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SoundPEATS Q40 HD

SoundPEATS Q40 HD Sports Neckband Headphones User Manual

Model: Q40 HD

Brand: SoundPEATS

INTRODUCTION

Thank you for choosing SoundPEATS Q40 HD Sports Neckband Headphones. This manual provides detailed instructions on how to set up, operate, and maintain your new headphones to ensure optimal performance and longevity. Please read this manual thoroughly before use.

WHAT'S IN THE BOX

- SoundPEATS Q40 HD Neckband Headphones
- USB-C Charging Cable
- User Manual
- Quick Guide
- Various sizes of silicone ear tips (XS/S/M/L/XL)
- Various sizes of silicone ear wings (L/M/S)
- Carabiner clip
- Storage case



Image: The SoundPEATS Q40 HD headphones, USB-C cable, various ear tips and ear wings, a storage case, and a carabiner clip are neatly arranged, showing all included accessories.

WEARING YOUR HEADPHONES

For optimal sound quality and comfort, ensure a proper fit. The Q40 HD comes with multiple ear tip and ear wing sizes to suit your ears.

Selecting the Right Ear Tips and Wings

Experiment with the included 5 sizes of silicone ear tips (XS/S/M/L/XL) and 3 sizes of silicone ear wings (L/M/S) to find

the combination that provides the best seal and most secure fit for your ears. A good seal is crucial for bass response and noise isolation.



The Brand You Can Trust

- Trusted by Thousands, Loved by Millions**
Unmatched Audio Experience for Everyone
- Trending Quality, Trusted Performance**
Innovative Technology and Exceptional Sound
- High Ratings, Low Returns, Pure Satisfaction**
Customer-Centric Design and Reliable Quality
- Official Coverage**
Comprehensive Support and Service Protection

Image: A selection of black silicone ear tips in different sizes (XS, S, M, L, XL) and ear wings (L, M, S) are displayed, highlighting the customization options for fit.

Adjusting the Cable

Use the silicone cable adjuster to modify the length of the neckband cable for a snug and comfortable fit around your neck. This helps prevent tangling and keeps the headphones secure during activity.

BRING MUSIC TO LIFE

7
Invention Patents

23
Utility Model Patents

78
Design Patents

51
Design Patents

SoundPEATS is committed to integrating music into daily life through the use of intelligent technology. Our goal is to create innovative and scientific wireless Bluetooth products that provide every user with an exceptional audio-visual experience.

A close-up photograph of a hand using a pen to sketch various earphone designs on a piece of paper. The sketches show different shapes and sizes of earbuds and neckbands.

Image: A close-up of hands demonstrating how to adjust the silicone cable clip on the neckband of the Q40 HD headphones to shorten or lengthen the cable.

Wearing Procedure

1. Position the earphones above your ears.
2. Rotate the earphones along the ear contour to insert them comfortably.
3. Press gently for a more secure fit.

Your browser does not support the video tag.

Video: This video demonstrates the correct method for wearing the SoundPEATS Q40 HD headphones, showing how to position them above the ear, rotate for insertion, and gently press for a secure fit.

CHARGING YOUR HEADPHONES

The SoundPEATS Q40 HD headphones feature a USB-C charging port for convenient and fast charging.

Charging Procedure

1. Locate the USB-C charging port on the earphone control box.
2. Gently open the rubber cover of the charging port. Avoid pulling forcefully to prevent detaching the cover.
3. Connect a Type-C charging adapter (charging current should not exceed 1A) to the port using the provided USB-C cable.
4. After charging, close the rubber cover tightly to prevent liquid from entering and damaging the headphones.

Note: If the headphones are not used for a long period, charge them at least once every three months to maintain battery health.

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Video: This video guides users on how to charge the SoundPEATS Q40 HD headphones, including opening the port cover, connecting the USB-C cable, and important notes on charging practices.

TRUSTWORTHY SOUNDPEATS

SOUNDPEATS has been attracting music enthusiasts from all over the world with their high-quality products and attentive customer service. Additionally, they promise a one-year warranty for all SOUNDPEATS products sold in addition to providing complete after-sales service.



Image: The control unit of the SoundPEATS Q40 HD headphones is shown with a USB-C cable plugged into its charging port, indicating the charging process.

OPERATING YOUR HEADPHONES

Power On/Off

- **Power On:** Press and hold the Multi-function Button for 3 seconds.
- **Power Off:** Press and hold the Multi-function Button for 3 seconds.

Bluetooth Pairing

1. Ensure the headphones are powered off.
2. Press and hold the Multi-function Button for 5 seconds until the LED indicator flashes red and blue, indicating pairing mode.
3. Activate Bluetooth on your device (smartphone, tablet, etc.) and select "SOUNDPEATS Q40 HD" from the list of available devices.
4. Once connected, the LED indicator will turn blue.

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Video: This video demonstrates the basic operation of the SoundPEATS Q40 HD headphones, including powering on, off, and entering Bluetooth pairing mode.

Multi-Point Connection

The Q40 HD supports connecting to two devices simultaneously. This feature can be enabled via the SOUNDPEATS app.

1. Power on the earphones and enter pairing mode, then connect to Device A.
2. Turn off Bluetooth on Device A. The earphones will re-enter pairing mode.
3. On Device B, turn on Bluetooth and select "SOUNDPEATS Q40 HD" to complete pairing.
4. Turn Bluetooth back on for Device A and select the already paired "SOUNDPEATS Q40 HD".
5. Once connected, the earphones will now be connected to both devices simultaneously.

Your browser does not support the video tag.

Video: This video guides users through the process of setting up a multi-point connection for the SoundPEATS Q40 HD headphones, allowing simultaneous connection to two devices.

All-New Bluetooth 6.0 Upgrade

Engineered for Motion, the Q40 HD's Bluetooth 6.0 chip outperforms Q30/Q35 HD+'s 5.2 tech with rock-solid connections, ultra-low latency audio, and accelerated data/multidevice performance

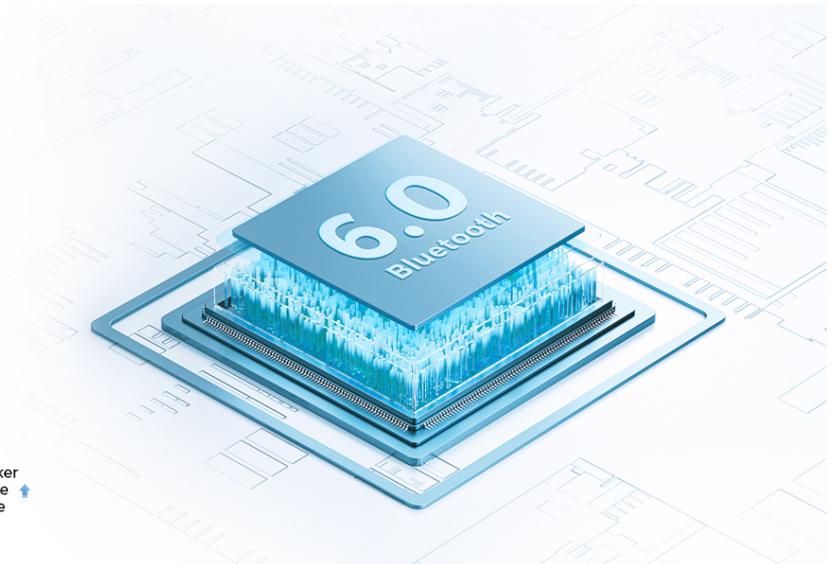


Image: The SoundPEATS Q40 HD headphones are shown connected to both a smartphone and a laptop, illustrating the multi-point connectivity feature.

Button Controls

The inline control unit provides easy access to various functions:

- **Multi-function Button (Center):** Power On/Off, Play/Pause, Answer/End Call.
- **Volume Up (+):** Increase volume, Next track (long press).
- **Volume Down (-):** Decrease volume, Previous track (long press).

Fast Charging & Long Battery Life

20H Total Playback Time | **10Min=5H** Super Fast Charge

Type-C Charging Port

*Tested in SOUNDPEATS labs. Actual results may vary based on volume level and environmental factors.



Image: A detailed view of the SoundPEATS Q40 HD's inline control panel, highlighting the physical buttons for volume control, play/pause, and call management.

ADVANCED SOUND FEATURES

LDAC Hi-Res Audio

Experience studio-quality sound with LDAC technology, which transmits up to 3 times more data than standard Bluetooth codecs. This ensures exceptional clarity and detail, delivering a true high-resolution audio experience.



Image: A graphic comparing Bluetooth audio codec bit rates (SBC, aptX, aptX Adaptive, LDAC), showing LDAC's superior 990 kbps transmission for high-quality audio.

11mm Dual-Magnetic Dynamic Drivers

Equipped with large 11mm dual-magnetic drivers and a PU+LCP composite diaphragm, these headphones produce powerful bass and crisp, clear highs. This design ensures precise instrument separation and an immersive listening experience.

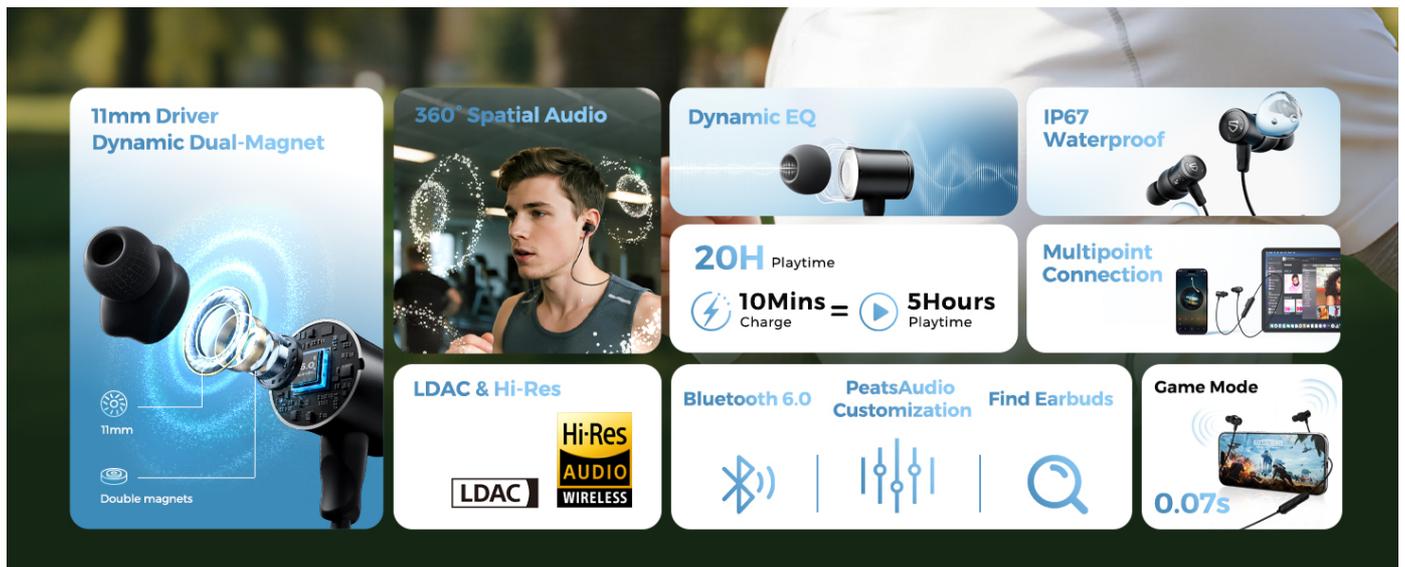


Image: An exploded diagram of the 11mm dual-magnetic dynamic driver, showcasing its internal components and the PU+LCP composite diaphragm for enhanced sound quality.

360° Immersive Spatial Sound

Immerse yourself in a captivating audio experience with 360° spatial audio. This technology transforms your listening, making you feel like you're at the center of the action, perfect for music, movies, and games.



Image: A man is shown cycling outdoors, wearing the Q40 HD headphones, with visual effects around his head indicating the immersive 360-degree spatial audio experience.

AI Call Noise Cancellation

The Q40 HD features AI-powered noise cancellation and a wind-resistant design, intelligently filtering background noise to ensure crystal-clear voice transmission during calls, even in noisy environments.

Studio-quality wireless audio

LDAC delivers 3x the bitrate of standard Bluetooth—like equipping your music with a microscope. Even when sprinting on a treadmill, every drumbeat stays crisp, never degrading into digital noise.

✓ Android users: Please verify your device's supported codecs in developer settings
✗ iOS limitations: Does not support LDAC.

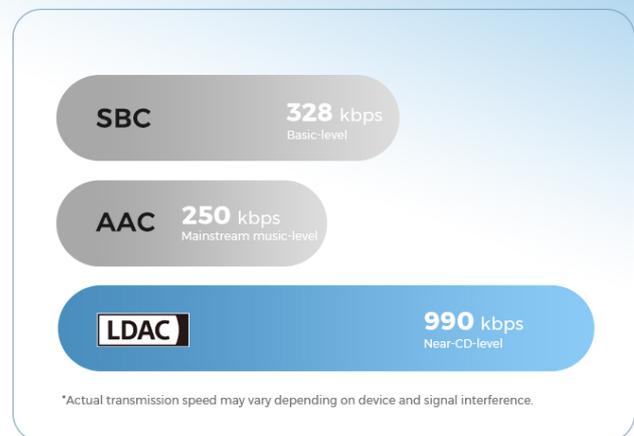
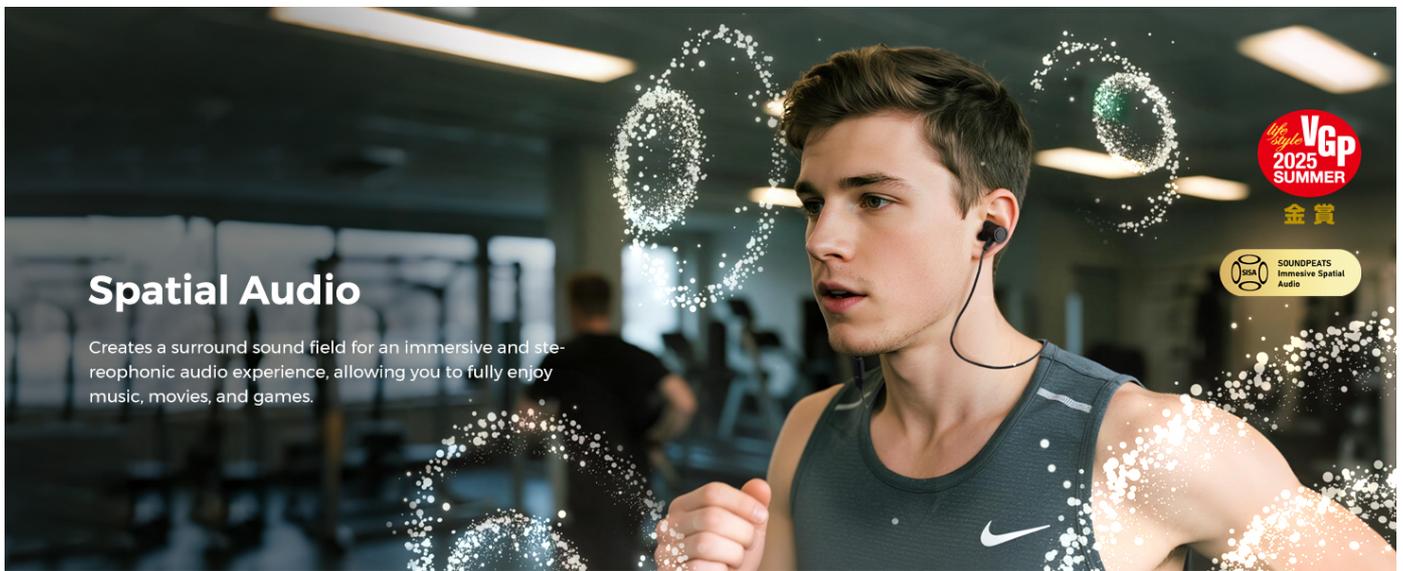


Image: A woman smiles while talking on her phone, wearing the Q40 HD headphones, illustrating the clear call quality provided by AI noise cancellation in a cafe setting.

DURABILITY AND BATTERY LIFE

IP67 Dust and Water Resistance

With an IP67 rating, these earbuds are fully protected against sweat, intense dust, and even temporary immersion in water. They are built to withstand your active lifestyle, making them ideal for workouts and outdoor activities.



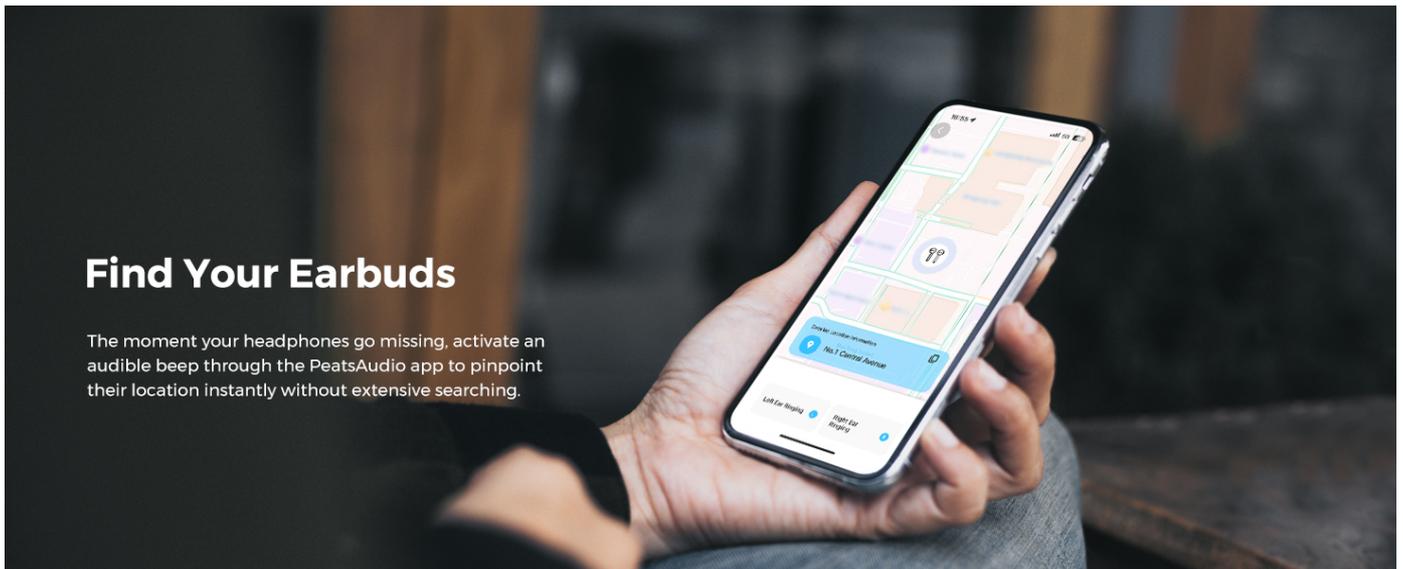
Spatial Audio

Creates a surround sound field for an immersive and stereophonic audio experience, allowing you to fully enjoy music, movies, and games.

Image: A man is shown cycling outdoors, wearing the Q40 HD headphones, with water droplets visible, emphasizing the IP67 dust and water resistance feature.

Extended Battery Life and Fast Charging

Enjoy up to 20 hours of total playback on a full charge. For quick power-ups, a 10-minute fast charge provides up to 5 hours of use, perfect for busy schedules.



Find Your Earbuds

The moment your headphones go missing, activate an audible beep through the PeatsAudio app to pinpoint their location instantly without extensive searching.

Image: A visual representation of the SoundPEATS Q40 HD's battery life, indicating 20 hours of total playback and a fast charge feature that provides 5 hours of use from a 10-minute charge.

PEATSAUDIO APP SUPPORT

Enhance your experience with the SoundPEATS app, available on Google Play and the App Store. The app unlocks additional features and customization options for your Q40 HD headphones.

App Features:

- **Adaptive EQ:** Fine-tune sound profiles to your activity (e.g., boosting bass for running, enhancing vocals for podcasts).
- **Mode Switch:** Easily switch between different audio modes.
- **Find Earbuds:** Locate misplaced headphones by activating an audible beep.
- **Battery Level Display:** Monitor the current battery status.
- **Personalized Equalizer:** Customize sound settings to your preference.

- **Multi-point Connection Management:** Manage connections to multiple devices.
- **Volume Adjustment:** Control playback volume directly from the app.
- **Reset Function:** Reset your headphones to factory settings.
- **Gaming Mode:** Activate low-latency mode for gaming.

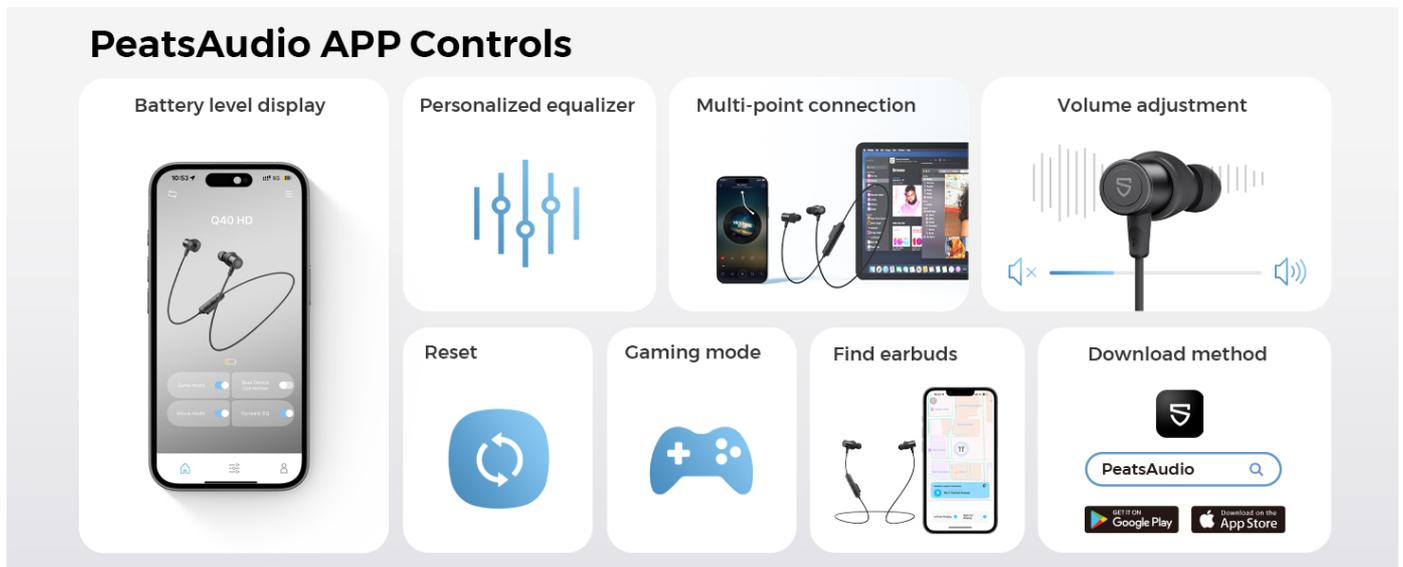


Image: A collage of screenshots from the PeatsAudio app, demonstrating features such as battery display, personalized equalizer, multi-point connection, volume adjustment, reset, gaming mode, and the 'Find Earbuds' function.

SPECIFICATIONS

| Feature | Detail |
|-------------------------|--|
| Model Name | SOUNDPEATS Q40 HD |
| Connectivity Technology | Wireless (Bluetooth) |
| Bluetooth Version | 6.0 |
| Bluetooth Range | 20 Meters |
| Audio Driver Size | 11 Millimeters |
| Audio Driver Type | Dynamic Driver |
| Special Features | LDAC Hi-Res Audio, IP67 Waterproof, 360° Immersive Spatial Sound |
| Water Resistance Level | Waterproof (IP67) |
| Battery Life | Up to 20 Hours |
| Charging Time | 10 minutes for 5 hours playback (Fast Charge) |
| Control Type | Button Control |
| Ear Placement | In Ear |
| Material | Silicone |
| Item Weight | 5 ounces |

TROUBLESHOOTING

Headphones not pairing?

- Ensure the headphones are in pairing mode (LED flashing red and blue).
- Turn off Bluetooth on other nearby devices that may be trying to connect.
- Clear the pairing record on your device and try pairing again.

No sound or low volume?

- Check the volume levels on both your headphones and your connected device.
- Ensure the headphones are properly connected to your device.
- Try resetting the headphones (via the SoundPEATS app or by following specific reset instructions if available).

Charging issues?

- Ensure the USB-C cable is securely connected to both the headphones and the power source.
- Verify that the charging adapter is functioning correctly and provides a current not exceeding 1A.
- Check the charging port for any debris or damage.

MAINTENANCE

- Regularly clean the ear tips and ear wings with a soft, damp cloth to prevent wax buildup and maintain hygiene.
- Keep the charging port clean and free of dust. Ensure the rubber cover is closed when not charging to protect against water and dust.
- Store the headphones in their provided case when not in use to prevent damage and tangling.
- Avoid exposing the headphones to extreme temperatures or direct sunlight for extended periods.

WARRANTY AND SUPPORT

SoundPEATS products come with a 12-month warranty from the date of original purchase. This warranty covers manufacturing defects. For warranty claims or technical support, please contact SoundPEATS customer service through their official website or the contact information provided in your Quick Guide.

For more information and support, visit the official SoundPEATS website: www.soundpeats.com