Turtle Beach TBS-2103-05

Turtle Beach Stealth 500 Wireless Gaming Headset User Manual

Model: TBS-2103-05

Brand: Turtle Beach

1. INTRODUCTION AND OVERVIEW

The Turtle Beach® Stealth™ 500 wireless amplified gaming headset for Xbox Series X|S and Xbox One redefines what an "entry-level" wireless headset is capable of. Equipped with low-latency, 2.4GHz wireless for gaming on Xbox® consoles plus Bluetooth® 5.2 connectivity for use on PC and mobile, the Stealth™ 500 is designed for versatile gaming on console and mobile.

Easily toggle back-and-forth between 2.4GHz wireless and Bluetooth® connections using the QuickSwitch button located right on the bottom of the headset. An ultra-lightweight design with a floating headband eliminates any pressure points for a perfect fit, and leatherette-wrapped memory foam ear cushions provide non-stop comfort and enhanced noise isolation.

A staggering battery life of up to 40 hours is best in its class, plus it features quick charge so you can get back in the game right away. Precision-tuned 40mm drivers are amplified to deliver renowned Turtle Beach® audio quality, optimized for spatial audio right out of the box. Lead your team to victory with ultra-clear voice accuracy thanks to a flip-to-mute omni-directional microphone.

Figure 1.1: Turtle Beach Stealth 500 Wireless Gaming Headset.

2. KEY FEATURES

- **Low-Latency 2.4GHz Wireless + Bluetooth 5.2 Connectivity:** Seamlessly connect to your Xbox consoles, PC, and mobile devices.

- **Best-in-Class Battery Life:** Enjoy up to 40 hours of continuous use with quick charge capability.

- **QuickSwitch Button:** Effortlessly switch between 2.4GHz wireless and Bluetooth connections.

- **Ultra-Lightweight, Floating Headband and Memory Foam Cushions:** Designed for extended comfort during long gaming sessions.

- **Amplified 40mm Drivers:** Precision-tuned for powerful spatial audio.

- **Swarm II Desktop and Mobile App:** Customize audio with advanced 10-band EQ, audio & microphone presets, and firmware updates.

- **Omni-Directional, Flip-to-Mute Microphone:** Ensures ultra-clear voice accuracy for communication.

- **Four Turtle Beach Audio EQ modes:** Enhance your gameplay with Bass Boost, Signature Sound, Treble Boost, and Vocal Boost.

- **Turtle Beach Exclusive Superhuman Hearing Sound Setting:** Gain a battlefield advantage with adjustable intensity.

- **Variable Mic Monitoring:** Hear your own voice through the headset to avoid shouting.

Figure 2.1: Ultra-lightweight design with floating headband and memory foam cushions for non-stop comfort.

3. PACKAGE CONTENTS

Your Turtle Beach Stealth 500 Wireless Gaming Headset package includes the following items:

- Turtle Beach® Stealth 500 Wireless Gaming Headset
- USB Wireless Transmitter
- 0.7m / 2.3ft Charging Cable (USB-A to USB-C)
- Quick Start Guide

Figure 3.1: Package Contents of the Stealth 500 Headset.

4. SETUP

4.1 Initial Connection

To begin using your Stealth 500 headset, connect the USB Wireless Transmitter to your gaming console (Xbox Series X|S, Xbox One) or PC. Ensure the transmitter is set to the correct mode (Xbox or USB) for your device.

Figure 4.1: USB Wireless Transmitter.

Figure 4.2: USB Wireless Transmitter connected.

4.2 Powering On and Pairing

Power on your headset by pressing and holding the power button. The headset will automatically attempt to pair with the connected USB Wireless Transmitter. For Bluetooth connections with mobile devices or PCs, activate Bluetooth on your device and put the headset into pairing mode using the dedicated Bluetooth pairing button.

Figure 4.3: Wireless and Bluetooth connectivity setup.
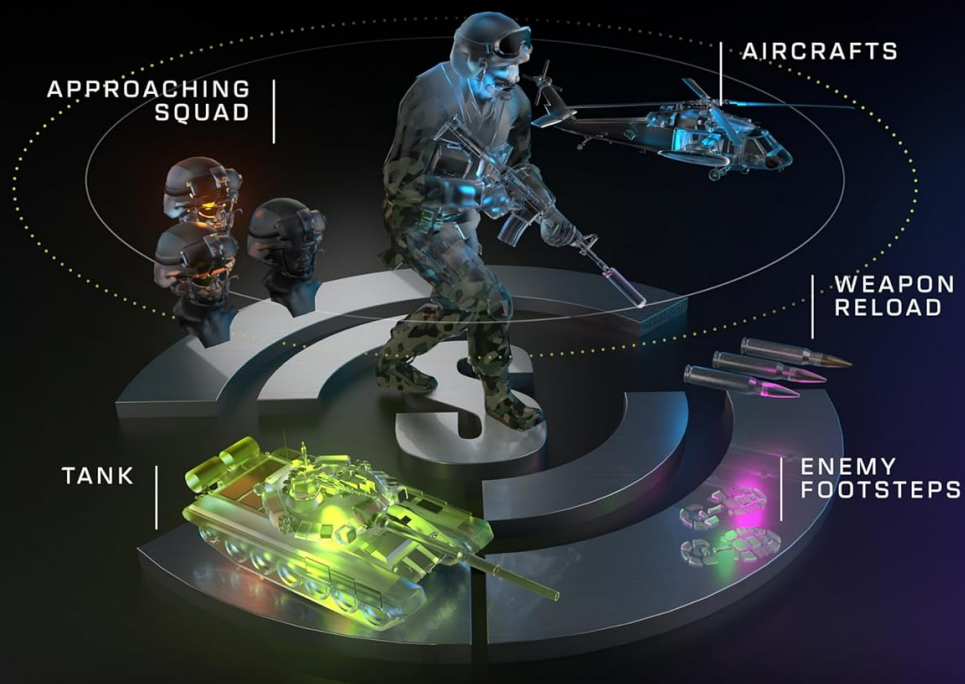
4.3 Software and Firmware Updates

For optimal performance and access to advanced features, download the Swarm™ II desktop software for PC or the mobile app for iOS & Android devices. Use the app to adjust EQ settings, activate Superhuman Hearing®, toggle EQ presets, and update the headset's firmware to ensure it's always up to date.

5. OPERATING INSTRUCTIONS

5.1 QuickSwitch Technology

The built-in QuickSwitch button allows you to easily switch between 2.4GHz wireless and Bluetooth® connections. A simple press of the button switches your audio and chat source between wireless and Bluetooth® devices, enabling you to effortlessly transition between connections.

Figure 5.1: QuickSwitch button for seamless mode transitions.

5.2 Microphone Usage

The omni-directional microphone features a convenient flip-to-mute function. Simply flip the microphone up to mute it, and flip it down to activate it for clear chat. You can also activate mic monitoring using the Swarm™ II app to hear your own voice level and avoid shouting.

Figure 5.2: Ultra-clear, flip-to-mute microphone.

5.3 Audio Customization and Controls

Utilize the Swarm™ II app for comprehensive audio customization, including a 10-band audio EQ. The headset also features easy-access controls for volume and other settings directly on the earcups.

Figure 5.3: Headset controls including volume and mode buttons.

Advanced Superhuman Hearing® allows you to toggle between three different preset levels and adjust the intensity to dial-in the perfect sound for a wide range of games, giving you a distinct audio advantage.

6. MAINTENANCE

6.1 Charging the Headset

The Stealth 500 headset boasts a best-in-class battery life of up to 40 hours. To charge, connect the included USB-A to USB-C charging cable to the headset's USB-C port and a power source. The quick charge feature allows you to get back into the game faster.
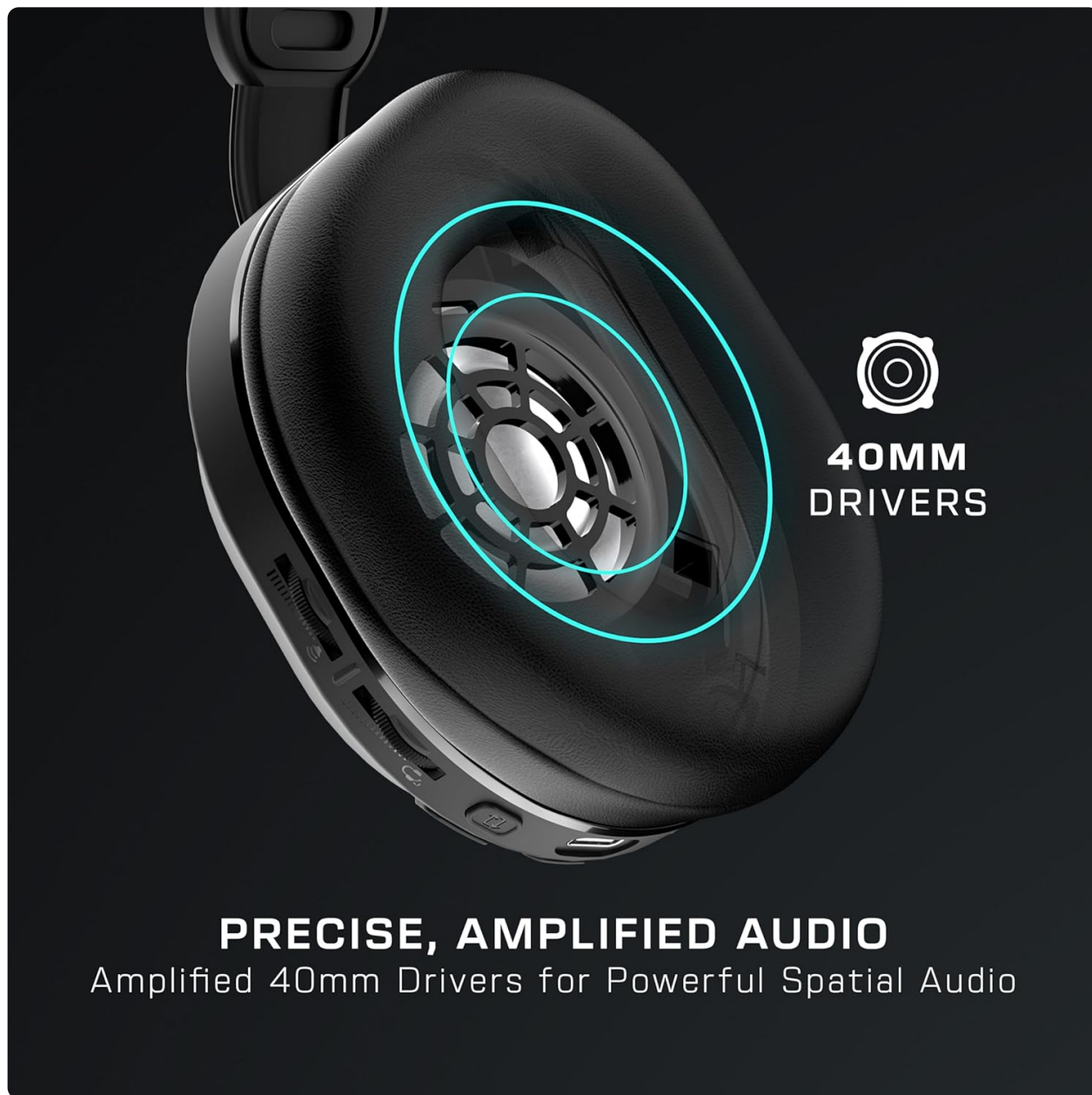

Figure 6.1: Best-in-class battery life of up to 40 hours.

6.2 Cleaning and Care

To maintain the headset's condition, regularly wipe down the ear cushions and headband with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials. Store the headset in a cool, dry place when not in use.

7. TROUBLESHOOTING

7.1 Connectivity Issues

- Ensure the USB Wireless Transmitter is securely plugged into your device and set to the correct mode (Xbox/USB).
- Verify the headset is powered on and fully charged.

- For Bluetooth, ensure your device's Bluetooth is enabled and the headset is in pairing mode.
- Try restarting both the headset and your gaming console/PC.

7.2 Audio Problems

- Check the volume levels on both the headset and your connected device.
- Ensure the headset is selected as the default audio output device in your system settings.
- Update headset firmware via the Swarm™ II app.

7.3 Microphone Not Working

- Ensure the microphone is flipped down and not muted.
- Check microphone input settings on your connected device.
- Adjust mic monitoring levels in the Swarm™ II app.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Connectivity	Wireless, Bluetooth® 5.2
Drivers	40mm Dynamic Drivers
Frequency Response	20Hz - 20kHz
Ear-cushion Material	Plush Leatherette, Memory Foam
Microphone	Omni-Directional, Flip-to-Mute
Battery	Rechargeable Lithium Polymer (Up to 40 hours)
Item Weight	233 Grams (8.2 ounces)
Product Dimensions	8.46 x 7.09 x 3.54 inches
Model Number	TBS-2103-05
UPC	731855021048

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Turtle Beach website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

Online Support: www.turtlebeach.com