

[Manuals.plus](#) /

> [ULANZI](#) /

> ULANZI AM18 Wireless Lavalier Microphone User Manual

ULANZI AM18

ULANZI AM18 Wireless Lavalier Microphone User Manual

Model: AM18

1. INTRODUCTION

The ULANZI AM18 Wireless Lavalier Microphone is an all-in-one professional audio solution designed for content creators. It features 2.4GHz wireless direct plug-and-play functionality, eliminating the need for drivers or apps. This compact and portable microphone system is ideal for interviews, video recording, live streaming, podcasting, and vlogging, offering universal compatibility with cameras, mobile devices, and computers through 3.5mm TRS, USB-C, and iOS digital outputs.

2. WHAT'S IN THE BOX

Carefully unpack your ULANZI AM18 Wireless Lavalier Microphone system and ensure all components are present:

- 2 x Transmitters
- 1 x Receiver
- 2 x Windscreens
- 1 x Charging Case
- 1 x 3.5mm TRS Cable
- 1 x Type-C to Type-C Cable
- 1 x 3.5mm TRS to Lightning Cable
- 1 x USB to Type-C Cable
- 1 x Storage Bag

| UNIVERSIAL COMPATIBLE

comes with adapter cable, which can connect to your phone, camera, tablet and computer



Image: All components included in the ULANZI AM18 Wireless Lavalier Microphone package.

3. PRODUCT OVERVIEW

3.1 Components

The ULANZI AM18 system consists of two compact transmitters, one receiver, and a portable charging case.



Image: The ULANZI AM18 wireless microphone system, showcasing the transmitters and receiver within the charging case.

3.2 Key Features

- **200M Transmission Range:** The U-Mic utilizes Ulanzi's secure encryption technology to record clear audio up to 200 meters (656 feet) away. The optimized wireless transmission ensures stable performance even in environments with high interference. Operating in the 2.4 GHz frequency band helps avoid TV and radio interference.

| 100M TRANSMISSION RANGE

connect microphones up to 100 m (328 ft) away with lossless recording.



Image: Visual representation of the 100-meter (328 feet) transmission range, illustrating the microphone's effective distance.

- **Intelligent Noise Cancellation:** Equipped with professional intelligent noise canceling technology, this microphone effectively identifies and reduces environmental noise, such as construction noise or heavy wind, to preserve authentic and clear vocals.

PROFESSIONAL LCF

After activating the low cut function, the microphone will automatically filter out low-frequency sounds like shouting over construction noise or heavy wind, preserving the most authentic and clear vocals.



Image: A visual explanation of the Professional Low Cut Filter (LCF) function, demonstrating how it reduces low-frequency noise.

- **High-Quality Audio:** The Ulanzi wireless lavalier microphone offers a 48kHz sampling rate for capturing detailed and clear audio. It features three pickup modes:
 - *Mono Mode:* Provides accurate frequencies, clear, and distortion-free sound.
 - *Stereo Mode:* Delivers high-fidelity and immersive, professional audio.
 - *Safety Track Mode:* Records a backup audio track to safeguard against unforeseen level spikes.

| 3 PICKUP MODES

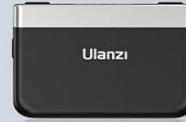


Image: Illustration of the three distinct pickup modes: Mono, Stereo, and Safety Track, for various recording needs.

- **20-Hour Battery Life:** Enjoy up to 14 hours of battery life from the transmitters, 6 hours from the receiver, and a total of up to 20 hours with the charging case. This extended battery life is suitable for prolonged recording sessions.

| 20H BATTERY LIFE

Keep moving with 14 hours of battery life via the charging case, delivering 5 hours of use per charge.



Image: A diagram illustrating the impressive 20-hour total battery life when utilizing the charging case.

- **8GB Onboard Recording:** Both transmitters include 8GB of internal storage, allowing for up to 14 hours of backup recording. This feature enables direct audio recording to each transmitter, providing a safeguard against wireless interference or dropouts. Transmitters can also function as standalone recorders.

| BUILT-IN 8G MEMORY

The internal microphone has 8GB of storage space, which can record approximately 14 hours of audio files, audio anti-loss.

48kHz/24bit CD Quality Audio



Image: A visual representation of the built-in 8GB memory in the transmitters, capable of storing up to 14 hours of audio.

- **Compact and Portable:** The transmitters are lightweight (approximately 23 grams or 0.81 ounces) and feature an integrated back clip for convenient attachment to clothing.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the transmitters, receiver, and charging case. Connect the charging case to a power source using the provided USB to Type-C cable. The indicators on the charging case will show charging status.

4.2 Connecting to Devices

The ULANZI AM18 is designed for plug-and-play operation. Ensure the receiver is fully charged before connecting.

- **For Cameras (DSLR, Mirrorless):** Use the 3.5mm TRS cable to connect the receiver's output to your camera's microphone input.
- **For Smartphones (Android with USB-C):** Use the Type-C to Type-C cable to connect the receiver to your phone's USB-C port.

- **For iPhones/iOS Devices:** Use the 3.5mm TRS to Lightning cable to connect the receiver to your iPhone's Lightning port.
- **For Computers:** Use the USB to Type-C cable to connect the receiver to your computer's USB port.

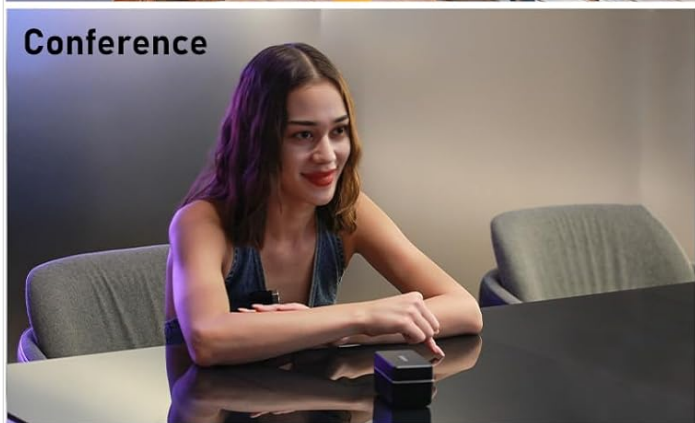
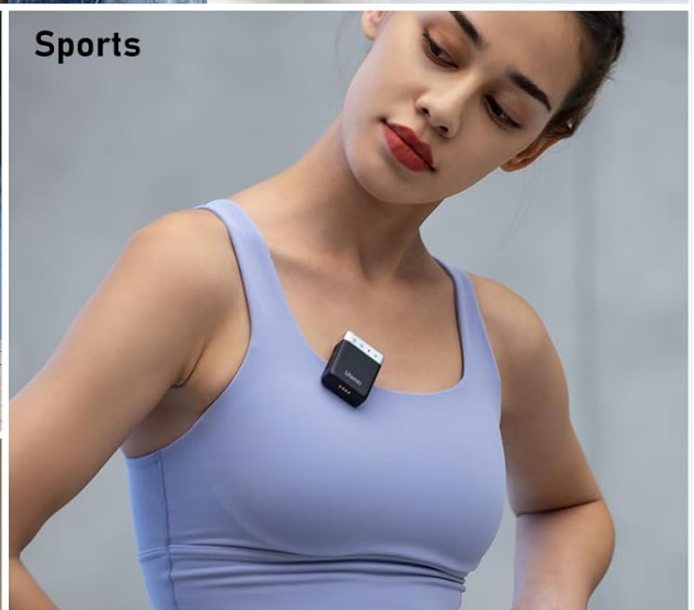
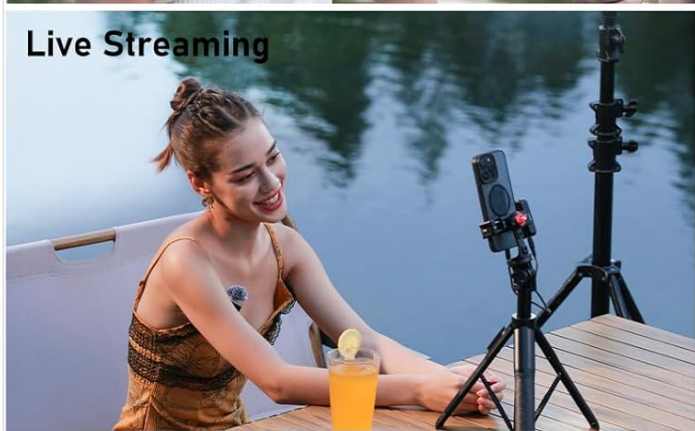


Image: The ULANZI AM18's universal compatibility with various devices, including cameras, Android phones, iPhones, and computers.

4.3 Important Note for Sony Cameras

If you are using a Sony Camera, please follow these steps before using the microphone:

1. Select the menu, look for "Audio Recording" and select "On".
2. Connect the Microphone to the camera with the 3.5mm TRS cable.

This manipulation is required for every use with Sony cameras.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

The transmitters and receiver typically power on automatically when removed from the charging case and power off when placed back in. Refer to the device's specific buttons for manual power control if needed.

5.2 Pairing

The ULANZI AM18 system is pre-paired from the factory. If re-pairing is ever required, consult the quick start guide included in your package for specific instructions.

5.3 Adjusting Settings (Touchscreen Control)

The receiver features a touchscreen display for easy control of pickup modes, volume, and other preferences. Swipe down to access the menu, tap to select options, and swipe up to go back.

5.4 Onboard Recording

To utilize the 8GB onboard recording feature, ensure the transmitters are powered on. Recording automatically begins when the transmitter is active. Files can be accessed by connecting the transmitter to a computer via USB.

5.5 Real-time Audio Monitoring

Connect headphones to the receiver's 3.5mm output jack to monitor audio in real-time, ensuring optimal sound quality during recording.

Video: Demonstration of the ULANZI AM18 wireless lavalier microphone's 2.4GHz 100m transmission capability.

Video: An overview of the Ulanzi YV003 AM18 all-in-one Wireless Lavalier Microphone, highlighting its features and design.

6. MAINTENANCE

6.1 Cleaning

Wipe the microphone units and charging case with a soft, dry cloth. Do not use liquid cleaners or solvents. Ensure the charging contacts are clean and free of debris.

6.2 Storage

When not in use, store the transmitters and receiver in the charging case to protect them and keep them charged. Store the entire system in a cool, dry place away from direct sunlight and extreme temperatures.

6.3 Battery Care

To prolong battery life, avoid fully discharging the devices frequently. Recharge them regularly, even if not in constant use. If storing for an extended period, charge the devices to approximately 50% capacity.

7. TROUBLESHOOTING

• No Sound/Low Volume:

- Ensure all cables are securely connected.
- Check the volume settings on both the receiver and your recording device.
- Verify that the microphone input is selected on your recording device.
- For Sony cameras, confirm "Audio Recording" is set to "On" in the camera menu.

• Interference/Poor Audio Quality:

- Ensure the transmitters and receiver are within the specified 200m transmission range.
- Minimize obstacles between the transmitter and receiver.
- Activate the intelligent noise cancellation feature.

- Consider using the Safety Track mode for a backup recording.
- Avoid strong electromagnetic interference sources.

- **Device Not Powering On:**

- Ensure the devices are fully charged.
- Check the charging case battery level.

8. SPECIFICATIONS

| Feature | Detail |
|-----------------------------------|---------------------------------------|
| Model Name | AM18 |
| Brand | ULANZI |
| Connectivity Technology | Plug and Play |
| Connector Type | USB, 3.5 mm Jack |
| Special Feature | Wireless, Portable |
| Compatible Devices | Camera, Smartphone, Personal Computer |
| Microphone Form Factor | Lavalier |
| Polar Pattern | Omnidirectional |
| Item Weight | 200 Grams (7.1 ounces) |
| Product Dimensions | 3.94 x 1.97 x 1.18 inches |
| Power Source | Battery Powered (Lithium Ion) |
| Signal-to-Noise Ratio | 78 dB |
| Frequency Response | 2.4E+4 Hz |
| Onboard Storage | 8GB (up to 14 hours recording) |
| Battery Life (Transmitters) | 14 hours |
| Battery Life (Receiver) | 6 hours |
| Battery Life (with Charging Case) | Up to 20 hours |

9. WARRANTY AND SUPPORT

ULANZI products are manufactured to high quality standards. For warranty information and technical support, please refer to the official ULANZI website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, visit the [ULANZI Store on Amazon](#).

