

talomen K60-1

Wireless Microphone System User Manual

Model: K60-1 | Brand: talomen

1. INTRODUCTION AND OVERVIEW

The Talomen K60-1 Wireless Microphone System utilizes advanced 2.4G transmission technology to ensure a stable and rapid connection, providing a high-quality audio experience. This system is designed for various applications, including karaoke, public speaking, and performances, offering low handling noise sensitivity and excellent sound clarity.

With a transmission range of up to 160 feet (approximately 50 meters), the system offers significant flexibility for movement without signal delay or interruption. Its professional unidirectional dynamic capsule and built-in noise reduction cotton effectively minimize background noise and feedback, delivering clear, pure, and full sound.

The K60-1 system is highly compatible, supporting devices with both 1/8" (3.5mm) and 1/4" (6.35mm) microphone input jacks, such as karaoke machines, audio amplifiers, PA systems, and speakers.

Long-distance transmission



Image: The Talomen K60-1 wireless microphone and its receiver, illustrating the long-distance transmission capability of up to 160 feet (50 meters).

2. WHAT'S IN THE BOX

Your Talomen K60-1 Wireless Microphone System package includes the following components:

- 1 x Handheld Wireless Microphone
- 1 x Receiver with 6.35mm (1/4 inch) plug
- 1 x 6.35mm (1/4 inch) to 3.5mm (1/8 inch) audio adapter
- 2 x Rechargeable AA lithium batteries
- 1 x Anti-slip ring
- 1 x Microphone dust cover
- 1 x USB charging cable
- 1 x User Manual



Image: All components included in the Talomen K60-1 Wireless Microphone System package: the handheld microphone, receiver, 3.5mm adapter, USB charging cable, and anti-slip ring.

3. SETUP INSTRUCTIONS

Follow these steps to set up your Talomen K60-1 Wireless Microphone System:

1. **Initial Charge:** For first use, fully charge both the microphone and the receiver for 3-5 hours using the provided USB charging cable. Both units feature USB-C charging ports. A full charge provides over 10 hours of continuous use.
2. **Power On Microphone:** Turn on the handheld wireless microphone.
3. **Power On Receiver:** Turn on the receiver. The microphone and receiver will automatically pair with each other. No manual pairing is required.
4. **Connect Receiver:** Plug the receiver into a device with a 6.35mm (1/4 inch) microphone input jack. If your device has a 3.5mm (1/8 inch) microphone input, use the included 6.35mm to 3.5mm audio adapter.

Important Usage Notes:

- The K60-1 wireless microphone system only supports microphone input jacks.
- It does not support auxiliary (AUX) or line inputs.
- This wireless mic system is not compatible with mobile phones, computers, or tablets.



Image: A visual guide showing the three simple steps to set up the microphone: turn on the microphone, turn on the receiver, and plug the receiver into the microphone input port for automatic pairing.

4. OPERATING INSTRUCTIONS

Once the microphone and receiver are paired and connected to your audio device, the system is ready for use. The plug-and-play design ensures immediate functionality without complex configurations.

Battery Management

The microphone and receiver are powered by rechargeable AA lithium batteries (included). Both units can be recharged via their USB-C ports. A full charge typically takes 2-3 hours and provides over 10 hours of continuous operation, eliminating the need for frequent battery replacements.

Worry-free use with long battery life



Image: The Talomen K60-1 wireless microphone and its receiver connected to a power source via USB-C cables, illustrating the charging process and long battery life.

Optimal Performance

For best performance, ensure the microphone is pointed towards the sound source. The unidirectional polar pattern is designed to capture sound primarily from the front, reducing unwanted noise from the sides and rear.

Maintain a clear line of sight between the microphone and receiver for optimal wireless transmission, especially within the 160ft range.

5. SPECIFICATIONS

Feature	Specification
Model Name	K60-1
Brand	talomen
Connectivity Technology	RF (2.4G Wireless)
Connector Type	3.5 mm Jack, 6.35 mm Jack
Microphone Form Factor	Handheld
Polar Pattern	Unidirectional
Frequency Range	2402MHz-2480MHz
Frequency Response	20 KHz
Signal-to-Noise Ratio	86.4 dB
Transmission Distance	Up to 160 ft (50m)
Power Source	Battery Powered (2 Lithium Metal batteries included)
Battery Type	Rechargeable AA Lithium-ion (1200 mAh)
Charging Time	2-3 hours
Operating Time	More than 10 hours
Item Dimensions (L x W x H)	2.17 x 2.17 x 9.84 inches
Item Weight	0.88 Pounds (14.1 ounces)
Material	Plastic
Compatible Devices	Karaoke Machine, Audio Amplifier, PA System, Speaker, Television, DVD Player
Special Feature	Noise Reduction

6. MAINTENANCE

Proper maintenance will extend the life and performance of your Talomen K60-1 Wireless Microphone System:

- **Cleaning:** Use a soft, dry cloth to clean the microphone and receiver. Do not use abrasive cleaners or immerse the units in water.
- **Storage:** When not in use, store the microphone and receiver in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** Recharge the batteries regularly, even if the system is not used frequently, to maintain battery health. Avoid fully discharging the batteries for extended periods.
- **Microphone Cover:** Use the provided microphone dust cover to protect the microphone head from dust and debris when not in use.

7. TROUBLESHOOTING

If you encounter issues with your Talomen K60-1 Wireless Microphone System, refer to the following common troubleshooting tips:

- **No Sound Output:**
 - Ensure both the microphone and receiver are powered on and fully charged.
 - Verify that the receiver is correctly plugged into a **microphone input jack** on your audio device (e.g., karaoke machine, amplifier). It will not work with AUX or line inputs.
 - Check the volume levels on your audio device and the microphone.
 - Confirm that the microphone and receiver have successfully paired (they should automatically connect upon power-on).
- **Intermittent Sound or Static:**
 - Ensure the microphone and receiver are within the 160ft transmission range.
 - Reduce obstacles between the microphone and receiver.
 - Check for potential interference from other 2.4G wireless devices. Try moving away from Wi-Fi routers or other wireless equipment.
 - Ensure batteries are sufficiently charged. Low battery can affect signal stability.
- **Microphone Not Charging:**
 - Verify the USB charging cable is securely connected to both the microphone/receiver and the power source.
 - Try a different USB power adapter or USB port.
 - Ensure the charging port is clean and free of debris.
- **Echo or Feedback:**
 - Adjust the microphone's position relative to speakers to prevent sound from re-entering the microphone.
 - Lower the volume on your audio device.
 - Ensure the microphone is not too close to walls or reflective surfaces.

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Talomen K60-1 Wireless Microphone System, please contact the seller or manufacturer directly through the platform where you purchased the product. Retain your proof of purchase for any warranty claims.

For additional assistance, you may visit the official Talomen store on Amazon: [Talomen Store](#)