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HomeSpot HS-JM320-BUN210

HomeSpot JM320 Auracast TV Headphones Instruction Manual

Model: HS-JM320-BUN210

1. Introduction

The HomeSpot JM320 Auracast TV Headphones and BA210 AV Broadcaster bundle offers a high-quality, low-latency audio solution for immersive TV viewing and gaming. Utilizing LE Audio and Auracast technology, this system provides seamless multi-device connectivity and extended range, enhancing your audio experience.

2. What's in the Box

- HomeSpot JM320 Wireless Headphones x 1
- HomeSpot BA210 AV Broadcaster x 1
- 3.5mm to Optical Toslink Cable x 1
- 3.5mm to RCA Cable x 1
- 3.5mm to 3.5mm Cable x 1
- USB-C Charging Cable x 2
- USB UL Listed Power Adapter x 1



Figure 2.1: All components included in the HomeSpot JM320 and BA210 bundle.

3. Setup

3.1 Initial Connection (Plug-and-Play)

1. Power the BA210 AV Broadcaster using the provided USB-C charging cable and USB power adapter.
2. Connect the BA210 Broadcaster to your TV's audio output using one of the included cables (3.5mm AUX, RCA, or Toslink Optical). Ensure the correct audio output is selected on your TV.
3. Turn on the HomeSpot JM320 Wireless Headphones. The headphones and broadcaster are pre-configured and will connect automatically.

3.2 Advanced Setup with QKAudio App

For additional configuration, such as adding more Auracast-enabled headphones or speakers, or managing multiple BA210 Broadcasters, download the QKAudio mobile app. The app allows you to connect to your headphones via a standard Bluetooth connection and manage available Auracast broadcasts.

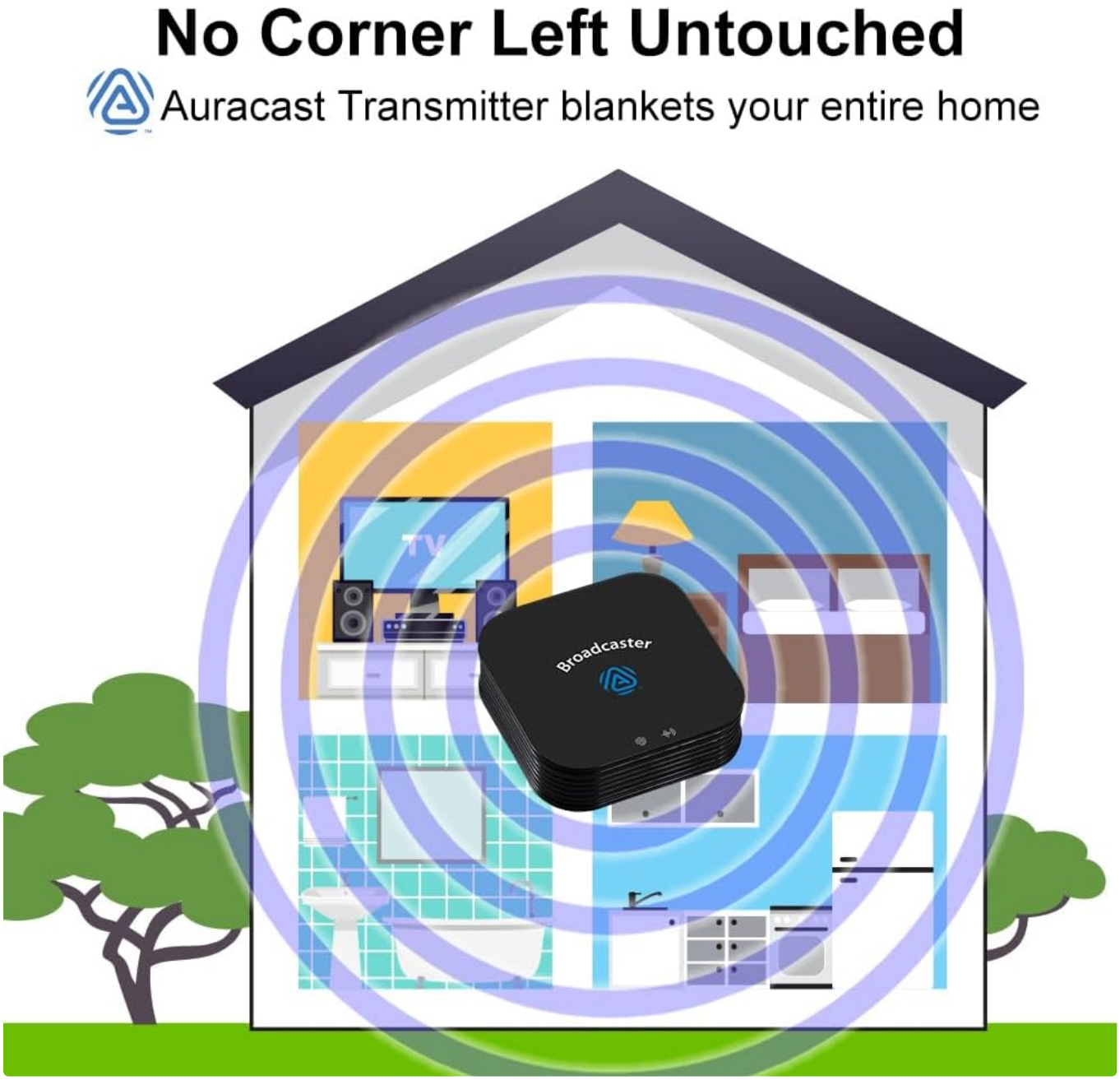


Figure 3.1: The BA210 Broadcaster supports 3.5mm AUX, RCA, and Toslink Optical audio inputs for wide compatibility with various devices.

4. Operating the System

4.1 Auracast Broadcast Audio

The JM320 headphones are Auracast capable, allowing them to scan and connect to available Auracast broadcasts in your environment. This is similar to tuning an FM radio to find available stations. Once an Auracast broadcast is detected, you can tap on it in the QKAudio app to instantly begin listening.



Figure 4.1: The Auracast Transmitter provides extensive coverage, blanketing your entire home with audio.

4.2 Seamless Multi-Device Connectivity

The system allows for effortless switching between your TV audio (via the BA210 Broadcaster) and mobile audio (from your smartphone). If you have multiple BA210 Broadcasters, you can switch among up to three TVs with a single press on the headphones. This feature provides a seamless audio experience, similar to how Apple AirPods transition across iOS and MacOS devices.



Figure 4.2: Seamlessly switch between multiple transmitters to stay connected to your smartphone or other audio sources.

4.3 Unlimited Headphone Sharing

The Auracast Transmitter supports unlimited headphone sharing, allowing multiple users to listen to the same audio source simultaneously. This is ideal for shared viewing experiences without disturbing others.

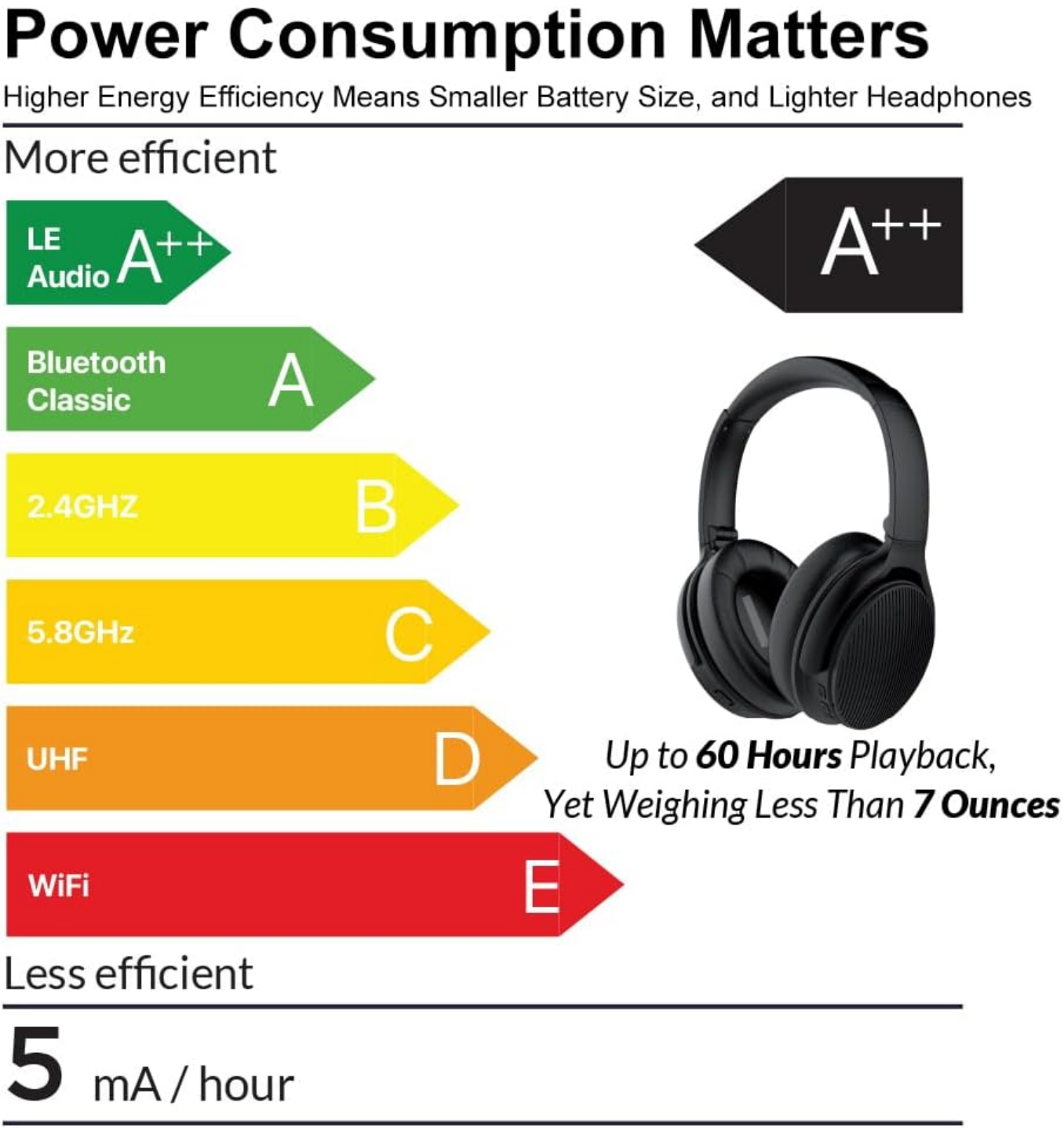


Figure 4.3: The Auracast Transmitter enables boundless bonding, supporting unlimited headphone sharing for a collective listening experience.

4.4 Low Latency Audio (LC3 Codec)

Enjoy minimal audio delay (less than 40ms) for immersive TV viewing and gaming. This is achieved through the LC3 audio codec, a new standard that provides high-quality audio at lower power consumption, contributing to the headphones' lightweight design and extended battery life.

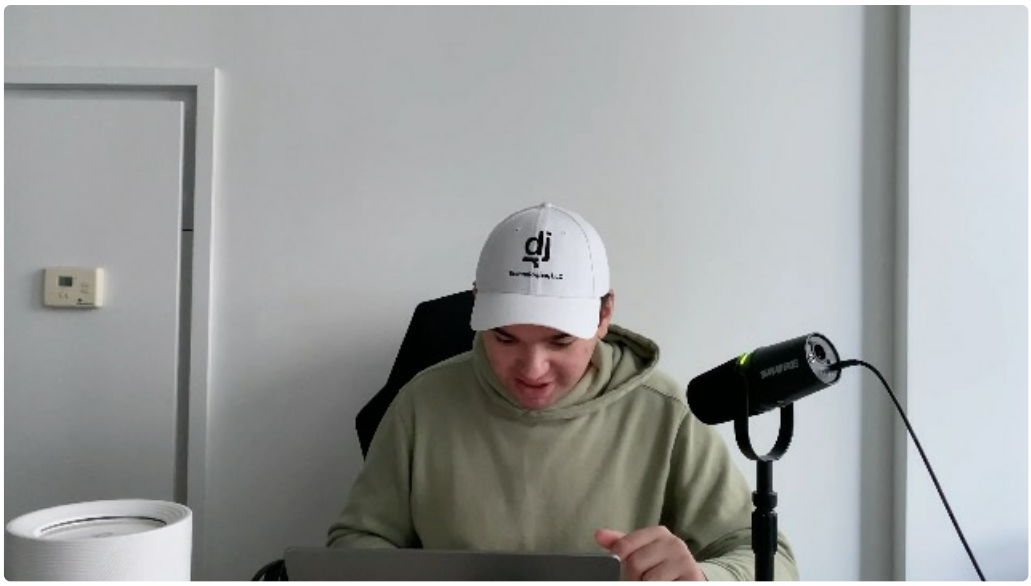


Figure 4.4: Experience a totally lag-free audio experience powered by Auracast Technology, ideal for gaming and video.

5. Maintenance

5.1 Battery Life

The JM320 headphones are designed for extended use, offering up to 60 hours of playback on a single charge. This is due to LE Audio's higher energy efficiency, allowing for a smaller battery while maintaining long playtime. The headphones weigh less than 7oz (190g), making them comfortable for prolonged listening sessions.



Figure 5.1: LE Audio's power efficiency contributes to the headphones' lightweight design and impressive battery life.

5.2 General Care

To ensure the longevity of your headphones and broadcaster, keep them clean and dry. Avoid exposing them to extreme temperatures or moisture. Store them in a safe place when not in use to prevent damage.

6. Troubleshooting

6.1 Audio Drops or Switching Issues

While the system is designed for stable connections, occasional audio drops or unexpected switching between stereo and mono modes may occur. This could be related to environmental interference or specific compatibility issues with certain audio sources. Ensure all connections are secure and try restarting both the broadcaster and headphones.

6.2 Compatibility with 5.1 Audio

The BA210 Broadcaster's optical input may not fully support 5.1 surround sound formats. If you experience issues with 5.1 audio, try converting the audio output to stereo on your source device (e.g., TV, Blu-ray player) or use the analog 3.5mm or RCA connections if available.

6.3 Auracast Broadcast Types

The current BA210 Broadcaster model primarily supports encrypted audio broadcasts, requiring a password to connect. Future versions may support unencrypted (open) broadcasts, which would allow any Auracast-enabled device to connect without a password. If you are unable to connect to a public broadcast, ensure it is not encrypted or that you have the correct password.

7. Specifications

Feature	Specification
Model Name	HS-JM320-BUN210
Connectivity Technology	Wireless, Bluetooth, LC3, LE Audio, Auracast
Wireless Communication Technology	Bluetooth, LC3 aptX Adaptive HD, LE Audio, Snapdragon Sound
Bluetooth Version	5.3
Bluetooth Range	60 Meters
Audio Latency	40 Milliseconds
Frequency Response	20000 Hz
Audio Driver Size	40 Millimeters
Impedance	60 Ohm
Charging Time	1 Hours
Item Weight	1.04 pounds

8. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your product or visit the official HomeSpot website. HomeSpot is committed to providing excellent customer service and support for their products.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

What is the charging time for the HomeSpot HS-JM320-BUN210 headphones?

The charging time for the HomeSpot JM320 Auracast TV Headphones is 1 hour. According to the product specifications, a full charge provides up to 60 hours of playback time. The package includes two USB-C...

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