

# BOYA

## Omni-Directional Handheld Microphone

全向型手持麦克风

**BY-HM100**

User Manual  
用户手册



Thank you for purchasing BOYA BY-HM100!

The BOYA BY-HM100 is an omni-directional handheld microphone, it can use for many fields, such as interview and presentation, the frequency response of the mic (70 Hz–15 kHz) has been specially tailored for voice reproduction to maximize clarity, reduce plosive and wind noise, and also minimize unnecessary low frequencies greatly.

And it's a dynamic microphone, no need extra Phantom power, enabling the use of field recorders without the ability to supply it.

Its appearance is professional, the body of the microphone is made of a durable die-cast aluminum alloy, coated with a black matte finish. It has an XLR jack and also comes with a pouch.

For more information required, welcome to visit us at [www.boyamicro.com](http://www.boyamicro.com), or send questions to [sales@boyamicro.com](mailto:sales@boyamicro.com).

## Features

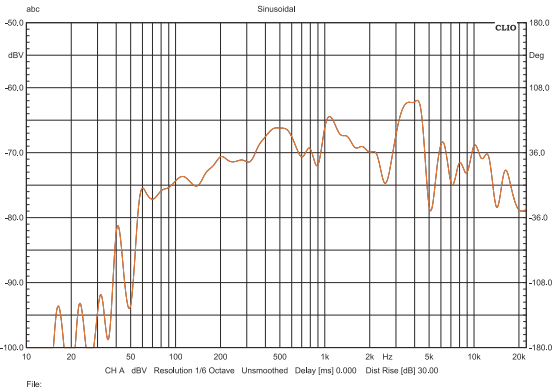
- Ideal for ENG & Interviews
- Dynamic Microphone Capsule
- Excellent sound quality
- Isolated Capsule Reduces Handling Noise
- No need extra battery or Phantom Power
- Omni-directional 360° Pickup Pattern
- Tailored Frequency Response for Speech
- Durable Aluminum-Alloy body
- Low handling noise for clear sound
- Includes Pouch

## Specifications

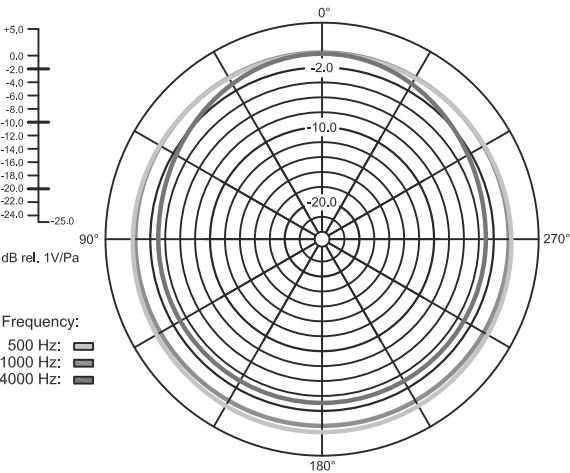
Acoustic Principle:	Dynamic
Polar Pattern:	Omni-directional
Frequency Range:	70Hz ~ 15 000Hz
Output Impedance:	200Ω ± 30% at 1KH z
Sensitivity:	-56 dB re 1V/Pa(1.0mV @
	94 dB SPL) ± 3 dB @ 1 kHz
Output Connection:	XLR
Weight:	191g
Dimensions:	42x269.5x42mm
	1.66"x10.6"x1.66"

# Specifications

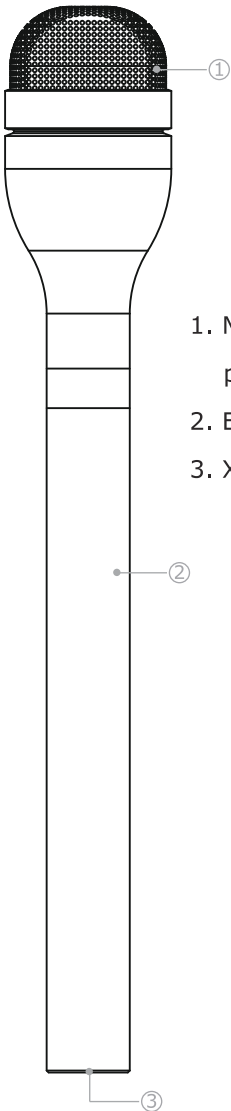
## FREQUENCY RESPONSE



## POLAR RESPONSE



## Structure



1. Mesh head with internal plosive screen
2. Extra long handle
3. XLR connector

感谢您选择BOYA!

博雅BY-HM100是全向型的手持麦克风，适用于采访和演讲等场合，频率响应为70 Hz-15 kHz，对声音的频率进行筛选，减少不必要的低频噪音，如爆破音和风噪音，最大限度地还原声音清晰度。

BY-HM100是动圈式麦克风，无需外接幻象电源，无电源供给的录音场景也能轻松应对。BY-HM100是一款专业级别XLR麦克风，黑色哑光铝合金设计结构，其中包装还配置了束口袋。

如需更多信息，欢迎访问我们的网址是[www.boya-mic.com](http://www.boya-mic.com)，或发送问题到[sales@boya-mic.com](mailto:sales@boya-mic.com)。

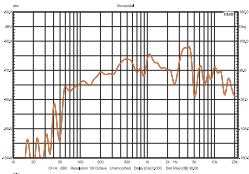
特点

- 适用于电子新闻采集和采访
- 动圈式麦克风
- 高质量录音音质
- 不需要额外电池或幻象电源供电
- 360°全向型拾音模式
- 坚硬铝合金结构
- 低手持噪音，录制声音清晰
- 配备收纳袋

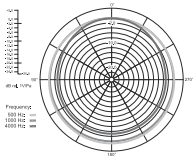
参数

声学原理:	动圈式
拾音模式:	全向型
频率范围:	70Hz ~ 15 000Hz
输出阻抗:	200Ω ± 30% at 1KH z
灵敏度:	-56 dB re 1V/Pa(1.0mV @
	94 dB SPL) ± 3 dB @ 1 kHz
输出接口:	XLR
重量:	191g (6.7oz)
尺寸:	42x269.5x42mm

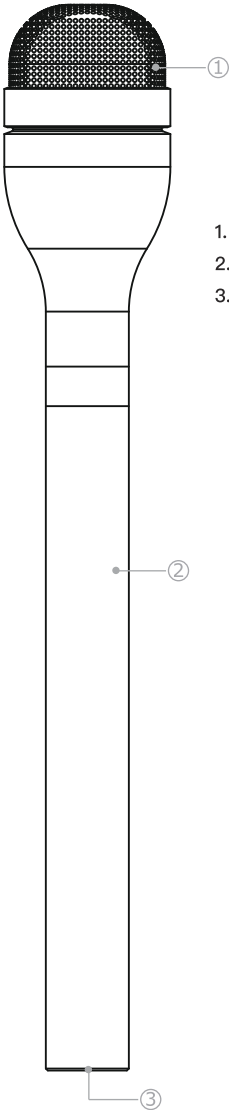
频率响应



心形图



产品结构



- 1. 防喷麦罩
- 2. 超长话筒手柄
- 3. 三芯XLR输出接口

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深圳市长丰影像器材有限公司

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