BOYA

BY-BCA70

Audio Adapter for XLR Microphones to Mobile Devices
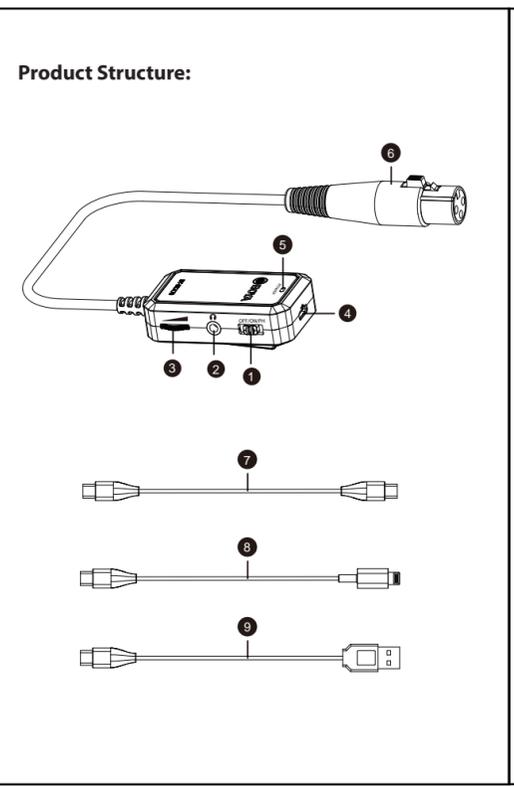
Instruction

Thanks for choosing BOYA!

The BOYA BY-BCA70 is a professional XLR audio adapter which is specially designed for increasing the convenient flexibility of your XLR microphone to most mobile devices. Included with three detachable audio cables:USB Type-C, lightning and USB-A, BY-BCA70 allow any XLR microphones to be compatible with PC, Andorid / iOS smartphones, tablets etc, ideal for home studio recording, podcast, vocal & instrument solo recording, ENG, interviews and more.

Features with up to 24bit/96kHz sampling rate, BY-BCA70 allows the recording files to be of high resolution and as crystal clear as possible.

Powered by smartphones or PC, BY-BAC70 could even support Phantom power to driven any XLR large diaphragm condenser mic, or shotgun mic that requires Phantom power.

With 0dB-30dB gain control available, users could easily adjust the microphone volume according to the recording environment.

With integrated 3.5mm no-latency headphone monitoring jack (depends on the recording App), users could well-monitoring the sound during or after recording.

Product Structure:

1. Power switch

- If the microphone requires Phantom power, turn the switch to PH.
- If the microphone is self-powered,turn the switch to ON.

2. Headphone monitoring jack

3. Volume gain control

4. USB Type-C output connector

5. Indicator light

- The indicator light will turn blue when the switch turns to ON.
- The indicator light will turn green when the switch turns to PH.

6. XLR input connector

7. USB Type-C to USB Type-C audio cable
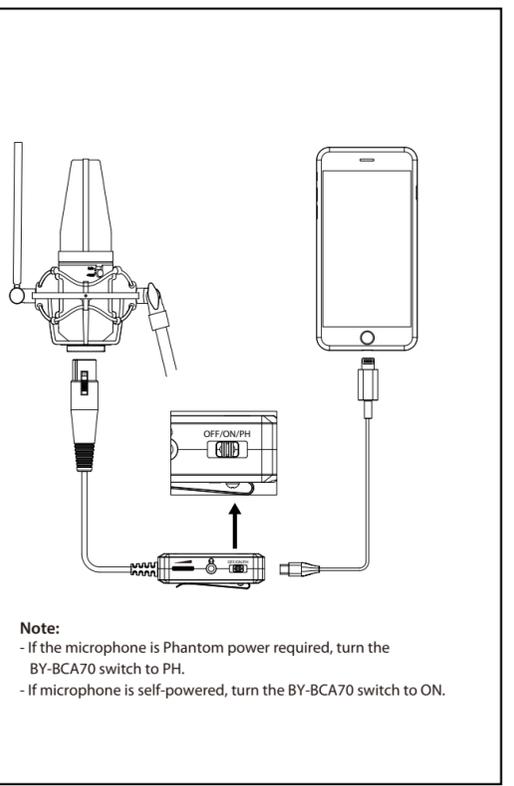
8. USB Type-C to Lightning audio cable

9. USB Type-C to USB-A audio cable

How to use？

1. Plug the XLR microphone into the BY-BCA70

2. Connect the BY-BCA70 to smartphone or computer

- Please follow the steps to complete BY-BCA70 and smartphone connection.

1) The BY-BCA70 is equipped with the Type-C connector, please choose the corresponding cable for your device's connection. (The Type-C to Lightning connector cable allows to plug directly into the iOS devices. And the Type-C to Type-C connector cable is designed for the Android devices)

2) A third-party audio APP needs to be downloaded before recording. Please plug the headphone into the audio monitoring jack when you need to monitor sound.

Note:

- If the microphone is Phantom power required, turn the BY-BCA70 switch to PH.
- If microphone is self-powered, turn the BY-BCA70 switch to ON.

- Please follow the steps to complete the connection between BY-BCA70 and the computer.

1) Please use the Type-C to USB-A cable to connect your computer. The Type-C connector makes a connection with the BY-BCA70. And the USB-A connector to makes a connection with the Mac or Windows PC.

2) A third party audio APP need to be downloaded on the PC before recording. Please plug the headphone into the audio monitoring jack when you need to monitor sound.

3. Input level adjustment

The BY-BCA70 volume control is on the right side by turning left and right to adjust the audio input level.

Trouble shooting

If you have any problem using the BY-BCA70 components, use the following checklist.
If any problem persist, please consult our local dealer, or contact us directly at sales@boya-mic.com.

Status	Cause	Measure
There is no sound.	The switch is turned incorrectly.	Please check the microphone type. Turn the switch to ON when connecting to the self-powered microphone. Turn the switch to PH when connecting to the Phantom power required microphone.
	The connector is not completely plug into the place.	Please reconnect the audio connector.
	The headphone is not well connection with the jack.	Please reconnect the headphone to the jack. Or check if the APP support no latency headphone monitoring, if not, pls play back to monitoring the sound.
The sound is weak.	The input level of the microphone is low.	Adjust the volume gain control to the right to adjust the volume.
There is distortion in the sound.	Headphone with a mono min jack is used.	Use the headphone with a stereo mini jack.
Too much ambience is being picked up.	When using an omnidirectional microphone, the microphone may be picking up too much ambience.	Make sure that the microphone is as close as possible to the subject.

Features

- Detachable USB Type-C, Lightning and USB Type-A audio cables included
- Connect any XLR microphones to PC and smartphones
- Powered by smartphones and PC
- 48V Phantom power available
- 24bit/ 96kHz sampling rate
- No latency headphone monitoring(Depends on App)
- 6 meters cable
- 0dB~30dB volume gain control

Specification:

Frequency Response:	30Hz-20kHz
Volume gain control:	0dB~30dB
Sampling Frequency:	44.1kHz/ 48kHz/ 96kHz
Bitrate:	16bit/24bit
Power Supply:	Powered by iOS/ Android mobile devices/ PC
Output Connector:	Type-C to Lightning (MFI certified)
	Type-C to USB
	Type-C to Type-C
Weight:	205g (7.2oz)
Cable length:	6m (236")

技术要求:
1、表面无色差
2、无正负公差
3、包装标注尺寸为内尺寸