



**BY-DM2**  
Digital Lavalier Microphone  
Instruction Manual

**Instruction**

Thank you for purchasing the BOYA BY-DM2 digital lavalier microphone!

The BY-DM2 is a professional audio solution for your Android devices.

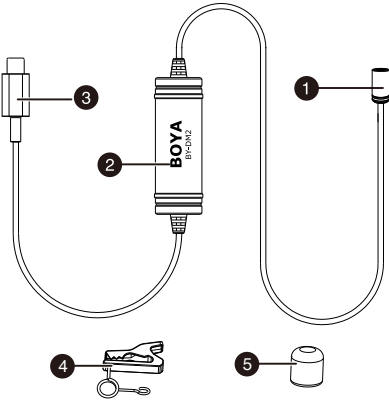
This lavalier microphone can connect with any Android device with Type-C connector and help captures clear, high-quality sound during audio recording.

It can offers up to 24-bit / 48 kHz resolution with a frequency response of 25 Hz to 20 kHz.

The Type-C connector can support below equipment:

- SAMSUNG: Galaxy s9, s9+, s8, s8+, s7+, c9 c7 c5 Pro...
- HUAWEI: p20, p20 pro, Mate10,9, Nova 2,2s, Honor10,9...
- XIAOMI: 8, 6, 5s, 5s+, 5, 4c, Note3, Note2...
- MEIZU: Pro7, Pro7+, Pro6, Pro6+, 15, 15+, M15...
- LG: G6, Q6, V30, V20...
- OPPO: Find X...
- VIVO: Vivo NEX...
- Google: Pixel, Pixel 2...
- And more

**Components**



- ① Omnidirectional Mic
- ② Analog to Digital Conversion circuitry
- ③ USB Type-C connector
- ④ Clothing clip
- ⑤ Foam wind screen

**Features**

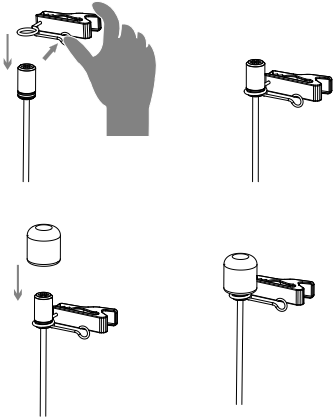
- USB Type-C connector for Android devices
- Omnidirectional Mic
- 24-bit / 48 kHz digital recording
- Includes Mic Clip and wind screen
- All-metal construction
- Includes Carrying Pouch

**Package contents**

- Digital Lavalier microphone
- Foam wind screen
- Clothing clip
- Velcro
- Carrying pouch
- User Guide

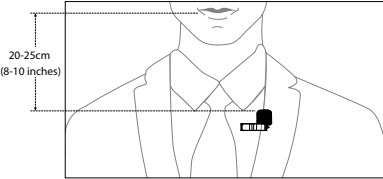
**Operations**

- \* The clip is installed before leaving factory
1. Install clip (in case need to re-install the clip, please follow the following steps) and wind screen

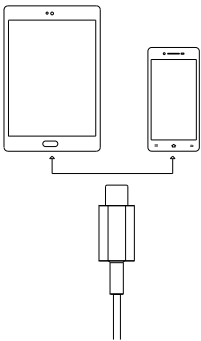


**2. Mounting the microphone to your Clothing**

- Attach the microphone to the front of your clothing with the clothing clip, about 20-25cm (8-10 inches) from your face.
- 1) Attach the microphone upside down to reduce excessive breath noises and tonal inconsistencies due to head movements.
- 2) It is recommended that you use the foam wind screen at all times to avoid wind noise, even when recording inside.



**3. Connect BY-DM2 to USB Type-C port on your Android device.**



- Tips and notes:
1. Some device default to use its build-in microphone, you may need to download a third-party recording App and set external microphone mode manually.

2. In case your Android device can not recognize BY-DM2, please try disconnect and reconnect to USB Type-C port of your device and try to record again.
3. It is recommended that you set your Android device to airplane mode to prevent any incoming calls from disrupting your recordings.
4. Before recording an important event, record and play back a short test clip with the microphone attached to ensure audio recording is functioning properly.

**Specifications:**

Audio output connector:	USB Type-C connector
AD Conversion:	Multibit DeltaSigma
Pick-up Pattern :	Omni-directional
Transducer Principle :	Pre-polarized condenser microphone
Frequency response:	25Hz-20KHz
Sensitivity:	-42+/-3dB (@1KHz , 0dB=1v/Pa)
Gain :	0-35 dB
Sampling frequency:	44.1kHz/ 48 kHz
Bitrate:	16Bit /24Bit
Power Requirements:	Supplied by your Android device
Cable :	6.0m (20ft)
Capsule Diameter:	6.5 mm(0.26")
Net Weight:	58g

[www.boyamicro.com](http://www.boyamicro.com)

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# 深圳市长丰影像器材有限公司

产品/零件名称	BY-DM2说明书	比例	1 : 1	版本	V00
工程图号	BY-DM2说明书V00	物料描述	材质：105g双铜纸 双面印刷 5折页		
物料编号	1F14015BY0131	尺寸/用量	尺寸：70x100mm	1PCS	
制图人/日期	吴蒙蒙/2018-7-31	审核/日期			