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> [Holdsound BKM400 Wireless TV Headphones Instruction Manual](#)

Holdsound BKM400

Holdsound BKM400 Wireless TV Headphones Instruction Manual

Model: BKM400

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your **Holdsound BKM400 Wireless TV Headphones**. Please read this manual thoroughly before using the product to ensure proper function and to maximize your listening experience.

What's in the Box:

- Holdsound BKM400 Wireless Headphones
- USB Transmitter
- Type-C Charging Cable
- Optical Cable
- 3.5mm AUX Cable
- RCA (red/white) Cable



2. SAFETY INFORMATION

To ensure safe and proper use of your headphones, please observe the following guidelines:

- **Hearing Protection:** Avoid listening at high volume levels for extended periods to prevent hearing damage.
- **Environmental Awareness:** Do not use headphones in situations where inability to hear ambient sounds could be dangerous (e.g., driving, cycling, walking in traffic).
- **Cleaning:** Clean the headphones with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Battery Care:** Do not attempt to replace the battery yourself. Dispose of batteries according to local regulations. Avoid exposing the headphones to extreme temperatures.
- **Water Exposure:** These headphones are not waterproof. Avoid exposure to rain, moisture, or submersion in liquids.

3. PRODUCT OVERVIEW

The Holdsound BKM400 Wireless TV Headphones are designed to provide a private and immersive audio experience for television viewing. Key features include:

- **Private Listening:** Enjoy TV audio without disturbing others, ideal for late-night viewing or shared living spaces.
- **Enhanced Clarity:** Features boosted volume and vocal clarity, beneficial for users with mild hearing loss.
- **Plug & Play Connectivity:** Simple setup with a USB transmitter, supporting various audio output options (USB, Optical, AUX, RCA).
- **Ultra-Low Latency:** Advanced Bluetooth 5.3 technology ensures audio-video synchronization with less than 40ms delay.
- **Extended Range:** Reliable wireless range up to 50 meters (164 ft) allows freedom of movement.
- **Long Battery Life:** Up to 40 hours of continuous playtime on a single charge.
- **Comfortable Design:** Adjustable headband and soft, breathable memory-protein ear cups for extended wear.



Figure 2: Headphone Audio Technology

4. SETUP

The Holdsound BKM400 headphones offer multiple connection methods to your TV. Choose the method that best suits your TV's available audio output ports.

4.1. USB Connection (Recommended for TVs with USB Audio Output)

This method is ideal for TVs that support audio output via their USB port. No additional audio cables are required.

1. **Insert USB Transmitter:** Plug the **Holdsound USB Transmitter** directly into an available USB AUDIO OUT port on your TV. The indicator light on the transmitter will flash red and blue alternately, indicating it

is in pairing mode.

2. **Power On Headphones:** Long press the power button on the headphones for approximately 3 seconds to turn them on. The indicator light on the headphones will also flash red and blue alternately.
3. **Pairing:** After a few seconds, a slow breathing blue light will appear on both the headphone and the transmitter, indicating successful pairing.
4. **Adjust TV Audio Settings (if no sound):** If you experience no sound, navigate to your TV's audio settings and ensure the **Digital Audio Output Format** is set to **PCM**. Refer to your TV's manual for specific instructions.



Figure 3: USB Transmitter Connection

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Video 1: USB Connection Operation. This video demonstrates how to connect the headphones using the USB transmitter.

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Video 2: How to Set Up PCM on TV. This video guides you through adjusting your TV's audio output settings to PCM.

4.2. 3.5mm AUX Connection

Use this method if your TV has a 3.5mm headphone or audio out jack.

1. **Power the Transmitter:** Plug the **3.5mm AUX cable** into the transmitter's 3.5mm AUX port. Insert the transmitter directly into your TV's USB port or into an external USB power supply for power. The indicator light on the transmitter will flash red and green alternately.
2. **Connect to TV:** Plug the other end of the **3.5mm AUX cable** into the 3.5mm/Headphone Audio Out port on your TV.
3. **Power On Headphones:** Long press the power button on the headphones for approximately 3 seconds to turn them on. The indicator light on the headphones will flash red and blue alternately.
4. **Pairing:** When a slow breathing blue light is on the headphone and a slow breathing green light is on the transmitter, the pairing is successful.
5. **Adjust TV Audio Settings (if no sound):** If no sound, adjust your TV's audio settings to **USB** or switch to another connection method.

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Video 3: 3.5mm AUX Connection Operation. This video demonstrates how to connect the headphones using a 3.5mm AUX cable.

4.3. Optical Connection

Use this method if your TV has a Digital Optical/SPDIF Audio Out port.

1. **Prepare Optical Cable:** Remove the plastic protective caps from both ends of the **Optical Cable**. Ensure the optical cable connects correctly to your TV.
2. **Power the Transmitter:** Plug the **Optical Cable** into the transmitter's optical port. Insert the transmitter directly into your TV's USB port or into an external USB power supply for power. The indicator light on the transmitter will flash red and white alternately.
3. **Connect to TV:** Plug the other end of the **Optical Cable** into the Digital Optical/SPDIF Audio Out port on your TV.
4. **Power On Headphones:** Long press the power button on the headphones for approximately 3 seconds to turn them on. The indicator light on the headphones will flash red and blue alternately.
5. **Pairing:** When a slow breathing blue light is on the headphone and a slow breathing white light is on the transmitter, the pairing is successful.
6. **Adjust TV Audio Settings (if no sound):** If no sound, navigate to your TV's audio settings and ensure the **Digital Audio Output Format** is set to **PCM**.

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Video 4: Optical Connection Operation. This video demonstrates how to connect the headphones using an optical cable.

4.4. RCA Connection

Use this method if your TV has red and white RCA Audio Out ports.

1. **Connect RCA and AUX Cables:** Connect the **RCA Cable** to the **3.5mm AUX cable**.
2. **Power the Transmitter:** Plug the **3.5mm AUX cable** into the transmitter's 3.5mm AUX port. Insert the transmitter directly into your TV's USB port or into an external USB power supply for power. The indicator light on the transmitter will flash red and green alternately.
3. **Connect to TV:** Plug the red and white ends of the **RCA Cable** into the corresponding red and white RCA AUDIO OUT ports on your TV.
4. **Power On Headphones:** Long press the power button on the headphones for approximately 3 seconds to turn them on. The indicator light on the headphones will flash red and blue alternately.
5. **Pairing:** When a slow breathing blue light is on the headphone and a slow breathing green light is on the transmitter, the pairing is successful.
6. **Adjust TV Audio Settings (if no sound):** If no sound, navigate to your TV's audio settings and ensure the **Digital Audio Output Format** is set to **PCM**.

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Video 5: RCA Connection Operation. This video demonstrates how to connect the headphones using an RCA cable.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

- **To Power On:** Long press the power button on the headphones for approximately 3 seconds. The indicator light will illuminate.
- **To Power Off:** Long press the power button on the headphones for approximately 3 seconds. The indicator light will

turn off.

5.2. Volume Control

The headphones feature **16 adjustable volume levels**. Use the volume up (+) and volume down (-) buttons located on the earcup to adjust the listening volume to your preference.

5.3. Re-pairing (One-Button Reset)

If the headphones lose connection or fail to pair, simply turn the headphones off and then on again. The system is designed for an *intuitive one-button reset* to re-establish connection quickly.



Figure 4: Easy Re-pairing for Seniors

6. MAINTENANCE

6.1. Cleaning

- Wipe the headphones and transmitter with a soft, dry, lint-free cloth.
- Do not use abrasive cleaners, solvents, or chemical agents.
- Avoid getting moisture into any openings.

6.2. Storage

- Store the headphones in a cool, dry place away from direct sunlight and extreme temperatures.
- When not in use for extended periods, ensure the headphones are fully charged before storage to preserve battery health.

7. TROUBLESHOOTING

If you encounter issues with your Holdsound BKM400 headphones, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound from headphones	Headphones not paired; TV audio output settings incorrect; Volume too low; Incorrect cable connection.	Ensure headphones are powered on and paired (slow breathing blue light). Check TV audio output settings (set to PCM for Optical/RCA, or USB for USB connection). Increase headphone and TV volume. Verify all cables are securely connected to the correct ports.
Headphones not pairing	Out of range; Interference; Pairing mode not active.	Ensure headphones and transmitter are within range (up to 50m). Turn headphones off and on again to re-enter pairing mode. Avoid strong electromagnetic interference.
Audio delay/latency	TV processing delay; Signal interference.	The BKM400 features ultra-low latency. If delay occurs, ensure TV audio settings are optimized (e.g., disable any additional audio processing on the TV). Try moving closer to the transmitter.
Short battery life	High volume usage; Battery degradation over time.	Reduce listening volume. Ensure headphones are fully charged before use (charging time: 3-4 hours).
Poor sound quality	Weak signal; Incorrect audio format; Damaged cable.	Ensure strong, clear connection. Verify TV audio output is set to PCM . Try a different audio cable if applicable.

8. SPECIFICATIONS

Feature	Specification
Model Name	BKM400
Connectivity Technology	Wireless (Bluetooth 5.3)
Wireless Range	Up to 50 meters (165 ft)
Audio Latency	Less than 40 milliseconds
Battery Life	Up to 40 hours (at medium volume)
Charging Time	3-4 hours
Audio Driver Size	40 Millimeters
Earpiece Shape	Over Ear
Noise Control	Passive Noise Cancellation
Input Device Interface	3.5 mm Audio Output, Optical Audio Output, RCA Audio Output, USB Audio Output
Special Features	Adjustable Headband, Lightweight, Rechargeable Battery, Volume Control

9. WARRANTY AND SUPPORT

Holdsound products are manufactured with high-quality standards. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Holdsound website. Please retain your proof of purchase for warranty claims.