



BY-M1000

Large Diaphragm
Condenser Microphone

大振膜电容式麦克风

Instruction Manual
说明书



Instruction:

Thanks for purchasing BOYA BY-M1000!

The BOYA BY-M1000 is a 34mm(1.3") diaphragm condenser microphone, with sturdy all-metal housing, three selectable polar patterns, -10dB switch design, BOYA BY-M1000 is suited for capturing instruments and vocals in project and professional recording applications, such as singer, songwriters, podcasters, voiceover artists, field recorders, and home studio recordings. Additionally, the microphone offers a 20 Hz to 20 kHz frequency response for accurately reproducing audio signal in a variety of ranges.

The microphone uses standard 24V or 48V phantom power, which is supplied through the standard XLR connector.

Contents:

- BY-M1000 condenser microphone
- Studio-grade pop shield
- Shockmount
- 3m(10ft) balanced XLR cable

General Functions

- Polar Patterns

Cardioid

The cardioid polar pattern is focusing audio capture in front of the capsule, minimizes unwanted ambient sound from the other sides and back of the microphone.

This polar pattern is suitable for such situations when you want to pick up specific sound sources, such as recording vocals, guitar, pianos, stringed instruments, and more.

Omni-directional

The omni-directional polar pattern will in principle pick up sound equally from all directions. Whether the sound resource from the front, the side, or even back, the microphone will record the signals all with equal gain. This polar pattern can be very useful in applications where sound needs to be recorded from multiple directions, such as a musical performance where there is a band of musical instruments in front and a choir singing behind.

Bi-directional

Bidirectional polar pattern is figure-of-eight pattern and picks up sound equal sensitivity from two opposite directions, front and back of the microphone, and with low sensitivity from the sides. This polar pattern is best suited for interview, Q&A lecture or presentation, acoustic instruments, and for live recordings of jazz and acoustic groups.

- High-Pass Filter

A low-cut filter at 150 Hz allows you to eliminate low frequency hum and other low-frequency noises.

- A -10 dB Pad Switch

A -10 dB pad switch provides more headroom when capturing transient signals that may otherwise cause peak distortion.

How to use it

1. Mount BY-M1000 on 3/8" and 5/8" microphone stands or tripods.



Note:

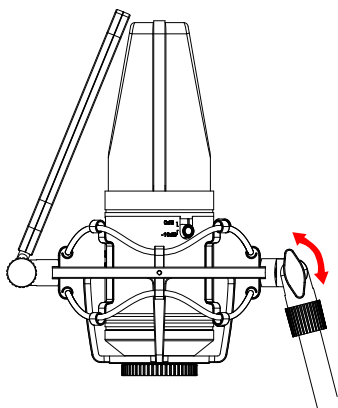
When changing the mic position, always be sure to loosen the adjustment knob first to ensure you do not damage the shock mount.

2. Rotate locking knob to adjust microphone fits your position.



Note:

When recording any sound source, whether it be vocals, instruments or anything else, always spend time experimenting with microphone placement to ensure you are picking up the best possible sound. Adjust the microphone position as many times as you need to achieve your demand.

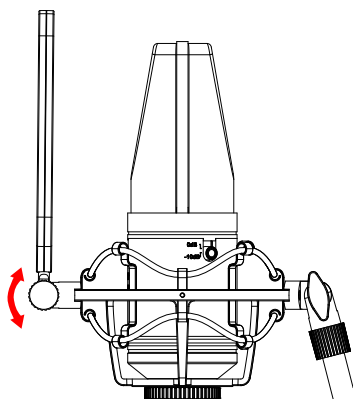


3. Mounted the supplied pop filter in front of microphone.

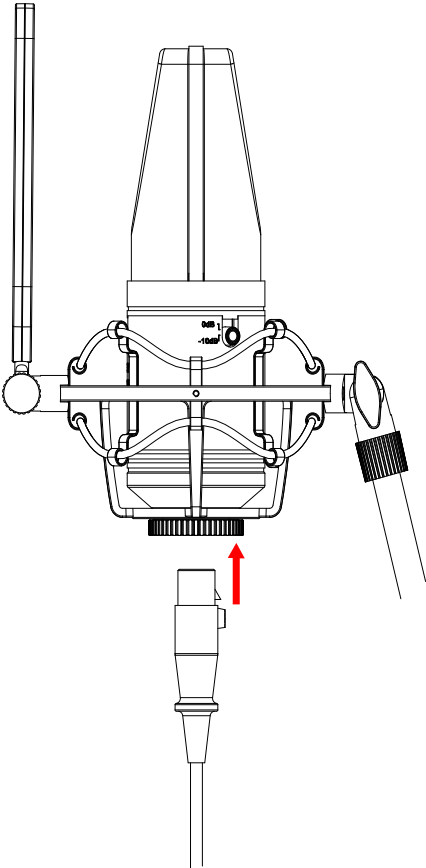


Note:

The "BOYA" Logo on the face of the BY-M1000 indicates the front of the microphone, and the pickup area of the capsule. The "BOYA" Logo should always be facing towards the sound source that you wish to record.



4. Insert supplied XLR cable to microphone



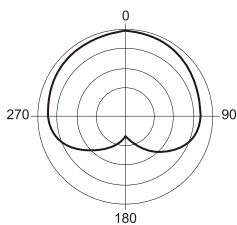
Features

- Gold-sputtered diaphragm
- Broadcast-quality condenser microphone
- Cardioid, Omnidirectional and Bidirectional polar patterns
- Wide frequency range and ultra low noise
- Off-axis rejection for clean recordings
- Included shockmount & pop filter
- Controlled by low-cut filter switch
- 0dB , -10 dB Pad switch
- Electrically balanced output
- 3-Pin XLR plug
- 24V or 48V phantom power
- All-metal housing
- Included 3/8" and 5/8" thread

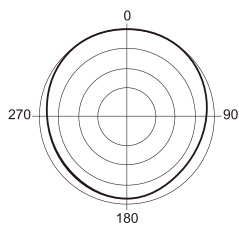
Specifications:

Acoustic Principle:	Condenser
Polar Pattern:	Cardioid, Omnidirectional, Bidirectional
Diaphragm:	34mm(1.3")
Frequency Response:	20– 20,000Hz
Sensitivity:	-33±3dB (0dB=1V/Pa @ 1KHz)
SN:	80dB and more
Output Impedance:	200 Ohm
Power Requirement:	24V or 48V Phantom
Cable Length:	3m(10ft)
Dimensions:	207 x 115 x 185mm(8.1" x 4.5" x 7.3")
Weight:	812g (29 oz)

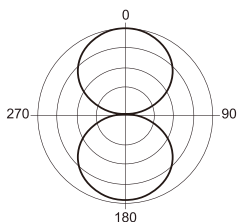
Polar Pattern



Cardioid

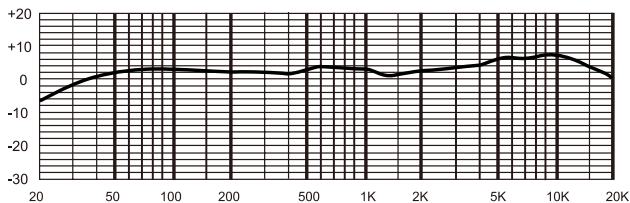


Omni



Bidirectional

Frequency Response



Maintaining Your Microphone

- Keep your microphone away from dust, moisture, or water.
- To clean the housing, wipe with a dry micro-fiber cloth to remove dust.
- Store your microphone in the included pouch to protect it from dirt and dust.

Important Safety Information

- Make sure that you follow all safety notes.
- Keep these instructions for use in a safe place. If you sell the equipment or pass it on to someone else, you should also pass on these instructions for use.

Marking on the devices



Waste disposal and protection of the environment

Electric and electronic appliances, as well as batteries, must not be disposed of together with domestic waste. The user is legally obliged to return electric and electronic appliances as well as batteries to specially set up public collecting points or the sales outlet once they have reached the end of their service life. Details are regulated by national law. The symbol on the product, the instructions for use, or the packaging refers to these provisions. The recycling of waste equipment/batteries is an important contribution to the protection of our environment.



Danger of fire and short-circuit

- Do not operate the device with wet hands.
- Clean the equipment only in the way described in Maintaining Your Microphone.
- Take care to avoid dropping the equipment. Make sure that the device is properly fastened and reliably mounted. If the device has been dropped, have it inspected by a skilled technician before you switch it on again.
- Should the equipment be damaged or defective, or if you notice a scorching smell, remove the batteries immediately. Do not operate the device with a damaged housing and do not repair the device yourself. Have the device only repaired by a skilled service person.

感谢您选择BOYA!

博雅BM-M1000是一款34mm的振膜电容麦克风，坚硬的全金属外壳，三种选音模式，-10dB控制设定。

BOYA BM-M1000非常适合捕捉乐器和声乐主题，以及其他专业录音，例如歌手、作曲家、播客、解说评论员、现场录音人员、以及录音棚录音者。

此外，麦克风频率响应范围为20Hz到20kHz，可在各个范围内产生音频信号。

麦克风可由24V或48V幻象电源供电，用配备的卡农 线外接电源即可。

产品清单

- 防喷罩
- 防震架
- 3米卡侬线

概括

- 拾音模式



心形拾音模式其收音范围主要集中在咪头前方，极大程度上减少了旁边和后方的周围音。心形拾音模式非常适用于你只想拾取特定的声音，例如声乐录音、吉他、钢琴、弦乐等。



全指向型拾音模式是各个方向收音效果一致。无论声音是从前方、旁边、甚至后方，麦克风录音信号都是相同增益效果。该拾音模式适用于全方位收音场合，比如音乐表演，乐队合唱团合奏。



双向指向型拾音模式是像数字8的形状，麦克风前后两边拾音效果一样，对旁边声音敏感度非常低。该拾音模式适用于采访、问答环节、演讲、不插电乐器弹奏、爵士乐和原声乐队的现场录音。

- 高通滤波器

低切过滤器能消除 150Hz 以下的低频杂音及噪音。

- -10dB 衰减开关

-10dB衰减开关能使得音质更加清澈透亮，另一方面亦可能导致声音失真。

使用方法

1. 将 BY-M1000 装在 5/8" 螺丝麦克风支架或三脚架上



提示:

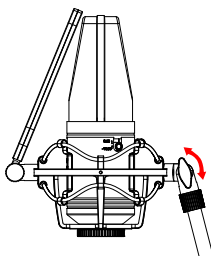
当调整麦克风角度时，您可以通过扭松旋钮进行角度调节，请勿直接调节麦克风主体以免造成损坏

2. 旋转旋钮将麦克风调整到适合你的位置。



提示:

无论您是录制唱歌、乐器还是其他用途，请根据您的需要调整麦克风的位置，确保您调节好麦克风位置，保证最好的音质效果。



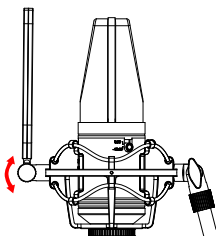
3. 将防喷罩安装在麦克风前方



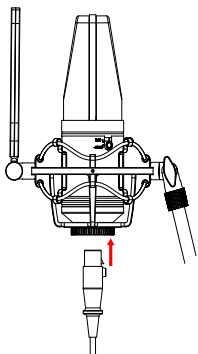
注意:

BOYA 的 LOGO 正对着麦克风前方(咪头拾音区域)。

BOYA 的 LOGO 也可朝向音源的方向。



4. 将卡农线插入麦克风



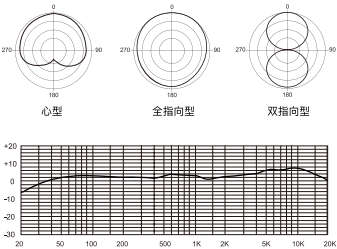
特点

- 镀金振膜
- 播音级电容麦克风 心型、全向型、双向型选音模式宽频率范围和
- 低噪音
- 离轴隔音
- 内含防震架及防喷罩
- 低切开关
- 0dB,-10dB开关
- 电平输出
- 三针卡农接口
- 24V或48V幻象电源供电 全金属外壳

参数

声学原理:	电容式
拾音模式:	心型、全向型、双向型
振膜:	34mm
频率响应:	20-20,000Hz
灵敏度:	-33±3dB(0dB=1V/Pa@1kHz)
信噪比:	低于80dB
输出电阻:	200Ω
电源类型:	24V或48V幻象电源供电
接线长度:	3m
尺寸:	207×115×185mm
重量:	812g

拾音模式



麦克风保养方法

请将麦克风远离尘土、潮湿及水源。
清理外壳灰尘时，请用干燥且柔软的布擦拭
请将麦克风放入收纳袋进行存放，避免尘土。

麦克风注意事项

- 使麦克风远离灰尘，潮湿或水。
- 将麦克风存放在附带的小袋中，以防止灰尘进入。

重要安全信息

- 确保遵循所有安全注意事项
- 将这些说明保存在安全的地方。
如果您出售设备或将其传递给其他人，您也应该传递这些使用说明。

设备上的标志



提示如何处理垃圾以及保护环境

请勿将电子设备及电池和生活垃圾一起放置。一旦达到使用寿命的终点，用户应按规定合理地将电器和电池放置公众回收点。产品上的均按照这些条例。详情请参照国家法律规定。该标志均在我们的产品、说明书及包装上均有标记。可回收电池及电子设备对我们的生态环境极为重要。



短路及着火隐患

- 在操作设备时保持手的干燥整洁。
- 必须按照说明书的方法进行清洁。
- 保护好设备以防跌落，确保设备已安装稳固。
- 若设备发生跌落的情况，请勿马上开启设备，让专业维修人员帮你查看情况。
- 如果您闻到的灼烧的气味，可能是设备已损坏或有缺陷，应马上切断电源供应，移除电池。
- 当设备损坏时，请勿自行修复。
- 设备维修只能由专业维修人员进行。

www.boya-mic.com

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