

BOYA BOYALINK V2.0 A2

BOYA BOYALINK 2 A2 Wireless Lavalier Microphone System User Manual

Model: BOYALINK V2.0 A2

Brand: BOYA

INTRODUCTION

Welcome to the BOYA BOYALINK 2 A2 wireless microphone system. This comprehensive user manual provides detailed instructions for the proper setup, operation, and maintenance of your device. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 2 × BOYALINK 2 Transmitters (TX)
- 1 × BOYALINK 2 Receiver (RX)
- 1 × USB Type-C Adapter
- 1 × Lightning Adapter
- 1 × 3.5mm TRS Adapter
- 1 × One-to-Three Charging Cable
- 2 × Fur Windshields
- 1 × Carrying Bag



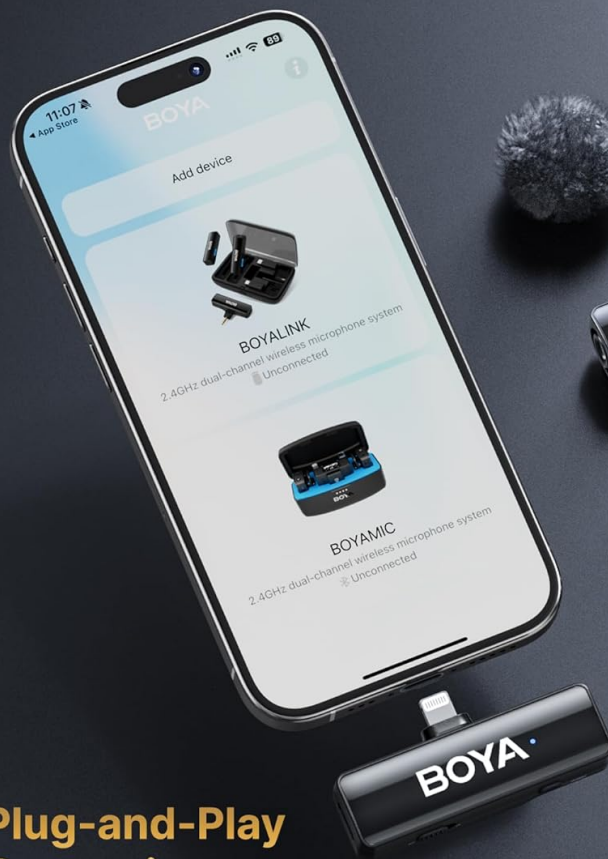
Image: All components of the BOYA BOYALINK 2 A2 wireless microphone system, including two transmitters, one receiver, various adapters, charging cable, fur windshields, and carrying bag.

PRODUCT OVERVIEW

The BOYALINK 2 A2 system is a versatile wireless microphone solution designed for various recording scenarios. It features two compact transmitters and a receiver with interchangeable adapters for broad compatibility.

Universal Compatibility

PS: Does not support Android phones with 3.5mm round headphone jack



**Plug-and-Play
Convenience**

MFi-Certified



Image: Two BOYA BOYALINK 2 A2 transmitters, showing their compact design and clip-on functionality.

Studio-Quality Sound



Industry-Leading Performance Standards

48kHz Sampling Rate	24Bit Depth
>85dB High SNR	120dB SPL Maximum Sound Pressure Level



Image: The BOYA BOYALINK 2 A2 receiver unit, shown with its interchangeable Lightning, USB-C, and 3.5mm TRS adapters.

SETUP

1. Charging the Devices

Before initial use, ensure all transmitters and the receiver are fully charged. Place them in the charging case and connect the case to a power source using the provided charging cable. The charging time is approximately 1.5 hours for a full charge, providing up to 10 hours of operating time per transmitter.

6-Level Gain Control

Find the perfect volume setting for your surroundings

▶
6dB/12dB
(Level 1/2)



▶
18dB/24dB
(Level 3/4)



▶
28dB/36dB
(Level 5/6)



Image: The BOYA BOYALINK 2 A2 charging case, illustrating how the transmitters and receiver are stored and charged.

2. Connecting the Receiver to Your Device

The BOYALINK 2 A2 receiver offers universal compatibility through its interchangeable adapters:

1. **Identify Adapter:** Choose the appropriate adapter for your recording device:
 - Lightning Adapter for iPhone (14/13/12/XR/X/8/7/6 series)
 - USB-C Adapter for Android smartphones, Mac, iPad, and iPhone (15/16 series)
 - 3.5mm TRS Adapter for cameras and some action cameras
2. **Attach Adapter:** Securely attach the selected adapter to the receiver unit.
3. **Plug In:** Plug the receiver with the attached adapter into your recording device's corresponding port.

6mm High-Sensitivity Condenser Mic

1.5x larger than standard 4mm mic, 360° omnidirectional pickup



Image: The BOYA BOYALINK 2 A2 receiver demonstrating its universal compatibility with Lightning, USB-C, and 3.5mm TRS adapters for various devices.

Note: This system does not support Android phones with a 3.5mm round headphone jack.

3. Automatic Pairing

The BOYALINK 2 A2 system is designed for effortless pairing. The transmitters and receiver will automatically connect once powered on.

1. **Power On:** Press and hold the power button on each transmitter and the receiver until the indicator lights illuminate.
2. **Verify Connection:** A solid blue indicator light on both the transmitters and receiver signifies a successful connection and readiness for use.

OPERATING INSTRUCTIONS

Power On/Off

To power on or off any unit (transmitter or receiver), press and hold its respective power button for a few seconds until the indicator lights respond.

Noise Cancellation

The BOYALINK 2 A2 features a 2-level smart noise cancellation function to reduce ambient noise. Press the "NR" button on the transmitter to toggle between strong noise reduction, weak noise reduction, and no noise reduction modes.



Image: A BOYA BOYALINK 2 A2 transmitter with a fur windshield, highlighting the noise reduction (NR) button and its function.

For outdoor use or in windy conditions, attach the provided fur windshields to the transmitters to further minimize wind noise.

Gain Control

Adjust the audio input level (gain) to suit your recording environment. The system offers 6 volume control levels, each providing a 6dB boost, for a total range of 0-36dB. Use the volume control buttons on the transmitter to increase or decrease the gain. LED indicators will display the current volume level.

1000FT Stable Transmission Ultra-Low 25ms Latency

Overcome distance limits; keep your sound always one step ahead!

1000FT



Image: Visual representation of the 6-level gain control, illustrating different volume settings for various recording scenarios.

Mute Function

To temporarily mute a transmitter, press the mute button located on the side of the transmitter. Press it again to unmute.

App Control (BOYA Central)

Enhance your control over the BOYALINK 2 A2 system by downloading the BOYA Central app. The app provides access to advanced functions including external playback, noise reduction settings, mute control, gain adjustments, and power management. It also allows for firmware updates.

APP Control with Nearly 10 Functions

External Playback, Noise Reduction, Mute, Gain and Power etc

Compatible with
BOYA Central

BOYA



Image: A smartphone displaying the BOYA Central app interface, demonstrating various control options for the microphone system.

Mono/Stereo Mode

The system supports both mono and stereo recording modes. In mono mode, both transmitters' audio is combined into a single channel. In stereo mode, each transmitter's audio is recorded on a separate channel, offering greater flexibility in post-production. **Note:** When using the BOYALINK 2 A2 with a smartphone, only mono mode is available.



Image: A laptop screen displaying audio waveforms, illustrating the difference between mono and stereo recording modes for post-production flexibility.

Charging While Recording

The receiver unit allows for pass-through charging of your connected device (e.g., smartphone) while the microphone system is in use. This feature ensures that your recording sessions are not interrupted by low device battery.

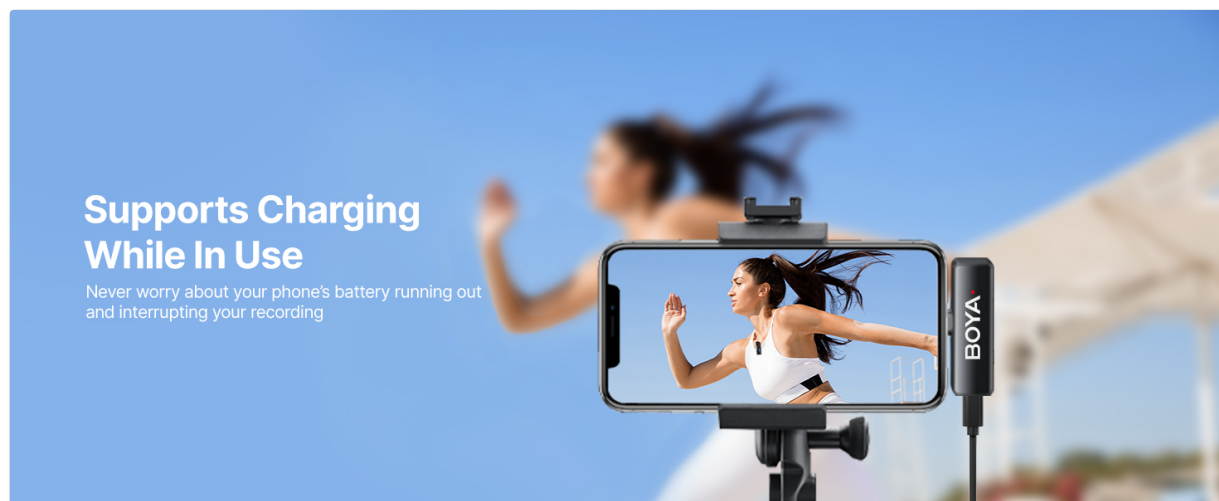


Image: A smartphone mounted on a tripod, connected to the BOYA BOYALINK 2 A2 receiver, demonstrating the ability to charge the phone while recording.

Playback Without Unplugging

You can review your recorded audio or video directly from your device without needing to disconnect the BOYALINK 2 A2 receiver. This prevents wear and tear on your device's port and offers convenience.

6-Level Gain Control, Flexible Volume Control

A total of 6 gain levels, each providing a 6dB boost, for up to 36dB-Find the perfect volume setting for your surroundings



Image: A hand holding a smartphone with the BOYA BOYALINK 2 A2 receiver still attached, showing a video playback interface, indicating no need to unplug for review.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the devices. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the BOYALINK 2 A2 system in its provided carrying bag to protect it from dust, moisture, and physical damage.
- **Environmental Conditions:** Avoid exposing the devices to extreme temperatures, direct sunlight, or high humidity.
- **Battery Care:** For optimal battery life, avoid fully discharging the batteries frequently. Charge them regularly, even if the device is not in active use for extended periods.

TROUBLESHOOTING

No Sound or Low Sound Output

- Ensure the receiver is securely connected to your recording device and the correct adapter is used.
- Verify that both transmitters and the receiver are powered on and successfully paired (solid blue indicator lights).
- Check the gain control levels on the transmitters and adjust them as necessary.
- Confirm your recording device's audio input settings are correctly configured to use the external microphone.
- Ensure the transmitters are not muted.

Interference or Poor Audio Quality

- Ensure transmitters and receiver are within the optimal operating range (up to 1000ft / 300m line-of-sight).
- Activate the appropriate noise cancellation mode (strong or weak) via the "NR" button on the transmitter.
- Use the provided fur windshields when recording in windy or outdoor environments.
- Avoid placing the system near strong electromagnetic interference sources (e.g., Wi-Fi routers, other wireless devices).

Device Not Charging

- Check that the charging cable is securely connected to both the charging case and a working power source.
- Ensure the transmitters and receiver are correctly seated in the charging case.
- Try a different charging cable or power adapter.

TECHNICAL SPECIFICATIONS

Feature	Detail
Model Name	BOYALINK 2 A2 (2TX+ 3-in-1 RX)
Microphone Form Factor	Lavalier
Polar Pattern	Omnidirectional
Connectivity Technology	2.4GHz Wireless
Connector Type	3.5 mm Jack, Lightning, Type-C
Compatible Devices	Camera, Smartphone, Tablet (iPhone, Android, Mac, iPad)
Frequency Response	20Hz - 20KHz
Signal-to-Noise Ratio	>85 dB
Max SPL	120dB
Audio Format	48kHz/24Bit
Transmission Range	Up to 1000ft (300m) Line-of-Sight
Latency	25ms
Battery Life (Transmitter)	Up to 10 hours
Charging Time	Approx. 1.5 hours
Item Weight	1.45 Ounces (per unit, approximate)
Dimensions (L x W x H)	4.41 x 2.87 x 1.3 inches (overall package/case)
Special Features	2-Level Noise Reduction, 6-Level Volume Control, 6mm Tiny Mic, 3-in-1 RX, APP Control & Firmware Updates, Metal Clip, Mute Function, Charging While In Use, Playback Without Unplugging

WARRANTY AND SUPPORT


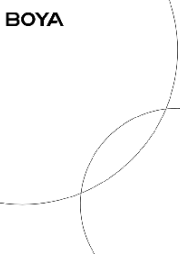
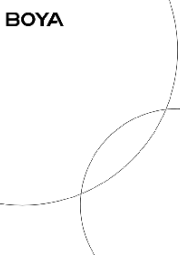
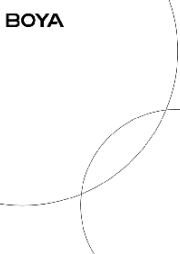

BOYA products are covered by a limited warranty. For detailed warranty terms, conditions, and registration, please

visit the official BOYA website or contact your authorized BOYA dealer. Please retain your proof of purchase for any warranty claims or technical support inquiries.

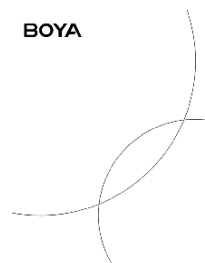
For technical assistance, troubleshooting, or further information, please visit the BOYA support page or contact customer service through the official website.

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Related Documents - BOYALINK V2.0 A2

	<p>BOYA BOYALINK 2.4GHz</p> <p>BOYA BOYALINK 2.4GHz</p>
	<p>BOYA BOYALINK Wireless Microphone System User Manual</p> <p>User manual for the BOYA BOYALINK 2.4 GHz dual-channel wireless microphone system. Covers features, product structure, operation guide, troubleshooting, specifications, and package contents for various BOYALINK models.</p>
	<p>BOYA BOYALINK Wireless Microphone System User Manual</p> <p>User manual for the BOYA BOYALINK, a multi-compatible 2.4 GHz dual-channel wireless microphone system. Learn about its features, product structure, operation, troubleshooting, specifications, and package contents.</p>
	<p>BOYA mini Wireless Ultra-Mini Microphone User Manual</p> <p>Comprehensive user manual for the BOYA mini wireless ultra-mini microphone system, covering setup, features, operation, troubleshooting, and specifications for various models including BOYA mini-12 through BOYA mini-23.</p>
	<p>BOYA Magic: Manuale Utente del Sistema Microfono Wireless AI Multifunzionale</p> <p>Guida completa al sistema microfono wireless BOYA Magic. Scopri le caratteristiche, le specifiche tecniche, le istruzioni d'uso e la risoluzione dei problemi per creare contenuti audio di alta qualità.</p>

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[BOYA BOYALINK Système de microphone sans fil - Manuel d'utilisation](#)

Manuel d'utilisation pour le système de microphone sans fil BOYA BOYALINK 2.4GHz ultra-compact et portable. Ce guide couvre les caractéristiques, les précautions, le dépannage et les spécifications du produit.