adopts 34mm cardioids polar pattern reducing noise from side and rear. Discrete components carefully selected for optimized capsule performance and provided lower noise and wide range frequency response. Brass shell combines inner stand features better conductivity and anti-interference. Capsule comes with adjustable background indicator switch that you can choose the background color as you like. This mic designed for studio, broadcasting, online live etc.

HOW TO USE MICROPHONE

 <p>1</p> <p>Microphone</p> <p>Shock Mount</p>	 <p>2</p> <p>Screw the shock mount into stand</p>
 <p>3</p> <p>Anti-clockwise the bottom to loosen the locking thumbscrew, insert the mic into it and then lock the locking thumbscrew.</p> <p>Screw the microphone into shock mount</p>	 <p>4</p> <p>Use 3-pin XLR to connect microphone and 48V phantom power.</p>
 <p>5</p> <p>Screw the mic base and remove the shell off, you will see BLUE/OFF/RED background indicator switch.</p>	 <p>6</p> <p>Six glowing LED</p>

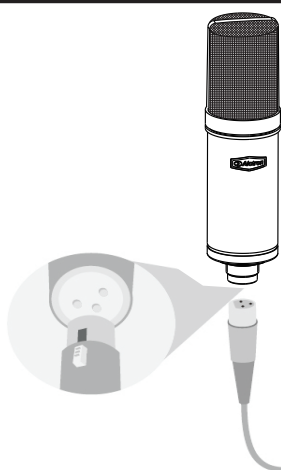
Red and blue two colors for you choose. System default is blue light, so when there is power in, six glowing blue LED lights automatically turn on.

Here takes CM6 Lite as an example, CM6 X has the same function.

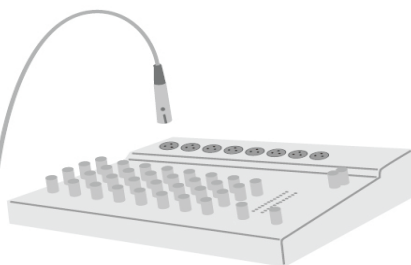


When you dial the switch to the BLUE position, background lit blue light; when you dial the switch to the OFF position, no background light; when you dial the switch to the RED position, background lit red light.

XLR CONNECTION



NOTE:
MUST TURN ON THE 48V PHANTOM POWER ON DEVICES!



Console(or such similar devices with 48V phantom power)

GENERAL RULES FOR USE

Aim the microphone toward the desired sound source (such as the talker, singer, or instrument) and away from unwanted sources.

Place the microphone as close as practical to the desired sound source.

Work close to the microphone for extra bass response.

Use only one microphone to pick up a single sound source.

Use the fewest number of microphones as practical.

Keep the distance between microphones at least three times the distance from each microphone to its source.

Place microphones as far as possible from reflective surfaces.

Add a windscreen when using the microphone outdoors.

Avoid excessive handling to minimize pickup of mechanical noise and vibration.

Do not cover any part of the microphone grille with your hand, as this will adversely affect microphone performance.

PROXIMITY EFFECT

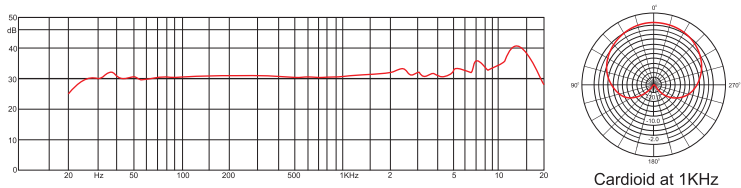
Unidirectional microphones such as the CM6 Lite/CM6 X progressively boost bass frequencies by 6 to 10 dB below 100 Hz when the microphone is at a distance of about 6 mm (1/4 in.) from the sound source. This phenomenon, known as proximity effect, can be used to create a warmer, more powerful sound.

APPLICATION	SUGGESTED MICROPHONE PLACEMENT	TONE QUALITY
Vocals	Lips less than 15 cm (6 in.) away or touching the windscreens, on axis to microphone.	Robust sound, emphasized bass, maximum isolation from other sources.
	15 to 60 cm (6 in. to 2 ft.) away from mouth, just above nose height.	Natural sound, reduced bass.
	20 to 60 cm (8 in. to 2 ft.) away from mouth, slightly off to one side.	Natural sound, reduced bass and minimal "s" sounds.
	90 cm to 1.8 m (3 to 6 ft.) Away.	Thinner, distant sound; noticeable levels of ambient noise.
Guitar & Bass Amplifiers	2.5 cm (1 in.) from speaker, on-axis with center of speaker cone.	Sharp attack; emphasized bass.
	2.5 cm (1 in.) from speaker, at edge of speaker cone.	Sharp attack; higher frequency sound.
	15 to 30 cm (6 to 12 in.) away from speaker and on-axis with speaker cone.	Medium attack; full, balanced sound.
	60 to 90 cm (2 to 3 ft.) back from speaker, on-axis with speaker cone.	Softer attack; reduced bass.

TECHNICAL SPECIFICATIONS

- * Type: FET condenser recording mic
- * Capsule: 34mm
- * Polar pattern: cardioids
- * Frequency response: 20hz-20khz
- * Sensitivity: -38dB±2dB
- * Output impedance: ≤200Ω
- * Equivalent noise level: 14dB
- * Max SPL: 125dB for 0.5% THD
- * S/N ratio: 76dB
- * Connector: 3-pin XLR
- * Power: 48V phantom power

THE FREQUENCY RESPONSE CURVES AND THE POLAR DIAGRAM



* Cardioid—When this pattern is selected, the microphone picks up sounds directly in front of the microphone and is least sensitivity to those in back. This is the most commonly used pattern in studio recording and live-sound applications.

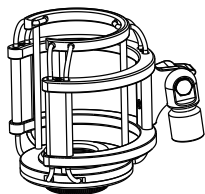
产品介绍

CM6 Lite/CM6 X大振膜晶体管电容录音话筒，采用34mm的心型指向电容音头，有效减少对侧面噪音。的收录选用优质元器件，显著提升音头运行性能，提供更低的噪声和宽广的动态范围。壳身采用高品质黄铜电镀锡镍合金打造，结合内部特制的支架条，具有良好的导电性和抗干扰性。音头设有可调节的背景灯效，可轻松选择心仪的灯光效果，个性十足。此话筒广泛适用于录音室，广播电台、网络直播等场合。

如何使用麦克风



话筒



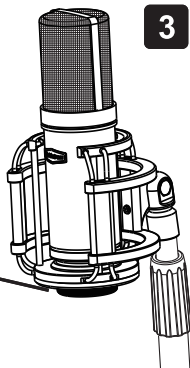
防震架

1



将防震架旋入支架

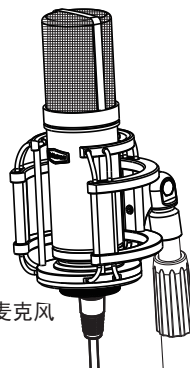
2



逆时针将底部的锁紧螺母拧松，插入话筒
随即锁紧将螺母锁紧。

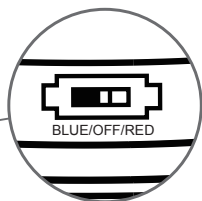
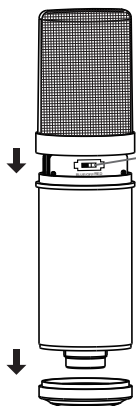
将麦克风旋入防震架上。

3

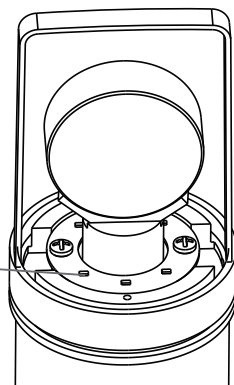


用三芯卡侬连接麦克风
和48V幻相电源。

4



将话筒底座拧松，随后
取下壳身，您可以看见
BLUE/OFF/RED(蓝色/关
掉/红色)这个背景灯
光效果选择开关。



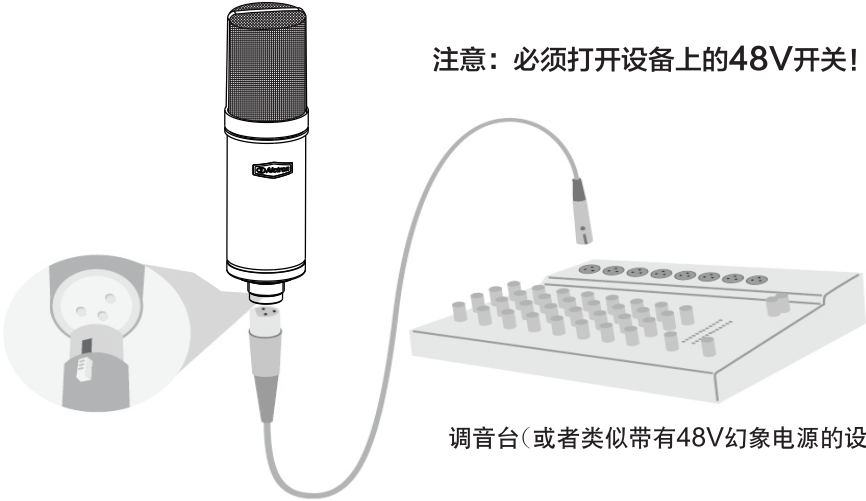
6个LED灯

红蓝两种背景灯光供您选择。系统默认蓝光，所以当您连接电源的时候，6个蓝光灯自动亮起。此处以CM6 Lite为例，CM6 X的功能一样。



当您拨到BLUE位置时，背景灯光亮起蓝色灯光；当您拨到OFF位置时，无背景灯光；当您拨到RED位置时，背景灯光亮起红色灯光。

XLR连接



注意：必须打开设备上的48V开关！

调音台（或者类似带有48V幻象电源的设备）

一般使用规则

- 将话筒对准所录制的声源（例如谈话者、唱歌者或乐器），远离其他声源。
- 尽可能靠近所录制声源摆放。
- 如果想获得更多的低频响应，可将话筒进一步靠近音源。
- 只使用一个话筒来拾取单个声源。
- 尽可能减少使用话筒的数量。
- 保持话筒之间的距离，使其至少三倍于每个话筒与其声源之间的距离。
- 将话筒放置在尽可能远离反射表面的地方。
- 在户外使用话筒时，加一个防风罩。
- 避免过多触摸，以便将机械噪声的拾取和震动降低到最低水平。
- 切勿用手遮盖住话筒滤网的任何部位，因为会影响话筒的性能。

近讲效应

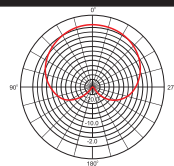
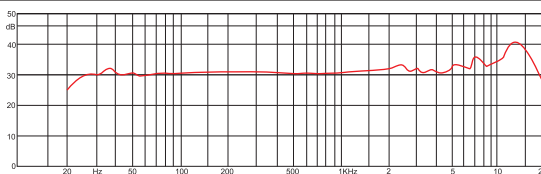
当话筒与声源之间的距离在6毫米（1/4英寸）左右时，像CM6 Lite/CM6 X 这样的指向性的话筒会将100HZ以下的低频提升6-10dB,这个现象被称之为“近讲效应”，在录音时，常会被用来创造一种更加温暖,更加厚重的音色效果。

运用	建议话筒放置位置	音 质
人 声	嘴与防风罩的距离少于15 厘米（6 英寸），或轻触防尘罩，在话筒轴线上。	饱满、加重低音、最大程度隔离其它声源。
	与嘴的距离为 15 至 60 厘米（6 英寸至 2 英尺），刚好在鼻子平面上面。	自然，减弱低音。
	与嘴的距离为 20 至 60 厘米（8 英寸至 2 英尺），稍微偏向一侧。	自然、减弱低音和 "s" 声。
	距离 90 厘米至 1.8 米（3 至 6 英尺）	薄的远距离声音；可听见不同程度的环境声。
电吉他 电贝司音箱	与扬声器的距离为 2.5 厘米（1 英寸），在话筒轴线上扬声器锥盆范围内。	音头锐利；低频突出。
	与扬声器的距离为 2.5 厘米（1 英寸），在扬声器锥盆边缘。	音头锐利；低频突出。
	离扬声器 15 至 30 厘米（6 至 12 英寸），在话筒轴线上扬声器锥盆范围内。	音头平和；完整的平衡声。
	与扬声器的距离为 60 至 90 厘米（2 至 3 英尺），在话筒轴线上扬声器锥盆范围内。	音头柔软；低频减弱。

产品参数

- * 类型：晶体管电筒录音话筒
- * 音头：34mm
- * 指向性：心型
- * 频响：20hz-20khz
- * 灵敏度：-38dB±2dB
- * 输出阻抗：≤200 Ω
- * 等效噪音：14dB
- * 最大声压级：125dB for 0.5% THD
- * 信噪比：76dB
- * 连接器：三芯卡侬连接线
- * 电源：48V幻象电源

频响曲线图



Cardioid at 1KHz

* 心型—当您选择这个模式时，麦克风拾音的方向是在前面，后面几乎收不到声音。这种模式经常用在工作室录音和现场录音。

Copyright © Ningbo Alctron Electronics Technology CO.,LTD. All rights reserved. Specifications and appearance subject to change without notice.

Ningbo Alctron Electronics Technology CO.,LTD.
No.76 SanCheng Road, XiuFeng Industrial Area,GaoQiao Town, NingBo, China.
Tel:+0086 574 87150672
Fax:+86 574 87157176
E-mail:info@alctron-audio.com
www.alctron-audio.com

版权所有©宁波奥创电子科技有限公司,所有权保留。必要的技术数据和外观更改恕不予以另行通知。

宁波奥创电子科技有限公司
地址：浙江省宁波市海曙区秀丰工业区三成路76号
电话：0574-88011699 传真：0574-87157176 邮箱：sales@alctron-audio.com
网址：http://www.alctron-audio.com 全国统一服务热线：4000-160-112