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› [ANSTEN](#) /

› [ANSTEN Wireless Headphones K2Pro User Manual](#)

ANSTEN K2Pro

ANSTEN K2Pro Wireless Headphones User Manual

Model: K2Pro | Brand: ANSTEN

INTRODUCTION

Thank you for choosing the ANSTEN K2Pro Wireless Headphones. This manual provides detailed instructions to help you set up, operate, and maintain your headphones, ensuring an optimal audio experience for TV viewing and other Bluetooth-enabled devices. The K2Pro headphones are designed for comfort, versatility, and crystal-clear sound with ultra-low latency.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Wireless headphones x 1
- Wireless transmitter & charging base x 1
- Optical audio cable x 1
- AUX 3.5mm audio cable x 1
- AUX 3.5mm to RCA adapter x 1
- USB-C power cable x 1
- USB adapter x 1
- User Manual x 1

PACKAGE CONTENTS



Transmitter Charging Dock



Bluetooth Headphone

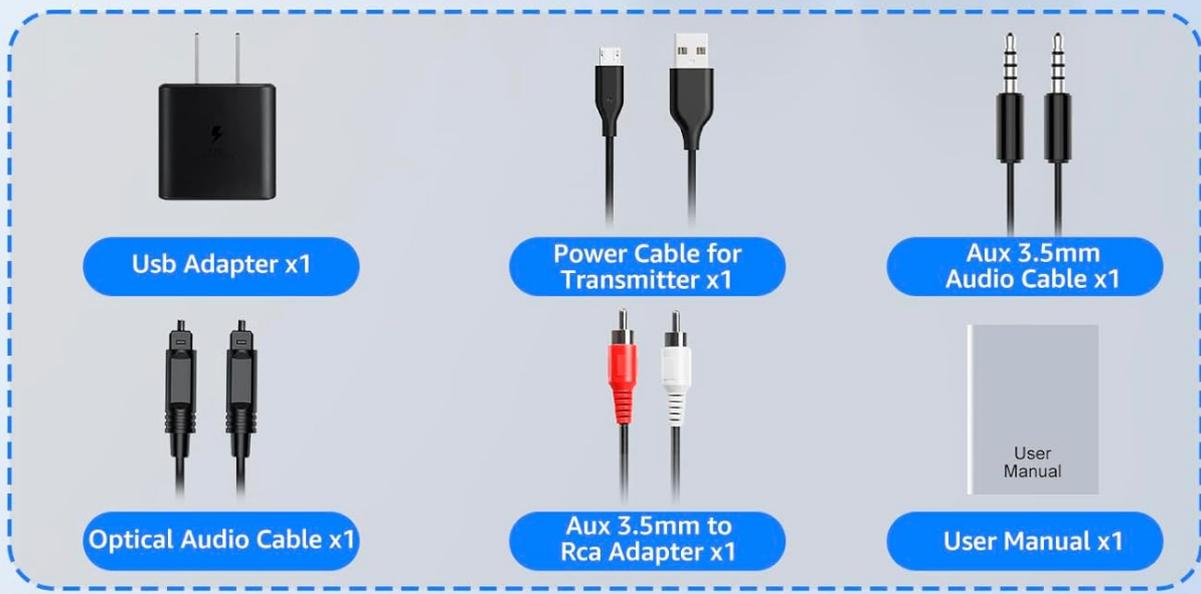


Figure 1: All components included in the ANSTEN K2Pro package.

The package includes the wireless headphones and a versatile transmitter that also functions as a charging base. Various audio cables and power accessories are provided for universal compatibility and convenient charging.

PRODUCT OVERVIEW

Headphones

- **Adjustable Headband:** For a comfortable and secure fit.
- **Rotatable Earcups:** Designed for ergonomic comfort and easy storage.
- **Soft Cotton Ear Pads:** Provide breathability and comfort for extended wear.
- **Controls:** Multifunctional Button (MFB), ON/OFF Power Button, Volume +, Volume -, Mute Button.

Transmitter & Charging Base

- **Charging Ports:** Dedicated slots for headphones and a USB-C input for power.

- **Audio Inputs:** Optical, AUX 3.5mm, RCA (via adapter).
- **LED Indicators:** For connection status and charging.





Figure 2: ANSTEN K2Pro Wireless Headphones and Charging Base.

The headphones feature a comfortable over-ear design with soft ear pads and an adjustable headband, suitable for prolonged use. The transmitter doubles as a charging base and offers multiple audio input options for broad compatibility with various devices.

SETUP GUIDE

1. Powering the Transmitter & Charging

Connect the USB-C power cable to the transmitter and plug the USB adapter into a power outlet. Place the headphones on the charging base or connect them directly via the USB-C cable for charging. A full charge provides up to 35 hours of audio playtime.

EASY CHARGE & LONG BATTERY LIFE

2 charging methods, charging is simpler and more convenient.
Up to 35 hours of use on a single charge.



Figure 3: Dual charging options for the ANSTEN K2Pro headphones.

The headphones offer flexible charging methods: either by placing them on the included charging base or by using the USB-C cable directly. This ensures your headphones are always ready for extended listening sessions.

2. Connecting to Your TV

The ANSTEN K2Pro transmitter offers three primary connection options for your TV:

1. **Optical Audio Cable:** For digital audio output. Connect one end to your TV's Optical OUT port and the other to the transmitter's Optical IN port.
2. **3.5mm AUX Audio Cable:** For analog audio output. Connect one end to your TV's 3.5mm Audio OUT port (headphone jack) and the other to the transmitter's AUX IN port.
3. **RCA Audio Cable (with adapter):** For analog audio output. Use the provided 3.5mm to RCA adapter. Connect the 3.5mm end to the transmitter's AUX IN port and the red/white RCA ends to your TV's Audio OUT (L/R) ports.

WIDE COMPATIBILITY

Compatible with most TVs on the market, such as Samsung, LG, Sony, etc.

Easy Setup



NOTE: Please confirm whether your TV has one of the above **OUTPUT** interfaces before purchasing

Figure 4: TV connection options: Optical, AUX, and RCA.

Choose the audio output method that best suits your TV. Ensure the cables are securely connected to both your TV and the transmitter.

3. Optical Connection Settings (Important)

If you are using the Optical connection, it is crucial to set your TV's audio output format to 'PCM' or 'Stereo'. Most TVs default to Dolby Digital, which is not compatible with the K2Pro's optical input. Refer to your TV's audio settings menu to make this adjustment.



Figure 5: Setting TV audio output to PCM for optical connection.

Incorrect audio format settings for optical connections can result in no sound. Always ensure your TV's digital audio output is set to PCM/Stereo when using the optical cable.

4. Initial Pairing

Once the transmitter is powered on and connected to your TV, and the headphones are powered on, they will automatically pair. The LED indicators on both devices will confirm a successful connection.

Video 1: Demonstrates the setup and key features of the ANSTEN K2Pro Wireless Headphones, including connectivity and comfortable design.

This video provides a visual guide to the setup process and highlights the main benefits of the ANSTEN K2Pro headphones, such as stable connection and comfortable fit.

OPERATING INSTRUCTIONS

1. TV Listening (with Transmitter)

With the transmitter connected to your TV and the headphones paired, you can enjoy private, high-quality audio. The ultra-low latency technology ensures perfect synchronization between audio and video, eliminating delays.

ULTRA-LOW LATENCY <40ms

Audio and video are perfectly synchronized, watch TV without disturbing others

Headset	🔊 + + + + +
Your TV	🔊 +



Figure 6: Enjoying TV with ultra-low latency audio.

The K2Pro headphones provide an immersive listening experience without disturbing others, thanks to their advanced low-latency wireless technology.

2. Bluetooth Connectivity (without Transmitter)

The ANSTEN K2Pro headphones can also be used independently as standard Bluetooth headphones. To switch to Bluetooth mode, ensure the transmitter is turned off or unplugged. Then, activate Bluetooth on your smartphone, tablet, or laptop and pair with 'ANSTEN K2Pro'.

VERSATILE USAGE

Can work independently with other Bluetooth devices(phone,tablet,computer,etc.)



Windows



Android



ios



Figure 7: Versatile Bluetooth usage with various devices.

This feature allows you to use your headphones for music, podcasts, or calls on the go, making them a versatile audio solution.

3. Controls

All primary controls are located on the headphones:

- **Power Button:** Press and hold to turn ON/OFF.
- **Volume + / Volume -:** Adjust audio volume.
- **Mute Button:** Mute/unmute audio.
- **Multifunctional Button (MFB):** Used for play/pause, answer/end calls, and other functions depending on the mode.

4. Wearing Comfort

The K2Pro headphones are designed for maximum comfort during long listening periods. The soft ear pads and adjustable headband ensure a snug yet breathable fit, reducing fatigue.

COMFORTABLE OVER-EAR DESIGN

Lightweight headband and plush protein leather ear cups, guarantee all-day comfort



Figure 8: Comfortable over-ear design for extended wear.

The lightweight construction and plush materials make these headphones ideal for seniors or anyone seeking comfortable all-day use.

5. Wireless Range

The wireless transmission range extends up to 100 feet (30 meters) with the transmitter, allowing you to move freely around your home without losing connection. For Bluetooth mode, the range is up to 15 meters.

LONG WORK RANGE

Up to 100 ft / 30 m wireless range,
delivering superior sound quality wherever you are.

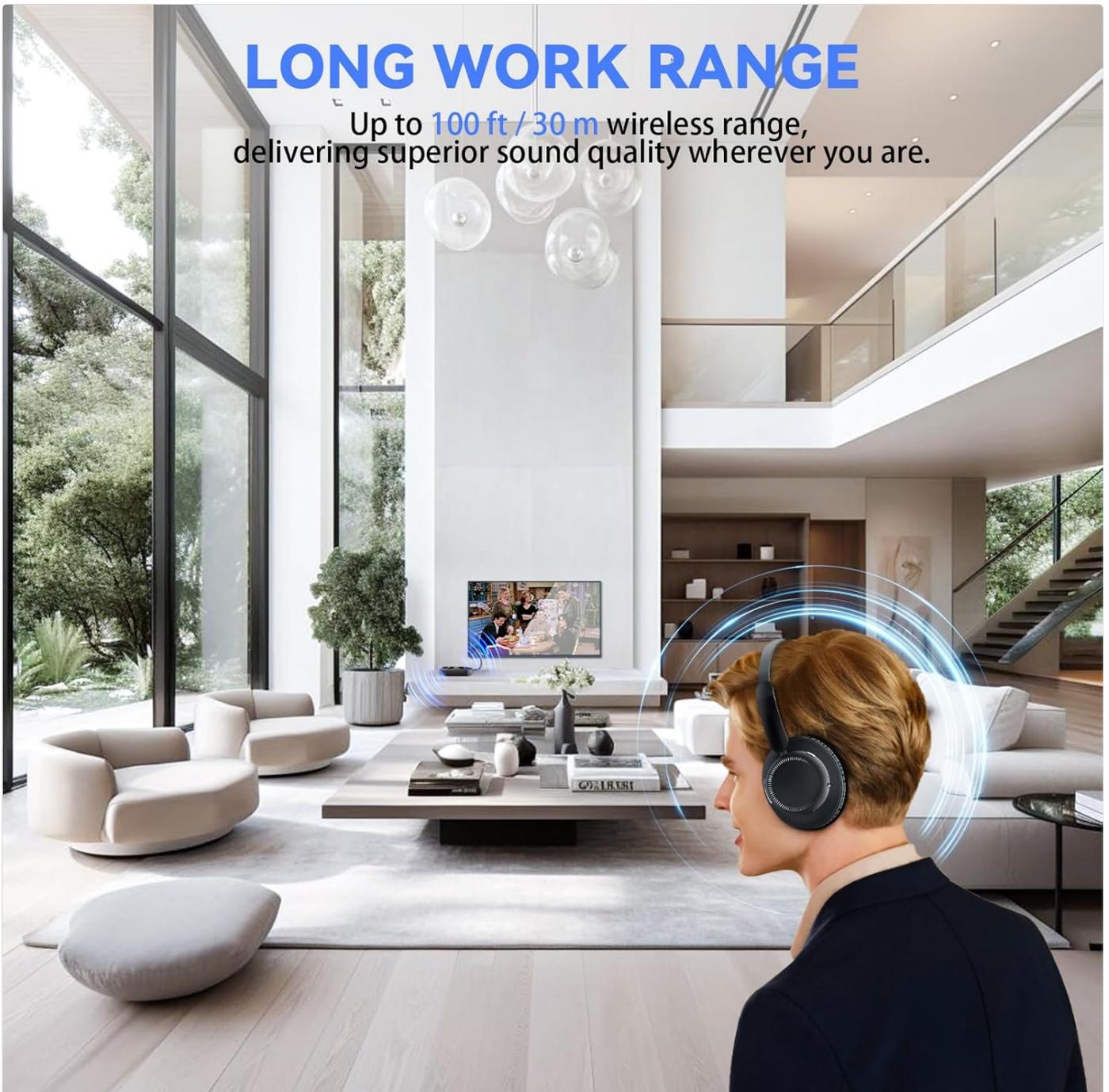


Figure 9: Long work range for uninterrupted listening.

Enjoy stable audio transmission throughout your living space, whether you're in the kitchen, backyard, or another room.

MAINTENANCE

To ensure the longevity and optimal performance of your ANSTEN K2Pro headphones, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the headphones and charging base. Avoid using abrasive cleaners or solvents.
- **Storage:** When not in use, store the headphones on the charging base or in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the headphones frequently. Charge them regularly, even if not used for extended periods.
- **Handle with Care:** Avoid dropping the headphones or subjecting them to strong impacts.

TROUBLESHOOTING

If you encounter any issues with your ANSTEN K2Pro headphones, please refer to the following common solutions:

Problem	Possible Cause	Solution
No Sound from TV (Optical)	TV audio output format is incorrect (e.g., Dolby Digital).	Go to your TV's audio settings and change the Digital Audio Output format to 'PCM' or 'Stereo'.
No Sound from TV (AUX/RCA)	Cables not fully inserted or incorrect audio output selected on TV.	Ensure all cables are securely connected. Check your TV's audio output settings to ensure the correct port is active.
Headphones not pairing with transmitter	Headphones or transmitter are off, or too far apart.	Ensure both devices are powered on and within range. Power cycle both devices.
Bluetooth connection issues	Transmitter is still on, or headphones are not in pairing mode.	Turn off or unplug the transmitter. Ensure Bluetooth is enabled on your device and the headphones are discoverable.
Short battery life	Battery not fully charged or aging battery.	Ensure headphones are fully charged (up to 35 hours playtime). If issues persist, contact support.

SPECIFICATIONS

Feature	Detail
Model Name	K2Pro
Connectivity Technology	Wireless
Wireless Communication	Wireless, RCA, Optical, AUX 3.5mm, Bluetooth
Age Range (Description)	Adult
Material	Acrylonitrile Butadiene Styrene (ABS), Stainless Steel
Specific Uses For Product	Watching TV
Charging Time	2 Hours
Recommended Uses	Listen to Music, Watching TV
Compatible Devices	Cellphones, Desktops, Laptops, Television
Control Type	Button Control
Water Resistance Level	Not Water Resistant
Frequency Range	20 Hz - 20,000 Hz
Battery Life	35 Hours
Audio Driver Type	Dynamic Driver

Feature	Detail
Bluetooth Range	15 Meters
Bluetooth Version	5.0
Ear Placement	Over Ear
Noise Control	Sound Isolation
Item Weight	1.83 pounds
Package Dimensions	9.02 x 7.91 x 3.9 inches

WARRANTY AND SUPPORT

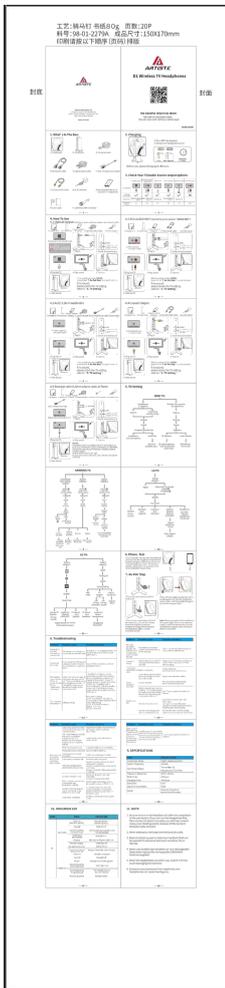
ANSTEN is committed to providing excellent customer service and product support:

- **12-Month Replacement:** Your product is covered by a 12-month replacement policy for manufacturing defects.
- **24-Hour Response:** Expect a reply to your inquiries within 24 hours.
- **Lifetime Support:** ANSTEN offers lifetime technical support for your K2Pro headphones.
- **Online User Guides:** For additional video user guides and support, please visit the official ANSTEN YouTube channel.



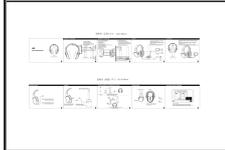
Figure 10: ANSTEN's commitment to customer satisfaction and support.

For any questions or assistance, please do not hesitate to contact ANSTEN customer support through the platform where you purchased the product or via the official ANSTEN website.



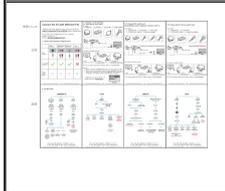
[Ansten Wireless Headphones for Smart TV Watching User Manual](#)

User manual for Ansten wireless headphones, providing setup guides, features, and troubleshooting for smart TV audio, with support for optical, AUX, and RCA inputs.



[AS30 Wireless Gaming Headset User Manual](#)

User guide for the AS30 Wireless Gaming Headset, covering product overview, power on/off, pairing, connections, microphone usage, charging, and system settings for Windows.



[Ansten K1 Wireless Headphones for TV: Setup and Connection Guide](#)

Comprehensive guide to setting up Ansten K1 wireless headphones for TV viewing. Learn how to connect using Optical, RCA, or AUX audio outputs to Samsung, LG, and Sony TVs. Includes troubleshooting tips and detailed instructions.



[FCC Grant of Equipment Authorization for ANSTEN AS60 Wireless Headphones](#)

Official FCC Grant of Equipment Authorization for the ANSTEN AS60 wireless headphones, detailing technical specifications, frequency range, and compliance information from Shenzhen maosong keji youxian gongsi.



[Creality K2 Pro 3D Printer User Manual - Setup, Operation, and Maintenance](#)

Comprehensive user manual for the Creality K2 Pro 3D Printer. Covers unboxing, setup, connecting CFS, user interface, filament loading, printing, and maintenance. Includes specifications and safety guidelines.

