	1		2
品牌		长丰型号	

		7			8
	修改名称	版本	变更内容	变更日期	变更担当

Panel 1

BOYA

BY-M100
BY-M110
BY-M100D
BY-M100UC
BY-M100UA

Mininature Condenser Microphone
迷你电容式麦克风系列

Introduction

BY-M100 is mininature size, omnidirectional 3.5mm TRS microphone for DSLR, camcorder, recorder.

BY-M110 is mininature size, omnidirectional 3.5mm TRRS for smartphone, laptop, tablet and others.

BY-M100D is mininature size, omnidirectional MFi certificated Lightning microphone for iPhone, iPad, iPod.

BY-M100UC is mininature size, omnidirectional microphone for most Type-C devices.

BY-M100UA is mininature size, omnidirectional microphone for USB devices, such as Windows and Mac computers.

3.5mm TRS

3.5mm TRRS

Lightning
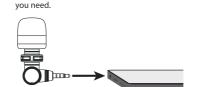
Type-C

USB

Panel 2

Quick Setup Guide

BY-M100
1. Plug the 3.5 mm TRS connector into your recording device's audio input jack.
2. Rotate and turn the microphone towards the subject you want to record.
3. Turn on your recording device, then record a short audio segment to make sure that the microphone is working correctly:
   • If sound is too quiet, move the microphone closer.
   • If sound is distorted, the audio is too loud. Move the microphone farther away.
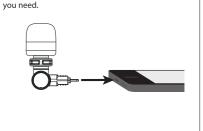4. Use your recording device to record the audio you need.

Panel 3

BY-M110
1. Plug the 3.5 mm TRRS connector into your recording device's audio input jack.
2. Tilt and turn the microphone towards the subject you want to record.
3. Turn on your recording device, then record a short audio segment to make sure that the microphone is working correctly:
   • If sound is too quiet, move the microphone closer.
   • If sound is distorted, the audio is too loud. Move the microphone farther away.
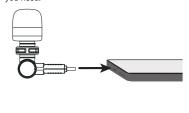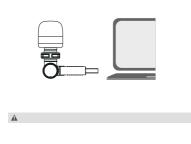4. Use your recording device to record the audio you need.

Panel 4

BY-M100D
1. Plug the Lightning connector into your recording device's audio input jack.
2. Tilt and turn the microphone towards the subject you want to record.
3. Turn on your recording device, then record a short audio segment to make sure that the microphone is working correctly:
   • If sound is too quiet, move the microphone closer.
   • If sound is distorted, the audio is too loud. Move the microphone farther away.
4. Use your recording device to record the audio you need.

Panel 5

BY-M100UC
1. Plug the Type-C connector into your recording device's audio input jack.
2. Tilt and turn the microphone towards the subject you want to record.
3. Turn on your recording device, then record a short audio segment to make sure that the microphone is working correctly:
   • If sound is too quiet, move the microphone closer.
   • If sound is distorted, the audio is too loud. Move the microphone farther away.
4. Use your recording device to record the audio you need.

Panel 6

BY-M100UA
1. Plug the USB connector into your recording device's audio input jack.
2. Tilt and turn the microphone towards the subject you want to record.
3. Turn on your recording device, then record a short audio segment to make sure that the microphone is working correctly:
4. Use your recording device to record the audio you need.

Panel 7

Attach BY-M100UA to computer or laptop with USB-A port.
Set up for Windows
1. Connect the microphone to the computer with the supplied charge cable.
2. Select the microphone as the default device and click Start Menu →Control Panel→Sounds and Audio Devices.

3. Select BY-M100UA and click OK.

Panel 8

Monitoring and adjust the microphone gain control
If you want to hear microphone feedback from the computer, please follow the step below:

1. Plug the headphone into headphone jack of your computer.
2. Open microphone's control panel and click "Listen to this device".

3. Ajust the "BY-M100UA" microphones' gain to a proper level.

Features

BY-M100
- 3.5mm TRS microphone for DSLR, camcorder, recorder
- 50Hz to 18kHz frequency response
- Plug and play operation
- 180° rotating head, convenient for capturing audio
- Includes foam windscreen

Panel 9

BY-M110
- 3.5mm TRRS microphone for smartphone, laptop, tablet and others
- 50Hz to 18kHz frequency response
- Plug and play operation
- 180° rotating head, convenient for capturing audio
- Includes foam windscreen

BY-M100D
- Mininature microphone for iPhone, iPad, iPod (MFi certificated Lightning connector)
- 50Hz to 18kHz frequency response
- Plug and play operation
- 180° rotating head, convenient for capturing audio
- Includes foam windscreen

Panel 10

BY-M100UC
- Mininature microphone for most Type-C devices
- 50Hz to 18kHz frequency response
- 16Bit/48kHz resolution
- Plug and play operation
- 180° rotating head, convenient for capturing audio
- Includes foam windscreen

BY-M100UA
- Omnidirectional microphone for Windows and Mac computers
- 50Hz to 18kHz frequency response
- 16Bit/48kHz resolution
- Plug and play operation
- 180° rotating head, convenient for capturing audio
- Includes foam windscreen

Panel 11

Specifications

Sensitivity	-36±2dB(0dB=1V/ Pa,at 1KHz)
Polar Pattern	Omnidirectional
Signal to Noise Ratio	65 dB S: (f=1KHz,S.P.L=1Pa) N: (A-Weighted curve)
Frequency Response	50Hz-18kHz
Power Requirement	BY-M100D: Supplied by iOS device
	BY-M100UC: Supplied by Android Devices
Connector	BY-M100: TRS
	BY-M100D: Available on all devices with lightning ports that support iOS 10 or later
	BY-M100UC: Type-C Connector
	BY-M100UA: USB Connector
	BY-M110: TRRS
Weight	BY-M100: 9g (0.3 oz)
	BY-M100D: 9.5g (0.3 oz)
	BY-M100UC: 10.5g (0.4 oz)
	BY-M100UA: 14.5g (0.51 oz)
	BY-M110: 9g (0.3 oz)
Cable Length	BY-M100: φ18x74mm (φ0.7x2.9")
	BY-M100D: φ18x72mm (φ0.7x2.8")
	BY-M100UC: φ18x80mm (φ0.7x3.1")
	BY-M100UA: φ18x75mm (φ0.7x2.95")
	BY-M110: φ18x74mm (φ0.7x2.9")
Sampling Frequency	BY-M100UC/UA: 48 kHz
Bitrate	BY-M100UC/UA: 16 Bit

Panel 12

感谢您选择BOYA!

BY-M100是3.5mm TRS 迷你全向型麦克风 (适配单反，摄像机，录音笔等)

BY-M110是3.5mm TRRS 迷你全向型麦克风 (适配手机，笔记本，平板等)

BY-M100D是MFi 认证 Lightning迷你全向型麦克风 (适配iPhone, iPad, iPod)

BY-M100UC是迷你全向型 麦克风（适配Type-C设备）

BY-M100UA是迷你全向型 麦克风（适配USB电脑设备）

3.5mm TRS

3.5mm TRRS

Lightning

Type-C

USB

Panel 13

用户指南

BY-M100
1. 将麦克风的3.5mm TRS插头接入设备
2. 将麦克风旋转至理想的录音角度
3. 如果声音失真，录音声音过高，请将增长录音距离。
4. 开始录音

BY-M110
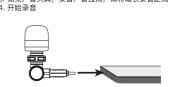1. 将麦克风的3.5mm TRRS插头接入设备
2. 将麦克风旋转至理想的录音角度
3. 如果声音失真，录音声音过高，请将增长录音距离
4. 开始录音

Panel 14

BY-M100D
1. 将麦克风的Lightning插头接入设备
2. 将麦克风旋转至理想的录音角度
3. 如果声音失真，录音声音过高，请将增长录音距离
4. 开始录音

BY-M100UC
1. 将麦克风的Type-C插头接入设备
2. 将麦克风旋转至理想的录音角度
3. 如果声音失真，录音声音过高，请将增长录音距离
4. 开始录音

Panel 15

BY-M100UA
1. 将麦克风的USB插头接入设备
2. 将麦克风旋转至理想的录音角度
3. 如果声音失真，录音声音过高，请将增长录音距离
4. 在计算机上设置输入和输出操作
5. 开始录音

麦克风连接电脑的操作步骤
Windows电脑设置教程
1. 选择相应的转接线，连接麦克风和电脑。
2. 设置麦克风为默认设备，点击"开始"菜单→"控制面板"→"硬件"和声音。

Panel 16

3. 在"录制"栏中，选择"BY-M100UA"并点击"确认"。

监听和麦克风增益调节
如果您想在电脑里听到麦克风反馈，请按以下步骤操作：

1. 请将耳机插入电脑的耳机插孔
2. 点击麦克风控制面板，点击"收听此设备"

Panel 17

3. 将"BY-M100UA"增益调到合适的水平

特点
- 3.5mm TRS迷你全向型麦克风 (适配单反，摄像机，录音笔等)（BY-M100）
- 3.5mm TRRS迷你全向型麦克风 (适配手机，笔记本，平板等)（BY-M110）
- MFi 认证Lightning迷你全向型麦克风 (适配iPhone, iPad, iPod)（BY-M100D）
- 迷你全向型麦克风（适配Type-C设备）（BY-M100UC）
- 迷你全向型麦克风（适配USB电脑设备）（BY-M100UA）
- 50Hz-18kHz频率响应
- 即插即用操作
- 180°旋转角度，轻松调节录音角度
- 配备防风海绵

Panel 18

Specifications

灵敏度	-36±2dB(0dB=1V/ Pa,at 1KHz)
拾音模式	全向型
信噪比	65dB S: (f=1KHz,S.P.L=1Pa) N: (A-Weighted curve)
	50Hz-18kHz
频率响应	BY-M100D: iOS设备供电
供电方式	BY-M100UC: 安卓设备供电
麦克风接口类型	BY-M100: TRS 接口
	BY-M100D: 支持iOS10.0以上版本的Lightning设备
	BY-M100UC: Type-C接口
	BY-M100UA: USB C接口
	BY-M110: TRRS接口
重量	BY-M100: 9g
	BY-M100D: 9.5g
	BY-M100UC: 10.5g
	BY-M100UA: 14.5g
	BY-M110: 9g
尺寸	BY-M100: φ18*74mm
	BY-M100D: φ18*72mm
	BY-M100UC: φ18*80mm
	BY-M100UA: φ18*75mm
	BY-M110: φ18*74mm
采样率	BY-M100UC/UA: 48 kHz
位宽	BY-M100UC/UA: 16 Bit

www.boya-mic.com

长丰影像
2020-9-23
吴蒙蒙

JIAYZ 长丰 深圳市长丰影像器材有限公司

子件名称	BY-M100中英文说明书		版本	V00
子件编号	1F0300300307	材质	80g书写纸	骑马钉 20p
尺寸	60x80	比例	1:1	单位 mm
设计/日期	吴蒙蒙 2020-9-23	审核 暂无	核准/日期	赵宏亮