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## NEEWER KM18

# NEEWER KM18 Wireless Lavalier Microphone for USB C - User Manual

Model: KM18 | Brand: NEEWER

## 1. INTRODUCTION

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This manual provides detailed instructions for the NEEWER KM18 Wireless Lavalier Microphone system. Designed for use with USB-C compatible devices such as Android phones, PCs, and laptops, this system offers high-quality audio recording with advanced features like noise cancellation and extended battery life. Please read this manual thoroughly before using the product to ensure proper operation and to maximize its performance.

## 2. PACKAGE CONTENTS

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

- 1 x Receiver
- 2 x Transmitters
- 1 x Charging Case
- 1 x Charging Cable
- 2 x Furry Windshields
- 2 x Lanyards
- 1 x Carrying Pouch
- 1 x User Manual

# PACKAGE LIST

Charging Case x1



84.58\*41.66\*51.02mm

Receiver x1



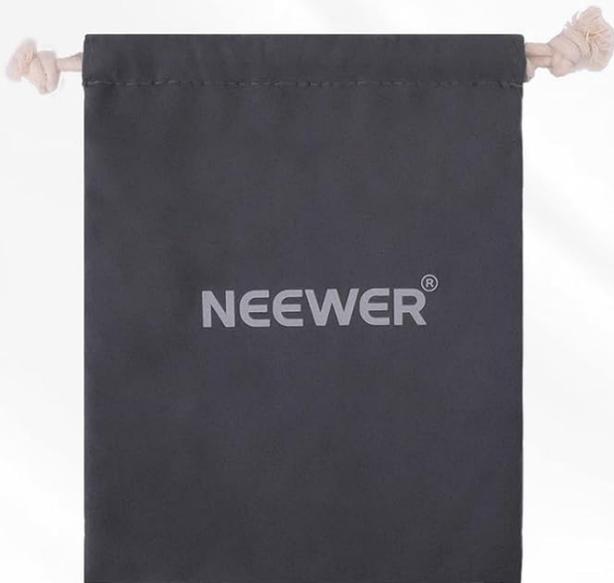
40.03\*25.21\*9.29mm

Transmitter x2

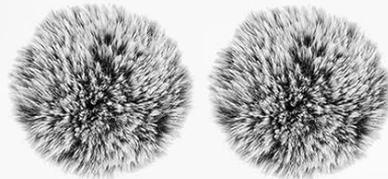


30.74\*31.71\*22.33mm

Storage Pouch x1



Furry Windshield x2



Charging Cable x1



Lanyard x2



Figure 2.1: All components included in the NEEWER KM18 Wireless Lavalier Microphone package.

## 3. PRODUCT OVERVIEW

The NEEWER KM18 system features compact, button-shaped transmitters and a receiver designed for seamless integration with your USB-C devices. It delivers 48kHz/24bit audio quality with effective noise cancellation.

### Key Features:

- **Button-Shaped Design:** Each transmitter weighs only 0.49oz (14g), offering a discreet and lightweight profile.
- **High-Quality Audio:** Captures sound with 48kHz/24bit audio format, 78dB signal-to-noise ratio, and handles up to 115dB sound pressure level.
- **Noise Cancellation (ENC):** Double-click the transmitter button to activate ENC, reducing background noise while preserving vocal clarity. Furry windshields are included for wind noise reduction.
- **Long Range Transmission:** Supports up to 150m/492ft barrier-free forward stable transmission and 25m/82ft back transmission.
- **Extended Battery Life:** Each transmitter provides up to 8 hours of operation. The charging case extends total battery life to

24 hours.

- **Unobstructed Phone Charging:** The receiver allows simultaneous phone charging through its port, ideal for long recording sessions.
- **Versatile Wearing Options:** Can be worn using magnetic attachment, clip-on, or with the included lanyard.

## BUTTON SHAPE, SMALL AND EXQUISITE

Stays perfectly fastened while in use.



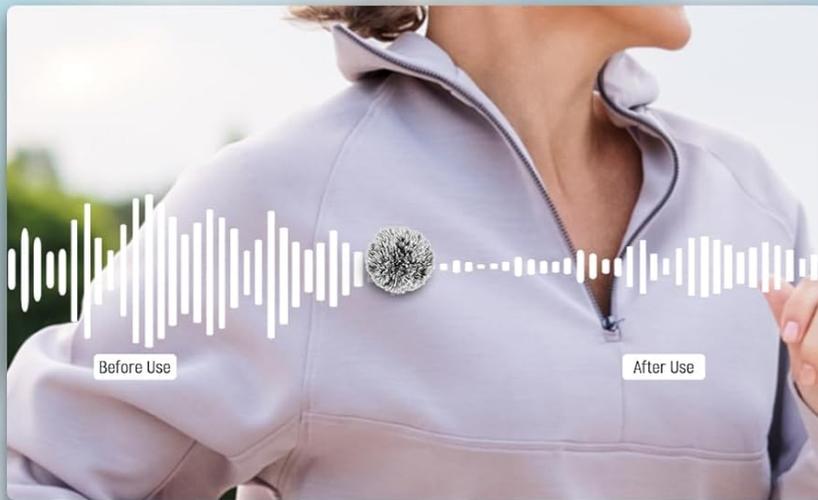
**Weight:**  
0.49oz/14g



**Size:**  
30.74\*31.71\*22.33mm



Figure 3.1: The compact, button-shaped design of the KM18 transmitter, highlighting its small size and light weight.



## IMPROVED NOISE REDUCTION

ENC environment noise reduction with plush windproof cover for clean audio recording.

## HIGH QUALITY AUDIO

Upgraded radio technology optimizes audio quality and noise reduction.

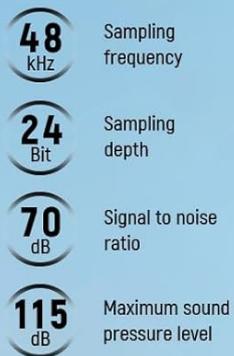


Figure 3.2: Visual representation of the KM18's high-quality audio capture (48kHz/24bit) and effective noise reduction capabilities.

## 4. SETUP

Follow these steps for quick and easy setup:

- 1. Charge the System:** Ensure both transmitters and the charging case are fully charged before first use. Refer to the 'Charging and Battery Life' section for details.
- 2. Connect the Receiver:** Plug the receiver (RX) directly into the USB-C port of your smartphone, PC, or laptop.
- 3. Power On Transmitters:** Long press the 'ON' button on each transmitter (TX). They will automatically pair with the receiver. A steady blue indicator light on the receiver confirms a successful connection.
- 4. Enable OTG (for some Android phones):** For OPPO, VIVO, IQOO, and Realme mobile phones, you may need to activate the OTG power supply function in your phone's settings for proper use.

# PLUG AND PLAY

Simply plug in the receiver and turn on the transmitter to begin recording.



No Bluetooth  
required



No APP  
required



Automatic  
pairing



1  
Plug the receiver  
into your phone



2  
Long press the "ON" button  
of the transmitter



3  
A steady blue indicator shows  
successful connection

Note: OPPO/VIVO/IQOO/Realme mobile phones  
must activate the OTG power supply function in the settings for proper use.

Figure 4.1: Step-by-step guide for connecting the receiver to a smartphone and powering on the transmitter for automatic pairing.



Figure 4.2: The KM18 receiver's USB-C compatibility, allowing direct connection to various devices for recording.

Your browser does not support the video tag.

Video 4.1: A demonstration of connecting the NEEWER Wireless Lavalier Microphone for USB C to a device and its basic functionality.

## 5. OPERATING INSTRUCTIONS

### Wearing the Transmitter:

The KM18 transmitters offer multiple wearing options for convenience and discretion:

- **Magnetic Attachment:** Use the magnetic back to attach the transmitter to clothing.
- **Clip-on:** Securely clip the transmitter onto collars, shirt pockets, or other suitable fabric.
- **Lanyard:** Attach the included lanyard for wearing around the neck.

# MAGNETIC DESIGN FOR FLEXIBLE WEAR

Three ways to wear



Figure 5.1: Illustrates the versatile wearing options for the KM18 transmitter, including magnetic, clip-on, and lanyard methods.

## Mute Function:

To quickly mute the microphone during recording, single-click the button on the transmitter. The red light on the transmitter will illuminate, indicating that mute mode is active.

## Noise Cancellation:

To activate or deactivate the Environmental Noise Cancellation (ENC) function, double-click the button on the transmitter. A green light indicates that noise reduction is active. This feature helps to precisely reduce ambient noise while maintaining the natural texture of the human voice.

## Long Range Transmission:

The system supports stable wireless transmission up to 150m (492ft) in open, obstacle-free environments. For back-to-back transmission (e.g., across the human body), the range is up to 25m (82ft).



## LONG RANGE WIRELESS TRANSMISSION

Up to 150m/492ft barrier free forward stable transmission,  
up to 25m/82ft back transmission

Figure 5.2: Visual representation of the KM18's impressive wireless transmission range, suitable for various recording scenarios.

Your browser does not support the video tag.

Video 5.1: An overview of the NEEWER Wireless Button Lavalier Microphone Kit, demonstrating its features and ease of use.

## 6. CHARGING AND BATTERY LIFE

The NEEWER KM18 system is designed for extended use with convenient charging options:

- **Transmitter Battery Life:** Each transmitter provides up to 8 hours of continuous operation on a full charge.
- **Charging Case:** The compact charging case features an HD display that shows the battery level of the transmitters. When fully charged, the case provides an additional 16 hours of power, extending the total system battery life to 24 hours.
- **Charging the Transmitters:** Place the transmitters into the charging case. They will automatically begin charging.
- **Charging the Case:** Connect the charging case to a USB power source using the provided USB-C cable. The LCD screen will display the real-time battery percentage.
- **Direct Transmitter Charging:** You can also use the charging cable to power a transmitter directly for immediate use.

- **Unobstructed Phone Charging:** The receiver unit includes a pass-through USB-C port, allowing you to charge your phone while the receiver is connected and in use. This is particularly useful for prolonged audio recording or live streaming sessions.



## LONG ENDURANCE, NONSTOP RECORDING

The dedicated charging compartment supplies power to the transmitter, with a high definition display to show the power level in real time

- 1** hour  
Charging time
- 8** hrs  
Working hours per unit
- 24** hrs  
Working hours with charging case

### Unobstructed Phone Charging

The phone can still be charged with the receiver installed.

Figure 6.1: The charging case displaying battery levels and the receiver's ability to allow unobstructed phone charging during use.

Your browser does not support the video tag.

Video 6.1: A detailed look at the NEEWER Wireless Lavalier Microphone with its charging case, demonstrating charging and battery features.

## 7. SPECIFICATIONS

Feature	Specification
Model Number	KM18

Feature	Specification
Brand	NEEWER
Connectivity Technology	Type C
Connector Type	USB Type-C
Compatible Devices	Smartphone, Laptop, Personal Computer
Polar Pattern	Omnidirectional
Audio Sensitivity	115 Decibels
Signal-to-Noise Ratio	70dB (as per feature bullets, 78dB)
Frequency Response	48000 Hz (48kHz/24bit audio format)
Item Weight	9.17 Ounces (Total package)
Transmitter Weight	0.49oz (14g) each
Power Source	Battery Powered
Transmitter Battery Life	Up to 8 hours
Total Battery Life (with case)	Up to 24 hours
Wireless Transmission Range	Up to 150m/492ft (forward, barrier-free); 25m/82ft (back transmission)
Enclosure Material	Aluminum, Zinc

## 8. MAINTENANCE

To ensure the longevity and optimal performance of your NEEWER KM18 Wireless Lavalier Microphone, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the transmitters, receiver, and charging case. Avoid using liquid cleaners or solvents, as they may damage the components.
- **Storage:** When not in use, store the transmitters in the charging case and keep the entire system in the provided carrying pouch to protect it from dust, moisture, and physical damage.
- **Battery Care:** For optimal battery health, avoid fully discharging the batteries frequently. If storing for an extended period, charge the system to approximately 50-70% capacity every few months.
- **Furry Windshields:** The furry windshields can be gently cleaned with a soft brush to remove dust or debris. Do not wash them with water.
- **Avoid Extreme Conditions:** Do not expose the device to extreme temperatures, direct sunlight, or high humidity.

## 9. TROUBLESHOOTING

If you encounter any issues with your NEEWER KM18 system, please refer to the following common troubleshooting steps:

- **No Sound/Poor Audio Quality:**
  - Ensure the receiver is fully inserted into your device's USB-C port.
  - Check if the transmitters are powered on and successfully paired (steady blue light on receiver).
  - Verify that the microphone is not muted (red light on transmitter indicates mute).

- Adjust the recording volume settings on your connected device.
- Ensure the furry windshields are properly installed in windy conditions.
- Disable noise cancellation (double-click TX button) if recording in a quiet environment, as it might sometimes affect natural sound.

- **Transmitters Not Pairing:**

- Make sure both transmitters and the receiver are sufficiently charged.
- Power off and then power on both the transmitters and the receiver. They should automatically re-pair.
- Ensure there are no significant obstructions between the transmitters and the receiver.

- **Short Transmission Range:**

- Reduce obstacles between the transmitter and receiver.
- Ensure you are within the recommended operating range (150m forward, 25m back).
- Avoid environments with strong electromagnetic interference.

- **Phone Not Charging via Receiver:**

- Ensure the charging cable is securely connected to both the receiver's charging port and a power source.
- Verify that your phone supports pass-through charging via its USB-C port.

- **Device Not Recognizing Receiver (Android Specific):**

- For some Android phones (e.g., OPPO, VIVO, IQOO, Realme), you may need to enable the OTG (On-The-Go) function in your phone's settings. Search for "OTG" in your phone's settings menu.

If the issue persists after trying these steps, please contact NEEWER customer support for further assistance.

## 10. WARRANTY AND SUPPORT

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### Warranty Information:

The NEEWER KM18 Wireless Lavalier Microphone comes with a **1 Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims.

### Customer Support:

For technical support, warranty inquiries, or any questions regarding your NEEWER product, please visit the official NEEWER website or contact their customer service team through the contact information provided on their website or in your product packaging.

You can also visit the [NEEWER Store on Amazon](#) for additional product information and support resources.