www.boya-mic.com

SHENZHEN JIAYZ PHOTO INDUSTRIAL., LTD.

# Boya Microphone Catalog

Design / Performance / Sound



#### DISTRIBUIDOR OFICIAL PARA PORTUGAL

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# BOYA MICROPHONE CATALOG

2020









#### **ABOUT US**

BOYA is a leading and well-known audio supplier started in 2007. We specialize in providing all kinds of audio solutions such as: wired audio devices, wireless audio system, potable audio and mobile audio system for different level of customers. Now our products have been sold to and available in more than 150 countries and regions.

With a professional R&D team for over 100 engineers, we're able to develop all kinds of innovate and creative products by our own with latest technology.

With our own production factory, we have the capability to supply our customers with sufficient stock.

With our internal quality control department, we control every process of our production including from the very beginning of developing a new product. With quality control, we assure that all customers receive quality products from us.

With after-sales service department, we provide our customers fast and high level after-sales service if any product is found not working properly.

# **Boya Microphone Catalog**

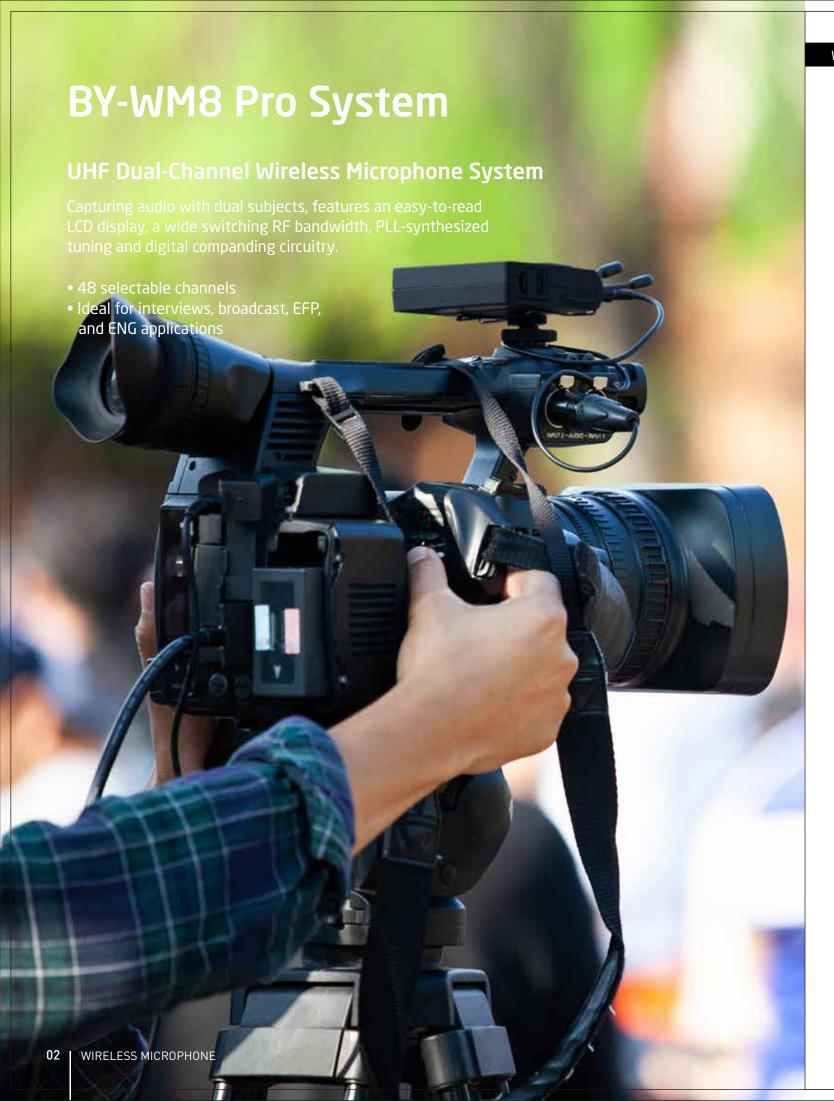
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## TX8 PRO

#### **Bodypack Transmitter**

Rugged lightweight design for easy use with RX8 Pro and SP-RX8 Pro.

- A or B channel group for selection Selectable Mic/Line Input
- Mute function
- RF output power: ≤10 mW
- Distortion: 0.5% or less

## BY-WHM8 PRO

## Handheld Transmitter

With a dynamic, cardioid capsule, suitable for BOYA RX8 Pro and SP-RX8 Pro.

- A or B channel group for selection
- Cardioid microphone transmitter
- Lightweight, durable housing
- RF output power: ≤10 mW • Signal-to-noise ratio: 80 dB

# **BY-WXLR8 PRO**

#### XLR Plug-on transmitter

Plug-On Transmitter with XLR connection works with any XLR dynamic microphone or batterypowered condenser microphone, easily comparing with BOYA RX8 Pro and SP-RX8 Pro.



- UHF transmission with 48 channels
- A or B channel group for selection
- Locking XLR & 3.5mm TRS Inputs
- Selectable Mic/Line Input
- Mute function
- Powered by two AA batteries

# SP-RX8 PRO

# Handheld Receiver for Smartphone

SP-RX8 Pro handheld wireless receiver works with BOYA TX8 Pro. BY-WHM8 Pro and BY-WXLR8 Pro as a wireless audio kit for iphone, and android devices.

- A or B channel group for selection
- Shutter button for taking pictures and videos
- Real-time monitoring
- 2\* AA batteries or 5V

## RX8 PRO



## **Bodypack Receiver**

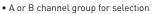
Features digital companding circuitry and easy-to-read LCD display, suitable for BOYA TX8 Pro. BY-WHM8 Pro and BY-WXLR8 Pro.

- Wide frequency coverage
- Adjustable MONO and Stereo
- Headphone output • Distortion: 0.5% or less
- Power supply: 2\* AA batteries

## **RX-XLR8 PRO**

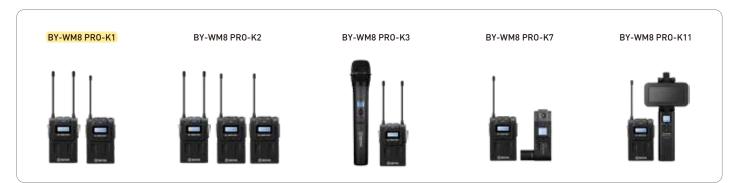
## Camera-Mount Plug-In Receiver

Attaches to a video camera's XLR microphone input directly, RX-XLR8 PRO can rotate both clockwise and counter clockwise It works with BOYA TX8 Pro, BY-WHM8 Pro and BY-WXLR8 Pro



- Adjustable MONO and Stereo
- Distortion: 0.5% or less

## BY-WM8 Pro System





## BY-WM4 PRO-K1



#### 2.4 GHz Wireless Microphone

BY-WM4 Pro-K1 is compact digital wireless microphone system, designed for reliable and troublefree performance, such as live streams, video production and more.

- Dual-Channel wireless receiver
- Light and compact for easy carrying
- Operation Range: 60m (197ft) (without obstacle)

## BY-WM4 PRO-K2



#### **Dual-Channel Wireless** Microphone Kit

Consists of two body-pack transmitters, a portable receiver, it's a perfect digital solution for recording two subjects to your mobile device, camera or camcorder, such as interviews, podcast, and mobile journalism

- Super-clear recording sound
- Master volume controlUP to 84dB Signal/Noise ratio

## **BY-WM4 RXD**



#### 2.4GHz Wireless Receiver for iOS devices

Dual-channel digital 2.4GHz wireless system, it's ideal for YouTubers, vloggers, mobile journalists to iPad, iPhone, iPod touch.

- Apple MFI certified Lightning connector
- Selectable stereo and mono mode
- Ultracompact and miniature-size

## **BY-WM4 RXU**



#### Type-C Wireless Receiver

Ultracompact dual-channel digital plug-in receiver is for easily using with two bodypack transmitters (TX4 Pro) to your Android and other Type-C devices.

- Operates on 2.4 GHz Frequency Band
- Type-C Connector
- 3.5mm headphone output

# More options:







## **BY-WM6S**

- Compatible with Smartphone, DSLR camera, consumer camcorder, PC and more
- Deliver clean and broadcast-quality sound for recording
- UHF transmission with 48 channels
- Omnidirectional lavalier microphone included
- Easy-to-read OLED displays
   USB Type-C ports for battery recharging
   Rugged all-metal construction
   Up to 70m (230')(without obstacle) operation range

- Mute function
- 3.5mm headphone output

Channel number:	48
RF output level:	10mW
Oscillator type:	PLL synthesizer
Signal to noise ratio:	82dB or more
Frequency respose:	40Hz to 18KHz (+/-3dB)
Distortion:	0.1% or less
RF sensitivity :	-98dBm
Battery:	Built-in rechargeable lithium battery

## BY-WFM12

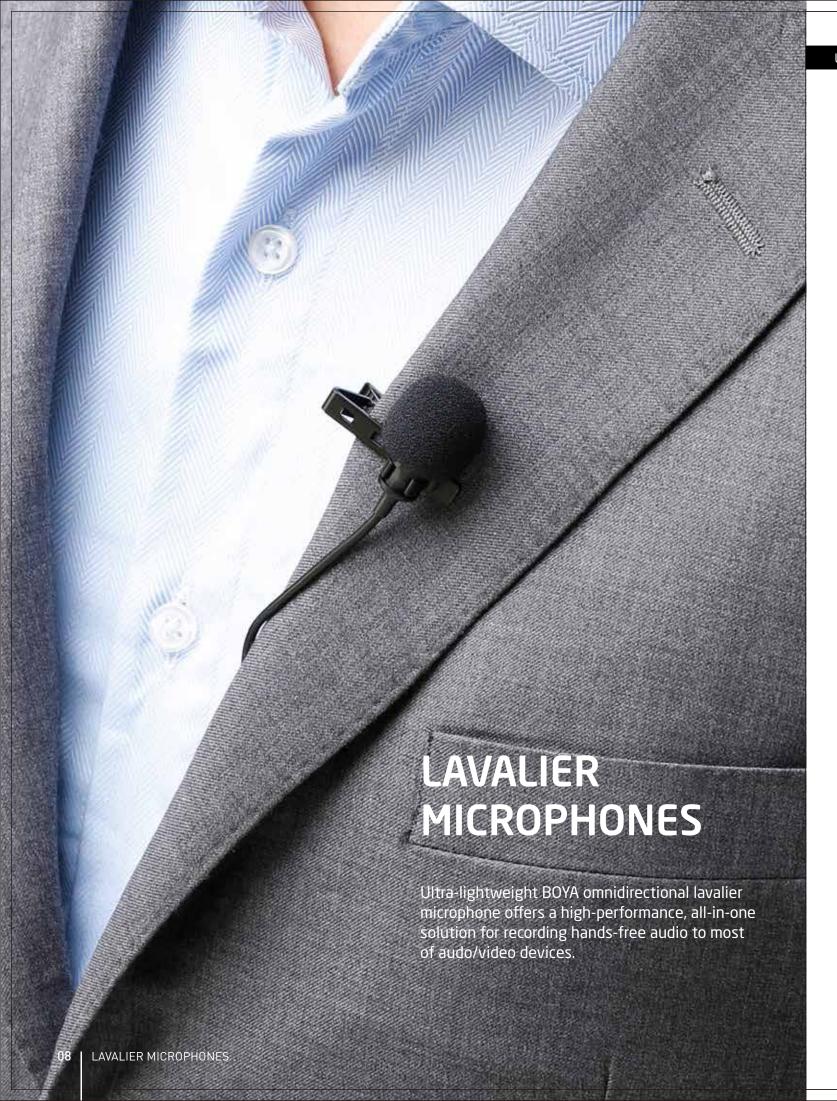
## VHF wireless microphone system

BY-WFM12 is a 12-Channel VHF wireless microphone system, capturing audio with smartphone, tablets, DSLR, camcorder, audio recorders, PC and more. • High-band VHF operation for superior sound Two MIC jacks for transmitter

# Automatically matched for receiver

## BY-WFM12-K3





## BY-M1 Pro

#### **Omnidirectional Lavalier Microphone**



- Clip-On Mic for Smartphones, DSLR, Camcorders, Audio recorders, PC etc.
- Omnidirectional lavalier microphone
- Higher sound quality and lower noise
- A selectable -10dB pad
- Switchable Smartphone and Camera mode
- 3.5mm headphone jack for Smartphone mode

Frequency response:	70Hz- 18KHz
Signal/Noise:	78dB or more
Output impedance:	1000Ω or less
Power requirement:	LR44 (Included)
Cable Length:	6.0m(20ft)

## BY-M1

#### Lavalier Microphone



- Clip-on lapel microphone for Smartphones, cameras, camcorders, audio recorders, PCs
- High-quality condenser microphone, ideal for accurate voice recording
- Omni-directional pick-up pattern for exible, easy use
- Low handling noise

Frequency Range:	65Hz ~ 18KHz
Signal/Noise:	74dB SPL
Sensitivity:	-30dB +/- 3dB / 0dB=1V/Pa, 1kHz
Includes:	lapel clip, LR44 battery, foam windscreen, 1/4" Adapter
Cable Length:	6.0m(20ft)

## BY-M1DM

#### **Dual Omnidirectional Lavalier Mic**



- For Smartphones, DSLR, Camcorders, Audio recorders, PC etc
- Omni directional condenser microphone
- Excellent for interviews
- Improved Sensitivity & Signal-to-Noise

Frequency response:	65Hz-18KHz
Signal/Noise:	74dB or more
Power requirement:	LR44 (included)
Includes:	lapel clip, LR44 battery, foam windscreen, 1/4" Adapter
Cable length:	4m(13ft)

## BY-UM2

#### Flexible 3.5mm(1/8") Jack TRS Microphone

With TRS locking mini plug, flexible cable, plug and play and metal construction design, BOYA BY-UM2 can work with BOYA BY-WM8 Pro, BY-WM4 Pro, BY-WM6S and more.



Transducer:	Condenser
Polar pattern:	Omni-directional
Frequency Range:	35Hz ~ 18kHz
Signal / Noise:	74dB SPL
Sensitivity:	-30dB +/-3dB / 0dB=1V/Pa, 1 kHz
Connector:	3.5mm TRS locking mini plug
Length:	16cm(6.3")

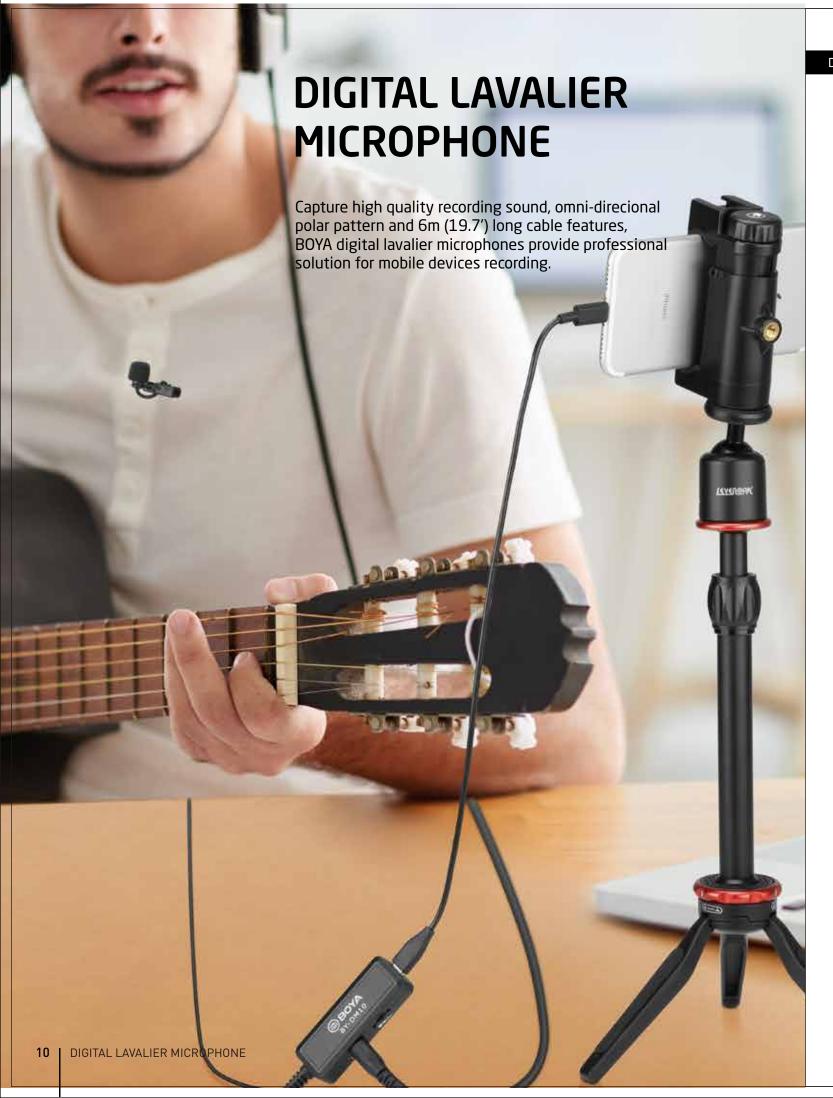
## BY-UM4

#### Flexible 3.5mm(1/8") Jack TRRS Microphone

Feature TRRS connector, flexible cable and Plug and play design, it's specially designed for mobile devices and any computer with 3.5mm headphone/ microphone combo jack.



Transducer:	Condenser
Polar pattern:	Omni-directional
Frequency Range:	35Hz ~ 18kHz
Signal / Noise:	74dB SPL
Sensitivity:	-30dB +/-3dB / 0dB=1V/Pa, 1 kHz
Connector:	3.5mm TRRS plug
Length:	16cm(6.3")



## BY-M2

Digital Lavalier Microphone for iOS devices



- Omnidirectional polar pattern 24 bit/48 kHz digital resolution
- Apple MFi certified Lightning connector
- Plug and play
- Full suite of recording software/Apps

iOS System Compatibility:	iOS 8.0 or Later
Signal to Noise Ratio:	76dB or more
Frequency Response:	50 Hz-20 kHz
Sensitivity:	-40dB+/-3dB (0dB=1V/Pa, at 1KHz)
Cable Length:	6m (19.7')

## BY-M3

Clip-on USB Type-C Lapel Microphone



- Omnidirectional polar pattern
- Compatible with most of Type-C devices
  16 bits/48KHz digital resolution
- Low handing noise
- Powered by USB Type-C devices

Connetor:	Type-C (USB-IF certified)
Signal to Noise Ratio:	76dB or more
Frequency Response:	50 Hz-20 kHz
Sensitivity:	-40dB+/-3dB (0dB=1V/Pa, at 1KHz)
Cable Length:	6m (19.7')

## BY-DM10

Digital Lavalier Microphone for iOS/Mac/Windows



- Designed for iOS Devices, and any Mac, Windows computer
- Omnidirectional clip-on microphone
- Apple MFi certified Lightning connector
- All-metal construction
- -42+/-3dB(0dB=1V/Pa,at 1KHz)

Signal to Noise Ratio:	80dB and more
Frequency Response:	40Hz-20kHz
Sampling Frequency:	44.1 kHz / 48 kHz/96kHz
Bitrate:	16Bit / 24Bit
Cable Length:	6m (19.7')

## BY-M2D

Digital Dual Lavalier Microphones for iOS devices



- Dual-mic design ideal for interviews
- Apple MFi certified Lightning connector
- 24 bit/48 kHz digital resolution • Full suite of recording software/Apps
- Plug and play
- iOS System Compatibility: iOS 8.0 or Later Signal to Noise Ratio: 76dB or more Frequency Response: 50 Hz-20 kHz -40dB+/-3dB Sensitivity: (0dB=1V/Pa, at 1KHz) 6m (19.7') Cable Length:

## BY-M3D

Digital Dual Lavalier Microphones



- Dual-lapel omnidirectional microphone
- 16 bits/48KHz digital resolution
- Low handing noise
  Each mic routes to left channel and right channel
- Powered by Type-C devices

Connetor:	Type-C (USB-IF certified)
Signal to Noise Ratio:	76dB or more
Frequency Response:	50 Hz-20 kHz
Sensitivity:	-40dB+/-3dB (0dB=1V/Pa, at 1KHz)
Cable Length:	6m (19.7')

## BY-DM10UC

Digital Lavalier Microphone for Android/Mac/Windows



- Designed for Android devices, and any Mac, Windows computer
- Omnidirectional clip-on microphone
- Improve your video with high-quality sound
- All-metal construction

Sensitivity:	-42+/-3dB(0dB=1V/Pa,at 1KHz)
Polar Pattern:	Omni-directional
Signal to Noise Ratio:	80dB and more
Frequency Response:	40Hz-20kHz
Gain:	0-30 dB
Sampling Frequency:	44.1 kHz / 48 kHz/96kHz
Bitrate:	16Bit / 24Bit
Cable Length:	6m (19.7')



## **BY-DM100**

#### Plug-in Microphone for Android devices



- Specially designed for Android devices
- Type-C connector
- Cardiod polar pattern
- Plug and play

Frequency Response:	25-20,000Hz
Sensitivity:	-36±3dB (0dB=1V/Pa,at 1KHz)
Signal to Noise Ratio:	80dB

## **BY-DM200**

#### Plug-in Microphone for iOS Devices



- Specially designed for iPad, iPhone, iPod touchApple MFi certifed Lightning connector

- Plug and play

Frequency Response:	25-20,000Hz
Sensitivity:	-36±3dB (0dB=1V/Pa,at 1KHz)
Signal to Noise Ratio:	80dB

## BY-MM1

#### **Universal Compact Microphone**



- Compact on-camera microphone
- Compatible with smartphones, DSLR cameras, Consumer Camcorders, PCs etc.
- Rugged metal construction
- No battery required
  Rycote<sup>®</sup> Lyre<sup>®</sup> shock mount included

Polar pattern:	Cardioid
Frequency Response:	35-18KHz +/-3dB
Sensitivity:	-42dB +/- 1dB / 0dB=1V/Pa, 1kHz
Signal to Noise Ratio:	76dB SPL
Plug:	3.5mm TRS and TRRS connection

## BY-MM1+

#### **Universal Compact Microphone**



- Compatible with smartphone, tablet, DSLR, consumer camcorder, PC and more
- Improved sensitivity and signal to noise ratio
- Durable all-metal construction
- 3.5mm headphone output
   Rycote® Lyre® shock mount and furry windshield included

Polar pattern:	Super-cardioid
Frequency Response:	20Hz- 18kHz
Sensitivity:	-36dB±3dB (0dB=1V/Pa, 1kHz)
Signal to Noise Ratio:	78dB
Plug:	3.5mm TRS and TRRS connection

## BY-DM20



#### Mobile devices Interview Kit

BOYA BY-DM20 is digital dual-mic kit consists of two omnidirectional condenser lavalier microphones, works with iOS, Android devices or computers for presentations, podcasts, vlogging, interviews, or any situation where one subject or more than one subject needs to be recorded.

- Digital dual lavalier microphones
- Specially designed for iOS, Android devices or computers
- Available for direct monitoring and playback monitoring
- A selectable Stereo/Mono pad
- 3.5mm stereo headphone jack

Output:	Type-C connector
Frequency Response:	45Hz-20kHz
Gain:	030dBu
Sampling Frequency:	44.1 kHz / 48 kHz
Bitrate:	16Bit / 24Bit
Connector:	1) Apple MFi certified Lightning
	2) Type-C
	3) USB-A

## BY-HM2



#### Digital Handheld Microphone for iOS/ Android/Mac/Windows

Featuring a cardioid polar pattern, a low-noise preamp, high-definition 24-bit recording with up to 96 kHz sampling rate design, well-suited for capturing speech, vocals, acoustic instruments, and more.

- Works with Most iOS & Android Devices, Computers
- Rugged, durable metal housing
- 3.5mm output headphone jack
- Onboard gain control adjusts input level
- Headphone output with volume control
- Mic stand adapter and carrying pouch included
- Full Suite of recording software/Apps

Microphone Type:	Condenser Electret
Polar Pattern:	Cardioid
Frequency Response:	20-20,000Hz
Sensitivity:	-40±3dB (0dB=1V/Pa @ 1KHz)
Signal to Noise Ratio:	85dB
Conversion:	16-bit/24-bit
Sampling rate:	44.1 kHz ,48 kHz/96kHz
	1) Apple MFi certified Lightning
Connector:	2) Type-C
	3) USB-A
Cable length:	1.2m (4ft)

## BY-BMM400

#### Microphone and Speakerphone System for Mobile and Computer

With portable and compact design, acoustic echo and noise cancellation, mute function, you can connect BOYA BY-BMM400 to smartphone, tablet, Mac or Windows computer and turns any room into a conference facility, or as a microphone to capture crystal-clear and high-quality audio recordings.

- LED and Audio Indicators
- Omni directional and noise filter microphone
- Plug-and-Play operation
- Includes built-in lithium battery
- 3.5mm headphone output
- Also includes 3.5mm TRRS MIC jack

Microphone Type:	Condenser Electret
Frequency Response:	20-20,000Hz
Sensitivity:	-45dB@1KHz
Output power:	2.5W
Battery Power:	3.7V/800mAh
Length:	1.2m
	1) 3.5mm TRRS
Connector:	2) Type-C
	3) USB-A



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## BY-M3-OP

#### Clip-on Digital Lavalier Microphone



- Specially designed for DJI OSMO<sup>™</sup> Pocket
- Omnidirectional digital lavalier microphone
- Improved your videos with high-quality sound
- Up to 24bit/96kHz sampling rate
- Plug and play operation

Connetor:	USB Type-C Connector
Signal to Noise Ratio:	78dB and more
Frequency Response:	50 Hz-20 kHz
Sensitivity:	-32±3dB (0dB=1v/Pa,at 1kHz)
Cable Length:	2m (3.3ft)
	-

## BY-DM100-0P

#### **Digital Condenser Microphone**



- $\bullet$  Specially designed for DJI OSMOTM Pocket
- Omnidirectional shotgun microphone
- Ultra-compact and lightweight
- Signifcantly improved sensitivity and signal to noise
- Up to 24bit/96kHz sampling rate

Connetor:	USB Type-C Connector
Signal to Noise Ratio:	82dB
Frequency Response:	50 Hz-20 kHz
Sensitivity:	-38±3dB (f=1KHz,0dB=1V/Pa)
Power Requirement:	Powered by DJI OSMO™ Pocket

## BY-K6

#### 3.5mm TRS (Female) to Type-C (Male) Audio Adapter



BY-K6 is a 3.5mm TRS (Female) to Type-C (Male) audio adapter specially designed for DJI OSMO™ Pocket, enabling to connect any 3.5mm TRS microphone.



## BY-BM3011

#### Compact Shotgun Mic



- For mobile devices, DSLRs, Camcorders & More
- High-quality compact shotgun Mic
- Powered by AAA battery

Polar pattern:	Cardioid
Frequency Response:	38 Hz - 20 kHz
Sensitivity:	-40±3dB (0dB=1V/Pa @ 1KHz) 100Ω
Signal to Noise Ratio:	80dB and more
Output Impedance:	100Ω
Operating time with battery:	72H

## BY-BM2021

#### **Compact Shotgun Mic**



- Compatible with Smartphones, DSLR Cameras, Audio recorders, PC etc
- Plug and play
- Requires 2.5V Camera plug-in Power
- Reinforced ABS construction

Polar pattern:	Super-Cardioid
Frequency Response:	40-20,000Hz
Sensitivity:	-35dB±3dB@1KHz
Signal to Noise Ratio:	76dB
Maximum SPL:	120 dB SPL

## **BY-VM600**

### **Shotgun Microphone**



- Studio recording qualityCardioid Polar Pattern

- Two step High Pass Filter (Flat/80Hz)
  2-position level control(0dB,+10dB)

Frequency Response:	35-18,000Hz
Sensitivity:	-38dB +/- 1dB / 0dB=1V/Pa, 1kHz
Signal to Noise Ratio:	78dB
Dimensions(L*H*D):	171*88*45mm
Net Weight:	95g

## BY-M17R

#### On-camera condenser shotgun microphone



- Super-cardioid polar pattern
- Capture crisp and clean sound
- Easy to use
   Powered by one AA battery

Acoustic Principle:	Condenser Microphone
Frequency Response:	20-20,000Hz
Sensitivity:	-42±3dB (0dB=1V/Pa @ 1KHz)
S/N:	78dB and more
Operating Time with Battery:	50H



## BY-BM3030

#### Video Shotgun Microphone



- $\bullet$  Designed for camcorders, DSLR, and portable recorders
- High-Quality Condenser Microphone
- Super-cardioid shotgun microphone
- 3.5mm(1/8" ) Mini-Jack Output

Acoustic Principle:	Line Gradient
Directional Pattern:	Super-Cardioid
Frequency Response:	40-20,000Hz
Sensitivity:	-38dB±3dB@1KHz
Power Supply:	2 x AA batteries (not included)
Operating time with battery:	150H

## BY-BM3032

#### Video Camera Shotgun Microphone



- Broadcast sound quality
- Super-cardioid shotgun microphone
- Wide frequency range and high sensitivity
- Excellent off-axis signal rejection
- Audio level adjustment
- Safety channel option on right channel
  3.5mm(1/8") stereo mini TRS connector
- Integrated shock mount

Frequency Response:	20-20,000Hz
Sensitivity:	-22dB±3dB@1KHz
Signal to Noise Ratio:	85dB
Power Supply:	2* AA batteries
Battery life:	50H
PAD Switch:	-10dB, 0dB, +20dB
Low-cut filter:	75Hz, 150Hz

## BY-BM3031

#### **Super-cardioid Shotgun Microphone**



- Broadcast quality condenser microphone
- Super-cardioid shotgun microphone
- Two steps high pass filter (Flat/80Hz)
- Three-step PAD (-10, 0, +20dB)
- Rugged reinforced ABS construction

Directional Pattern:	Super-Cardioid
Frequency Response:	40-20,000Hz
Sensitivity:	-38dB±3dB@1KHz
Signal to Noise Ratio:	80dB
Operating time with battery:	120H
PAD Switch:	-10dB,0dB,+20dB

## BY-BM3051S

#### Stereo/Mono Video Shotgun Microphone



- Designed for DSLR cameras, camcorders, recorder
- Super-cardioid polar pattern
- Mono/ Stereo Selectable
- Automatic Power ON function
- Improved sensitivity and signal to noise ratio
- Two steps high pass filter (flat, 75Hz)
- Three-level gain control (-10dB, 0, +20dB) 3.5mm TRS audio output

Acoustic Principle:	Condenser
Frequency Response:	20-20,000 Hz
Sensitivity:	-30±3dB (0dB=1V/Pa @ 1KHz)
Signal to noise ratio: 82dB	82dB
Gain Control:	-10dB,0dB,+20dB
Power Requirement:	Two AA batteries (not included)
Operating time with battery:	30 hours



## BY-PVM3000S

### Short super-cardioid shotgun microphone

- Ideal for video recording, interview, filmmaking and more
- Hypercardioid polar pattern
- Superior off-axis rejection
- 2-step low-cut filter (Flat/150Hz)
- Lightweight aluminum construction
- 24/48V phantom power or 1.5 AA battery

Transducer:	Electret condenser
Frequency response:	40-20000Hz
Signal to noise ratio:	80dB
Sensitivity:	-32±3dB, 0dB=1V/Pa, 1kHz
MAX. SPL:	48V phantom: 130dB SPL
	1.5V AA battery: 125dB SPL
Signal to Noise Ratio:	48V phantom: 80dB
	1.5V AA battery: 82dB
Plug	3-Pin XI R

#### Specifications:





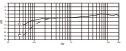


## BY-PVM3000M

#### Medium super-cardioid shotgun microphone

- Ideal for interview, sports commentary and filmmaking
- Hypercardioid polar pattern
- Superior off-axis rejection
- Narrow pickup angle
- Excellent RF immunity
- Two steps high pass filter (Flat/150Hz)

Transducer:	Electret condenser
Frequency response:	50-20000Hz
Signal to noise ratio:	80dB
Sensitivity:	-32±3dB, 0dB=1V/Pa, 1kHz
MAX. SPL:	48V phantom: 130dB SPL
	1.5V AA battery: 125dB SPL
Signal to Noise Ratio:	48V phantom: 80dB
	1.5V AA battery: 82dB
Plug:	3-Pin XLR





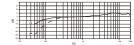


## BY-PVM3000L

#### Large supercardioid shotgun microphone

- Suitable for interview, broadcast and media applications
- Hypercardioid polar pattern
- Narrow pickup angle
- Excellent RF immunity
- Two steps high pass filter(Flat/150Hz)
- Lightweight aluminum construction

Transducer:	Electret condenser
Frequency response:	60-20000Hz
Signal to noise ratio:	80dB
Sensitivity:	-32±3dB, 0dB=1V/Pa, 1kHz
MAX. SPL:	48V phantom: 130dB SPL
	1.5V AA battery: 125dB SPL
Signal to Noise Ratio:	48V phantom: 80dB
	1.5V AA battery: 82dB
Plug:	3-Pin XLR



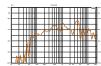


# BY-BM6040

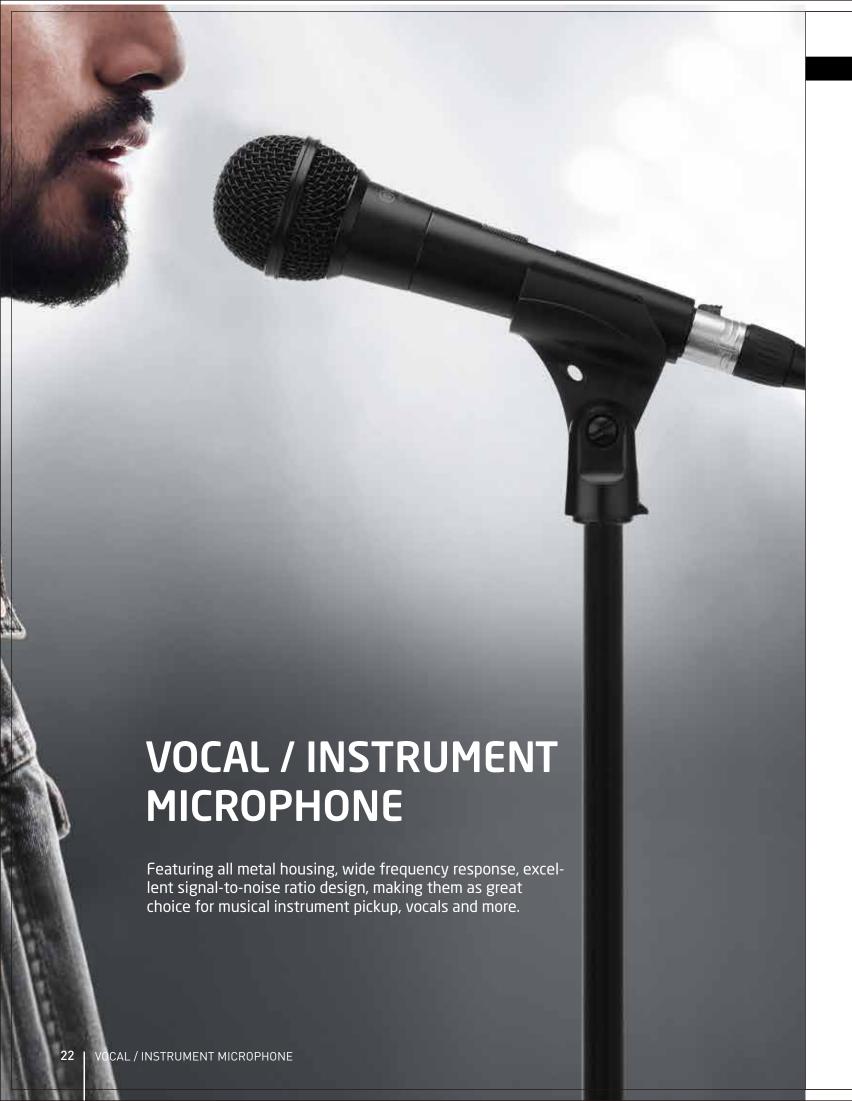
## **Shotgun Condenser Microphone**

- For budget-limited indie films, news gathering, TV & Location Recording
- Broadcast-quality sound
- High sensitivity and low-noise circuitry
- Great off-axis rejection
- Two step high pass filter (Flat/75Hz)
- Powered by 12-52V Phantom power

Capsule:	Electret Condenser
Polar Pattern:	Cardioid
Frequency Response:	20 - 20 KHz
Signal-to-Noise Ratio:	78 dB
Maximum SPL:	127 dB SPL
High Pass Filter:	75Hz
Output Connector:	3-pin XLR







## BY-BM57

#### **Cardioid Dynamic Instrument Microphone**

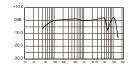
Features a cardioid dynamic handheld vocal microphone design, the BOYA BY-BM57 is ideal for capturing vocal and speech performance in applications for live stage, theater, rehearsals, meetings, and more.



With a professional quality dynamic MIC and extremely rugged and durable construction, BY-BM57 is perfect for instrument recording, vocal recording or live event performance.

- Clearly reproduce instrument and vocal sound
- Excellent cardioid polar pattern
- Built-in pop filter
- XLR cable and mic mount included

Polar pattern:	Cardioid
Frequency range:	40Hz-15kHz
Sensitivity:	-65±3dB, 0dB=1V/Pa, 1kHz
Cable length:	5.0m (16.4ft)





## **BY-BM58**

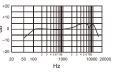
#### **Vocal Microphone**

Features a cardioid dynamic handheld vocal microphone design, the  $\ensuremath{\mathsf{BOYA}}$ BY-BM58 is ideal for capturing vocal and speech performance in applications for live stage, theater, rehearsals, meetings, and more.



- High-quality dynamic cardioid microphone Well-suited for instruments and vocals
- Bright and clean sound
- Durable and high-quality metal construction

Transducer:	Dynamic
Frequency Range :	50 Hz - 15 kHz
Impedance:	150 Ohms
Sensitivity :	-57.5 dBV/Pa at 1 kHz







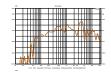
## **BY-HM100**

#### **Omni-Directional Handheld** Microphone

- Ideal for ENG & interviews
- Dynamic microphone capsule
- Excellent sound quality
- Durable aluminum-alloy body
- Low handling noise for clear sound

Frequency Range:	70Hz ~ 15 000Hz
Output Connection:	XLR
Sensitivity:	-56 dB

#### Specifications:



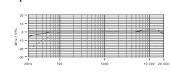


## BY-BM6060

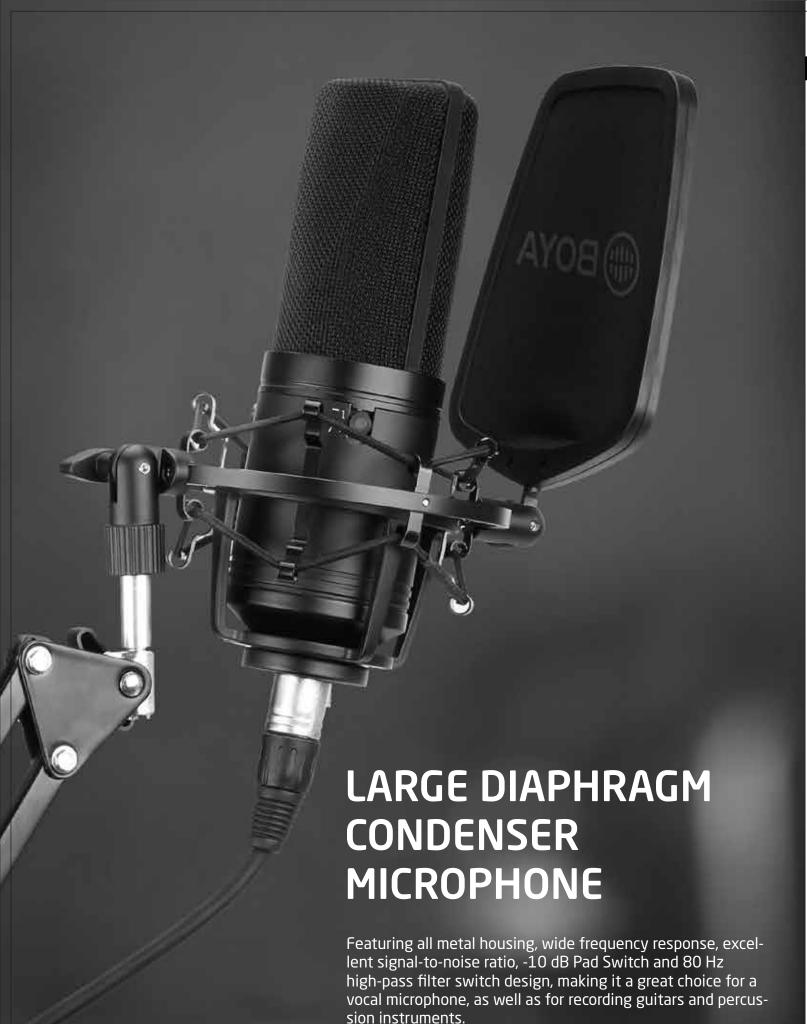
#### **Professional Condenser Shotgun Microphone**

- Upgraded shotgun microphone
- Broadcast-quality condenser Mic
- High off-axis noise rejection
- Two step high pass filter (Flat/80Hz)
- 24V/48V Phantom power or 1.5 AA battery
- Durable all metal construction

Frequency range:	25Hz ~ 20kHz
Signal/Noise:	80dB SPL
Sensitivity:	-33dB +/- 3dB / 0dB=1V/Pa, 1kHz
Length:	27.8cm







## BY-M800

#### **Cardioid Condenser Microphone**

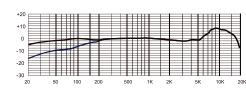
BOYA BY-M800 is a large cardioid diaphragm condenser microphone, with all metal construction housing, cardioid polar pattern, 20 Hz to 20 kHz frequency response, it's perfect for full-range reproduction of vocals and instruments.

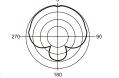


- Cardioid polar pattern
- Studio-quality microphone
- Wide frequency range
- Controlled by low-cut filter switch
- A selectable -10 dB pad
- Included Shockmount & Pop Filter
- 3-Pin XLR plug
- 48V phantom power

Diaphragm:	34mm(1.3" )
Frequency Response:	20-20,000Hz
Sensitivity:	-34dB±3dB@1KHz
Signal to Noise Ratio:	80dB
Output Impedance:	200 Ohm
Power Supply:	48V phantom
Plug:	3-Pin XLR
Cable lenth:	3m(10ft)

#### **Specifications**





## BY-M1000

#### Large Diaphragm Studio Microphone

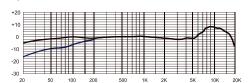
With 34mm(1.3" ) true condenser capsule , 3 selectable polar patterns, 20 Hz  $\,$ to 20 kHz frequency response features, BOYA BY-M1000 is suited for capturing instruments and vocals in project and professional recording applications, such as singer, songwriters, podcasters, voiceover artists, field recorders, and home studio recordings.



- Broadcast-quality condenser microphone
- Cardioid, Omnidirectional and Bidirectional polar patterns
- Wide frequency range and ultra low noise
- Off-axis rejection for clear recordings • Included shockmount & pop filter
- Controlled by low-cut filter switch
- 0dB ,-10 dB pad switch
- 3-Pin XLR plug
- 48V phantom power

Acoustic Principle:	Condenser
Polar Pattern:	Cardioid, Omnidirectional, Bidirectional
Diaphragm:	34mm(1.3" )
Frequency Response:	20– 20,000 Hz
Sensitivity:	-33±3dB (0dB=1V/Pa @ 1KHz)
SN:	80dB and more
Output Impedance:	200 Ohm
Cable Length:	3m(10ft)

#### Specifications







## BY-PM700



#### **USB Microphone**

- Compatible with Windows and Mac computers
- 16-Bit/48 kHz resolution
- Stereo, cardioid, omnidirectional, and bi-directional polar patterns
   Triple-capsule design
- Mute function
- 1/8" headphone monitoring jack

Diaphragm:	14 mm(0.55")
Frequency Response:	20-20,000Hz
Sensitivity:	-45dB±3dB@1KHz
Power Consumption:	5V/150mA
Sample Rate:	48 kHz
Bit Depth:	16 Bit
Plug:	Micro USB
Power Consumption:	5V/150mA
Cable Length:	1m(3.3ft)

## BY-PM700SP



#### **USB & Lightning Microphone**

- For iphone, ipad, Android devices, Mac & Windows
- 16-Bit/48 kHz resolution
- Cardioid, Stereo, Omnidirectional, Bidirectional
- Master volume control
- Microphone gain control
- Mute fuction
- 3.5mm (1/8") headphone monitoring jack

Acoustic Principle:	Pre-polarized Condenser
Bit Length:	16 Bit/24 Bit
Sample Rates:	44.1KHz/48KHz
Frequency Response:	20-20,000 Hz
Sensitivity:	-45±3dB (0dB=1V/Pa @ 1KHz)
SN:	80dB
Output Gain:	0-25dB Continuously Adjustable
Connector:	1) Apple Mfi Certifed Lightning
	2) Type-C
	3) USB-A
Power Consumption:	5V/150mA
Cable Length:	1m(3.3ft)

## BY-MC2

#### **Conference Microphone**



Transducer Type:	Condenser
Polar Pattern:	Super-Cardioid
Frequency response:	50Hz-20,000Hz
Sensitivity:	-47dB +/- 1dB / 0dB=1V/Pa, 1kHz
Effective pickup distance:	About 6M (20ft.)
Power supply:	USB (5V)
Size:	117 * 97 * 24mm (4.6* 3.8 * 0.94 ft.)
Weight:	250g (8.8oz)
	•

## **BY-BMW700**

#### Wireless Condenser Microphone



- Suitable for Skype & Web Conferencing
- 2.4 GHz Frequency Spectrum
- Cardioid Condenser Microphone
- Compatible with Windows and Mac Computers

Frequency Band:	2.4GHz(2400-2483MHz)
Sensitivity:	-42dB +/- 1dB / 0dB=1V/Pa, 1kHz
Plug:	USB Type-B plug
Power supply:	Transmitter : 2 x AA batteries Receiver: USB power

## MicRig W1

#### Universal Video Grip with Built-in 2.4GHz Wireless Mic

MicRig W1 is a full-featured stabilizer kit with universal wireless microphone



\* The white lightning adapter not include.

- 2.4GHz wireless microphone kit.
- Compatible with smartphones, DSLRs, camcorders, recorders
- High-quality Wireless mic design
- Portable low-angle grip with 3 cold shoe mounts on the top
- Video & Sound Recording Grip design.

RF Modulation:	GFSK(Gauss frequency Shift Keying)
Frequency band:	2.4GHz (2405-2478MHz)
Frequency response:	35Hz-14KHz±3dB
Signal/Noise:	84dB or more
Distortion:	0.05% or less (32Ω, 1 KHz,65mW output)
RF output level:	3mW

## **SmartCine W1**

#### Complete Smartphone Video Kit With Wireless Microphone System

The SmartCine W1 is an all-in-one kit to any smartphone with a high quality Wireless microphone system for interview, film making, presentation and so on.



- All-in-one kit for video production
- High quality digital 2.4 GHz wireless system
- Included Lens, LED light, smartphone holder and wireless microphone
- Lightweight for easy carrying
  Up to 50m(164 feet) option range without obstacle

RF Modulation: GFSK(Gauss frequency Shift K	. )
iti Modulation. Of Sittodass frequency Smith	eyingJ
Frequency band: 2.4GHz (2405-2478MHz)	
Frequency response: 35Hz-14KHz±3dB	
Signal/Noise: 84dB or more	
Distortion: 0.05% or less (32Ω, 1 KHz,65m	W output)
RF output level: 3mW	

## BY-M4C

#### **Professional Lavalier Microphone**



- Designed for Camcorders, Audio recorders etc
- High-quality condenser mic is ideal for video use
- Three-pin XLR Connection
- Rugged Aluminum Construction

Polar pattern:	Cardioid
Frequency Range:	35-18KHz +/-3dB
Signal/Noise:	78dB
Max SPL:	120 dB
Sensitivity:	-38dB +/-3dB / 0dB=1V/Pa, 1kHz
Power requirement:	48V Phantom power

## BY-M40D

#### Professional XLR Lavalier Microphone



- Designed for Camcorders, Audio recorders etc
- High-quality condenser mic is ideal for video use
- Three-pin XLR Connection
- Rugged Aluminum Construction

Polar pattern:	Omni-directional
Frequency Range:	35-18KHz +/-3dB
Signal/Noise:	78dB
Max SPL:	120 dB
Sensitivity:	-38dB +/-3dB / 0dB=1V/Pa, 1kHz
Power requirement:	48V Phantom power

## BY-MP4

#### Audio Adapter



- Designed for Smartphone, DSLR camera or camcorder Mono and Stereo modes
- 3.5mm (1/8") Mono and Stereo inputs
- 3.5mm (1/8") Stereo output
- Dual trim control knobs
- Die-cast aluminum chassis

MIC setting:	-35 dBu minimum
Frequency response:	20 Hz to 20 kHz(+/-0.5 dB)

## BY-MA2

#### **Audio Mixer**



- Designed for DSLR camera or camcorder
   Adapts 3.5 mm balanced audio inputs to standard XLR
- All Aluminum Construction

Inputs:	XLR (x2)
Outputs:	3.5 mm TRS connector
Frequency Response:	20Hz-20KHz
MIC setting:	-35 dBu minimum

# BY-WS1000

#### **Professional Windshield and Suspension** System for Shotgun Microphones

- Eliminates high wind Noise
- Isolates shock and vibration
- ullet Fits most of  $\phi$ 20-22mm Shotgun Microphones
- Integrated microphone cable
- Fur windshield included

Internal spacing:	125mm
Dimensions(L*H*D):	480*134*190mm(MIN)
	480*134*314mm(MAX)



## BY-PB25

#### Carbon Fiber Boompole with Internal XLR Cable



- 1m (3.3') to 2.5m (8.2') extension range
- Lightweight carbon fiber construction
- 3 telescoping sections
- Internal coiled cable
- 1/4" threaded stud
- Also includes 3/8" adapter and 5/8" adapter

Minimum Length:	100cm (3.3')
Maximum Length:	250cm (8.2')
Weight:	722g (25.5 oz)
Load Capacity:	3KG

## BY-PB25A / BY-PB30A / BY-PB40A

#### **Aluminum Boompole**



Material:	Aluminum
Sections:	5
BY-PB25A Length:	Min: 66cm (2.2')
BT-I BZSA Lengtii.	Max.: 250cm (8.2')
BY-PB30A Length:	Min: 78cm (2.6')
BT-PB30A Length:	Max.: 300cm (9.8')
BY-PB40A Length:	Min: 97cm (3.2')
bi-Pb40A Length:	Max.: 4000cm (13')

# BOOMPOLE, **WINDSHIELD** AND SUSPENSION **SYSTEM KIT**

Used in various environments when capturing audio in applications such as film, broadcast TV, wedding videographers, sound designers, and offers a unique and highly effective wind-noise solution for compact condenser microphones.

BOOMPOLE, WINDSHIELD AND SUSPENSION SYSTEM KIT

## BY-BCA6

#### XLR to 3.5mm TRRS Connection



- For iPad, iPhone, iPod touch and other mobile devices
- Connect XLR Microphone to Smartphone
- No batteries required
- 3-Position pad(0,-10dB, -40dB)
- Includes 3.5mm Headphone Output
- Rugged Aluminum Construction

Cable length:	6m(20ft)
Frequency Response:	20Hz-20KHz

## BY-BCA7

#### **XLR to Lightning Connection**



- Specially designed for iPad, iPhone, iPod touch
- Apple MFi certifed Lightning connector
- Connect XLR Microphone to iOS system
- 3-Position pad(0,-10dB, -40dB)
- Includes 3.5mm Headphone Output • Rugged Aluminum Construction

Cable length:	6m(20ft)
Frequency Response:	30Hz-20kHz
Sampling Frequency:	44.1 kHz / 48 kHz

16Bit / 24Bit

## BY-BCA7 PRO

#### **XLR to Lightning Connector** Microphone Cable



- For iOS, Android, any Mac and Windows Computer • Connect XLR dynamic microphone and XLR battery

- Includes 3.5mm Headphone Output

Frequency Response:	20Hz-20kHz
Gain:	-20 dBu ,+10dBu , +20dBu
Sampling Frequency:	44.1 kHz / 48 kHz/96K
Connector:	1) Apple MFi certified Lightning
	2) USB-A
Cable Length:	6.0m(20ft)

- powered condenser microphone.
- 3-Position level control (+20dB, +10dB, -20dB)
- Rugged Aluminum Construction

Frequency Response:	20Hz-20kHz
Gain:	-20 dBu ,+10dBu , +20dBu
Sampling Frequency:	44.1 kHz / 48 kHz/96K
Connector:	1) Apple MFi certified Lightning
	2) USB-A
Cable Length:	6.0m(20ft)

## BY-BCA60

Bitrate

#### Female XLR to 3.5mm Male TRRS Microphone Audio Adapter



- Connect any XLR microphones to smartphone, tablet, and laptop with a headphone/mic combo jack
- Supplies 48V phantom power to microphone
- Deliver pristine and high-quality sound
- 3.5mm headphone output for audio monitoring
- 6m(19.7') microphone cable in length

Frequency Response:	20Hz-20kHz
Volume gain control:	0dB-20dB
Distortion:	Less than 0.01%
Signal to Noise Ratio:	80dB
Power Requirements:	9V alkaline or lithium battery

## BY-BCA70

#### XLR Microphones to Mobile Devices Audio Adapter



- Connect any XLR microphones to PC and smartphones
- 24bit/ 96kHz sampling rate
- Powered by smartphones and PC
- Supplies 48V phantom power to microphone • No latency headphone monitoring (Depends on App)
- 6m(19.7') long cable

Frequency Response:	30Hz-20kHz
Volume gain control:	0dB-30dB
Distortion:	Less than 0.01%
Sampling Frequency:	44.1kHz/ 48kHz/ 96kHz
Bitrate:	16bit/24bit

## BY-K1

#### 3.5mm TRS (Male) to Lightning (Male) Audio Adapter

BY-K1 is a 3.5mm TRS (Male) to Lightning (Male) audio adapter that can be used to secure the sound intelligibility for audio recording. It allows connecting 3.5mm TRS microphone with iPhone, iPad, and iPod touch.



## BY-K2

#### 3.5mm TRS (Male) to Type-C (Male) Audio Adapter

BY-K2 is a 3.5mm TRS (Male) to Type-C (Male) audio adapter, it's a great solution for connecting 3.5mm TRS microphone with Andriod devices or others devices with Type-C connectors.



## BY-K3

#### 3.5mm TRRS (Female) to Lightning (Male) Audio Adapter

The BY-K3 is a 3.5mm TRRS (Female) to Lightning (Male) audio adapter, it's a perfect solution to connect 3.5mm TRRS microphone with iPhone, iPad, and iPod touch.



## BY-K4

#### 3.5mm TRS (Female) to Type-C (Male) Audio Adapter

The BY-K4 is a 3.5mm TRS (Female) to Type-C (Male) audio adapter, it's specially designed for connecting 3.5mm TRS microphone with your Andriod devices or others devices with Type-C connectors.



## BY-K5

#### Type-C (Male) to Type-C (Female) Adapter

The BY-K5 is a Type-C (Male) to Type-C (Female) right angle (90°) adapter giving you a fexible and reliable operation to plug a microphone into a smartphone when you use a Smartphone Gimbal



## BY-CIP2

#### 3.5mm TRS Female to 3.5mm TRRS Male Adapter Cable for Smartphones

BY-CIP2 adapter cable allows you to connect a TRS output microphone to the TRRS headphone jack of a smartphone or tablet.



**AUDIO ADAPTER** 

#### PROFESSIONAL WINDSHIELD

## 35C-XLR

#### Mini-Jack to XLR Converter

35C-XLR adapter connects a 3.5mm TRS jack microphone with an XLR input device.



## 35C-XLR PRO

#### Mini-Jack to XLR Adaptor with Power Convertor

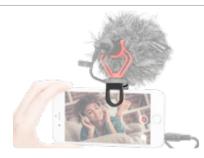
35C-XLR Pro adapter connects a 3.5mm TRS jack microphone with an XLR input device and converts 12-48V phantom power to 3-5V



## BY-C12

#### Clamp with Cold Shoe Mount For Smartphones, Tablets

The BOYA BY-C12 is an aluminum clamp with cold shoe mount, specially designed for attaching accessories, such as microphones and LED lights to smartphones, tablet and more



## BY-C03

#### **Shock Mount**

- Suitable microphones for diameter with (40mm-48mm)
- 1/4" in thread



## BY-C04

#### **Shock Mount**

- Fits Most Microphones with a φ0.74 0.86" (19mm-22mm)
- 3/8" and 1/4" in thread



## BY-C10

#### **Shock Mount**

- For most of portable recorder
- Adjusted 1/4" screw at the top
- 3/8" and 1/4" in thread on the bottom



## **BY-B02**

#### Deadkitten Windscreen

- Fur Windscreen
- Inner size: 68\*75mm



## **BY-B04**

#### Deadkitten Windscreen

- Inside Depth: 9.5" (240 mm)
- Inside Diameter: 0.75 0.9" (19 23 mm)



## **BY-P10**

#### **Professional Windshield**

- Professional windshield for handy recorder
- Inside size: 50\*20\*37mm



## BY-WS9

#### Windshield for Zoom, Tascam

• Inside Size: 7.6 X 3.8cm (3" X 1.5" )(W x D)



## **BY-B03**

#### **Deadkitten Windscreen**

- Inside Depth: 5.5" (140 mm)
- Inside Diameter: 0.75 0.9" (19 23 mm)



## **BY-B05**

#### Deadkitten Windscreen

- For BOYA BY-WM8 Pro, BY-WFM12, BY-WM4, BY-WM4 Pro, BY-WM6S
- 3pcs per pack



## **BY-P30**

#### **Professional Windshield**

- Professional windshield for handy recorder
- Inside size: 73\*38\*59mm



#### PROFESSIONAL WINDSHIELD

## BY-P50

#### Deadkitten Windscreen

- Inside Depth: 2" (50 mm) • Inside Diameter:
- 0.75 0.9" (19 23 mm)



# BY-P80

#### Deadkitten Windscreen

- Inside Depth: 3.14" (80 mm)
- Inside Diameter: 0.75 - 0.9" (19 - 23 mm)



## BY-P100

#### Deadkitten Windscreen

- Inside Depth: 3.94" (100 mm) Inside Diameter: 0.75 0.9" (19 23 mm)



## BY-P120

#### Deadkitten Windscreen

- Inside Depth: 4.72" (120 mm)
- Inside Diameter: 0.75 0.9" (19 23 mm)



## BY-P140

#### Deadkitten Windscreen

- Inside Depth: 5.5" (140 mm)
- Inside Diameter: 0.75 - 0.9" (19 - 23 mm)

## BY-P160

#### Deadkitten Windscreen

- Inside Depth: 6.3" (160 mm)
- Inside Diameter: 0.75 - 0.9" (19 - 23 mm)



## BY-P180

#### Deadkitten Windscreen

- Inside Depth: 7.1" (180 mm)
- Inside Diameter: 0.75 - 0.9" (19 - 23 mm)



## BY-P220

#### Deadkitten Windscreen

- Inside Depth: 8.7" (220 mm)
- Inside Diameter:
- 0.75 0.9" (19 23 mm)



## BY-P240

#### **Deadkitten Windscreen**

- Inside Depth: 9.5" (240 mm)
- Inside Diameter: 0.75 - 0.9" (19 - 23 mm)



## BY-P290

#### **Deadkitten Windscreen**

- Inside Depth: 11.4" (290 mm)
- Inside Diameter: 0.75 - 0.9" (19 - 23 mm)



## BY-P320

#### **Deadkitten Windscreen**

- Inside Depth: 12.6" (320 mm)
- Inside Diameter: 0.75 0.9" (19 23 mm)



