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## Rybozen BH061

# Rybozen BH061 Wireless TV Headphones User Manual

Model: BH061 | Brand: Rybozen

## PRODUCT OVERVIEW

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The Rybozen BH061 Wireless TV Headphones system provides a high-fidelity audio experience for watching TV, playing games, or using a computer without disturbing others. Featuring 2.4GHz digital RF technology, it offers an extended wireless range and multiple audio input options.

## Package Contents

Upon unboxing, please ensure all items are present:

- Rybozen Wireless Headphones
- 2.4G Digital RF Transmitter (Charging Dock)
- Optical Cable
- RCA Cable
- 3.5mm AUX Cable
- AC Power Adapter
- User Manual



Image: Rybozen BH061 Wireless TV Headphones, transmitter, various cables, and user manual.

## SETUP GUIDE

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### 1. Charging the Headphones

Before initial use, fully charge the headphones for approximately 6 hours. The transmitter also serves as the charging dock.

1. Connect the AC power adapter to the transmitter's DC 5V power input and plug it into a power outlet.
2. Slide the power switch on the transmitter to the 'ON' position. The 'POWER' LED will illuminate.
3. Ensure the headphones are powered off.
4. Place the headphones onto the transmitter dock, aligning the charging contacts. The operating indication LED on the transmitter will flash RED once per 0.5 second while charging.
5. The operating indication LED will turn OFF when the headphones are fully charged. If headphones are not properly placed, the LED will not light up.

### 2. Connecting the Transmitter to Your TV

The transmitter supports Optical, AUX (3.5mm), and RCA audio inputs. Choose the appropriate connection

method for your TV.

### Option 1: TV with Optical Audio Output (Recommended for best quality)

1. Connect one end of the Optical cable to the 'OPTICAL OUTPUT' port on your TV.
2. Connect the other end of the Optical cable to the 'OPTICAL' input on the transmitter.
3. Slide the audio source switch on the transmitter to 'OPTICAL'.
4. Access your TV's audio settings. Navigate to 'Sound' or 'Audio Output'.
5. Set the TV's audio output format to 'PCM' or ensure 'Dolby/DTS' is off. The menu options may vary depending on your TV brand and model.

### Option 2: TV with AUX/3.5mm Audio Output

1. Connect one end of the 3.5mm AUX cable to the headphone jack (3.5mm audio output) on your TV.
2. Connect the other end of the 3.5mm AUX cable to the 'AUDIO-IN' port on the transmitter.
3. Slide the audio source switch on the transmitter to 'AUDIO-IN'.
4. Access your TV's audio settings. Navigate to 'Sound' or 'Audio Output'.
5. Set the TV's speaker option to 'Headset' or 'External Speaker'. The menu options may vary depending on your TV brand and model.

### Option 3: TV with RCA Audio Output

1. Connect the RCA cable (red and white plugs) to the 'AUDIO OUT' ports (red for right, white for left) on your TV. **Ensure you use ports labeled "AUDIO OUT"; other red/white ports like "COMPONENT IN" are incorrect.**
2. Connect the other end of the RCA cable (3.5mm jack) to the 'AUDIO-IN' port on the transmitter.
3. Slide the audio source switch on the transmitter to 'AUDIO-IN'.
4. Access your TV's audio settings. Navigate to 'Sound' or 'Audio Output'.
5. Set the TV's speaker option to 'Headset' or 'External Speaker'. The menu options may vary depending on your TV brand and model.



Image: Transmitter with clearly labeled audio input ports (RCA/3.5mm, Optical) and power input.

Your browser does not support the video tag. This video demonstrates the setup and connection process for the Rybozen Wireless TV Headphones with 2.4G Digital RF Transmitter, including charging and connecting to a TV via optical, AUX, or RCA cables, and adjusting TV audio settings.

Video: Detailed setup guide for Rybozen BH061 Wireless TV Headphones.

## OPERATING INSTRUCTIONS

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### 1. Powering On/Off and Pairing

1. Press the power button on the right earcup of the wireless headphones to turn them on. The signal indication LED will flash RED.
2. The headphones will automatically pair with the transmitter. Once paired, the headphone's signal indication LED will turn RED.
3. To turn off, press and hold the power button until the LED turns off.

## 2. Adjusting Volume and Sound Effects

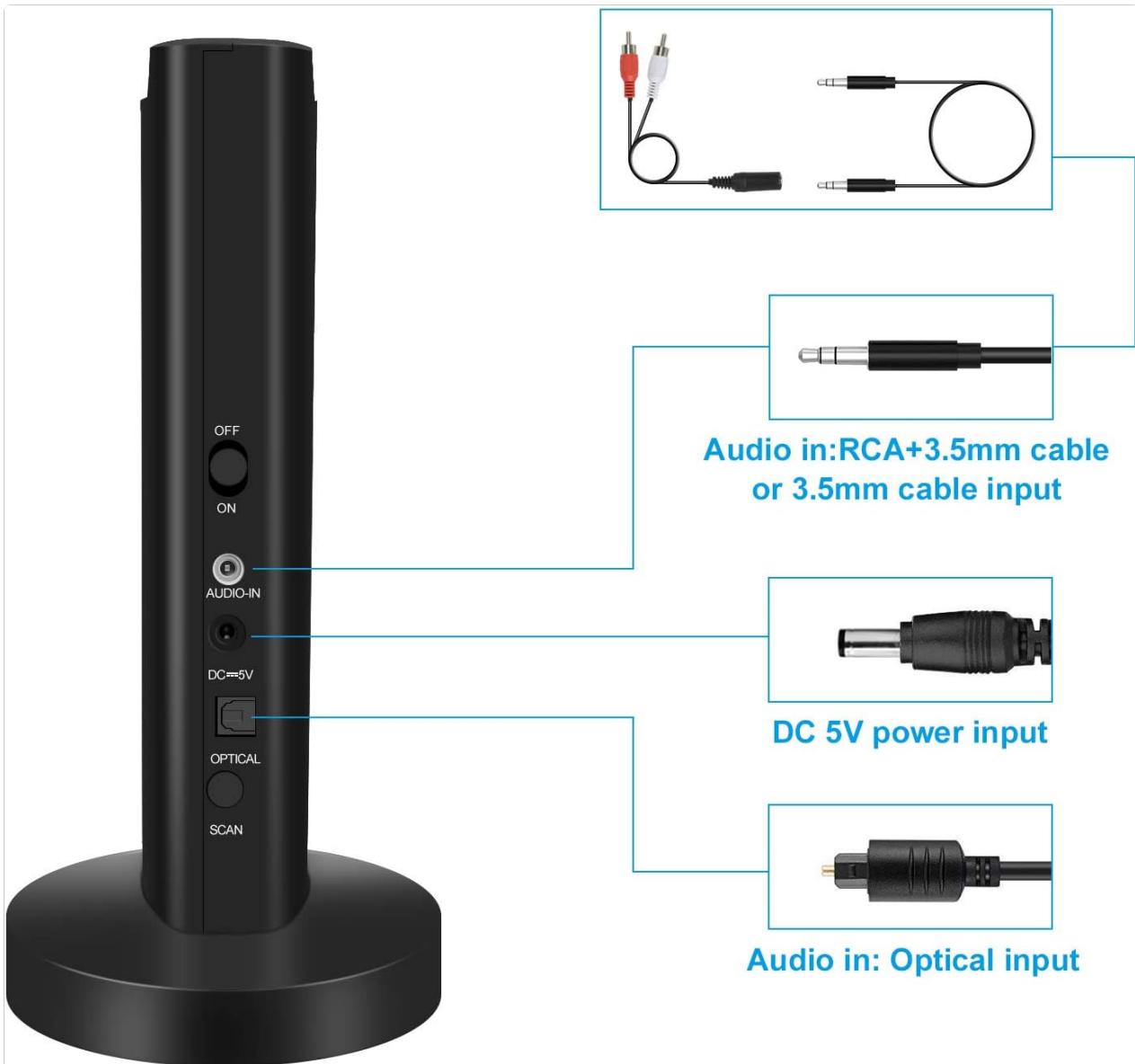


Image: Headphone controls for volume, scan, and power.

- **Volume Control:** Use the 'VOL+' and 'VOL-' buttons on the left earcup to adjust the music volume.
- **Sound Effects (EQ):** The default sound effect is 'Original Sound'. Press the 'SCAN' button on the left earcup to cycle through sound effects:
  - First press: 3D Surround Sound (signal indication LED turns GREEN).
  - Second press: Bass Sound Effect (signal indication LED turns ORANGE).
  - Third press: Original Sound (signal indication LED turns RED).

## 3. Automatic Power Off

If there is no audio output from the TV or other source for 10 minutes, the headphones will automatically power off to conserve battery.

## MAINTENANCE

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### 1. Cleaning

- Wipe the headphones and transmitter with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or strong chemicals.

## 2. Storage

- Store the headphones on the charging dock when not in use to keep them charged and ready.
- Avoid storing in extreme temperatures or high humidity.

## 3. Battery Care

- For optimal battery life, avoid completely draining the battery frequently.
- Charge the headphones regularly, even if not used for extended periods.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from headphones	<ol style="list-style-type: none"> <li>1. Transmitter not powered on.</li> <li>2. Headphones not powered on.</li> <li>3. Incorrect audio cable connection.</li> <li>4. Incorrect TV audio output settings.</li> <li>5. Headphones not paired.</li> </ol>	<ol style="list-style-type: none"> <li>1. Ensure transmitter power switch is ON.</li> <li>2. Turn on headphones.</li> <li>3. Verify audio cable is securely connected to the correct 'AUDIO OUT' port on TV and 'AUDIO-IN' or 'OPTICAL' on transmitter.</li> <li>4. Adjust TV audio settings (PCM, Headset/External Speaker).</li> <li>5. Place headphones on the dock to re-pair.</li> </ol>
Poor sound quality/static	<ol style="list-style-type: none"> <li>1. Out of range.</li> <li>2. Interference from other 2.4GHz devices.</li> <li>3. Low headphone battery.</li> </ol>	<ol style="list-style-type: none"> <li>1. Move closer to the transmitter.</li> <li>2. Move other 2.4GHz devices away from the transmitter/headphones.</li> <li>3. Recharge headphones.</li> </ol>
Headphones not charging	<ol style="list-style-type: none"> <li>1. Transmitter not powered.</li> <li>2. Headphones not correctly placed on dock.</li> <li>3. Charging contacts dirty.</li> </ol>	<ol style="list-style-type: none"> <li>1. Ensure transmitter is plugged in and powered on.</li> <li>2. Re-position headphones on the dock to ensure proper contact.</li> <li>3. Clean charging contacts on both headphones and dock with a dry cloth.</li> </ol>
Headphones turn off automatically	No audio signal for 10 minutes.	This is a power-saving feature. Ensure your audio source is active.

## SPECIFICATIONS

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Feature	Detail
Model Number	BH061
Connectivity Technology	Wireless (2.4GHz RF)
Wireless Range	Up to 160 feet / 50 meters
Audio Driver Type	Dynamic Driver
Earpiece Shape	Over-Ear
Input Device Interface	Optical, 3.5mm, RCA
Battery Life	Approximately 18 hours
Charging Time	Approximately 6 hours
Item Weight	1.04 Pounds
Product Dimensions	4 x 3.5 x 9.6 inches
Manufacturer	DIGITNOW

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the contact details provided with your product packaging or visit the official Rybozen website. Keep your purchase receipt for warranty claims.