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Turtle Beach TBS-2290-01

Turtle Beach Ear Force XP510 Premium Wireless Gaming Headset User Manual

Brand: Turtle Beach | Model: TBS-2290-01

1. Introduction

The Turtle Beach Ear Force XP510 is a premium wireless gaming headset designed for immersive audio experiences across multiple platforms, including PlayStation 4, PlayStation 3, and Xbox 360. It features interference-free Dual-Band Wi-Fi Wireless technology and Dual-Stage Audio Processing for clear Dolby Digital Surround Sound. This headset also supports Bluetooth connectivity, allowing users to stream music or take phone calls during gaming sessions. With a built-in rechargeable battery providing up to 15 hours of continuous play, the XP510 ensures extended gaming comfort and performance.

Image: The Turtle Beach Ear Force XP510 headset displayed with its wireless transmitter base station.

2. Package Contents

Upon unboxing your Turtle Beach Ear Force XP510, verify that all the following components are included:

- Turtle Beach Ear Force XP510 Headset
- Wireless Transmitter
- Mobile Cable
- Headset Charging Cable (USB)
- USB Data Cable for Loading Presets
- Transmitter USB Power Cable
- Optical Cable
- Microphone
- XBA for Wireless Chat on Xbox 360 (Xbox 360 Audio Adapter)
- Xbox 360 Talkback Cable

Image: Packaging dimensions for the Turtle Beach Ear Force XP510 headset.

3. Setup Guide

This section provides detailed instructions for setting up your Turtle Beach Ear Force XP510 headset with various gaming consoles and mobile devices. For visual guidance, please refer to the official setup video below.

Your browser does not support the video tag.

Video: Official setup guide for Turtle Beach Ear Force XP510/PX51 headsets, demonstrating unboxing, console setup (Xbox 360, PS3), mobile setup, and headset pairing.

3.1. Transmitter Connections

1. Connect the optical cable from your console (Xbox 360, PS3, PS4) to the**DIGITAL IN** port on the wireless transmitter.
2. Connect the transmitter's USB power cable to a USB port on your console or a USB wall adapter.

3.2. Xbox 360 Setup

1. Connect the XBA (Xbox 360 Audio Adapter) to your Xbox 360 controller.
2. Connect the Xbox 360 Talkback Cable from the XBA to the headset's chat port.
3. **Pairing the XBA:** Press and hold the button on the XBA until its light flashes.
4. **Headset Pairing:** Ensure Bluetooth is turned off on the headset. Press and hold the power button on the headset until it says "pairing headset". The headset and transmitter should automatically pair.
5. **Configure Xbox 360 System Settings:**
    - Navigate to **Settings** > **System Settings** > **Console Settings** > **Audio** > **Digital Output**.
    - Select **Dolby Digital 5.1**.
    - Go to **Settings** > **Preferences** > **Voice**.

- Set **Voice Output** to **Play Through Headset**. Adjust Voice Volume and Game Volume as desired.

3.3. PlayStation 3 Setup

1. **Bluetooth Pairing:** Ensure Bluetooth is turned off on the headset. Press and hold the Bluetooth button on the headset until the light flashes.
2. **Configure PlayStation 3 System Settings:**
    - Navigate to **Settings** > **Accessory Settings** > **Manage Bluetooth Devices**.
    - Select **Register New Device** and follow the on-screen prompts.
    - When prompted for a Pass Key, enter **0000**.
    - Once paired, go to **Audio Device Settings**.
    - Set **Input Device** and **Output Device** to **Turtle Beach PX51** (or similar XP510 designation). Adjust Microphone Level as needed.
    - Go to **Sound Settings** > **Audio Output Settings**.
    - Select **Optical Digital** and ensure **Dolby Digital 5.1 Ch.** is checked.
    - Ensure **Audio Multi-Output** is set to **On** if you want sound from both headset and TV.

3.4. Charging the Headset

The headset features a built-in rechargeable battery. To charge, connect the headset charging cable to the headset and a USB power source (e.g., console USB port, USB wall adapter). You can continue to use the headset while it charges.

3.5. Mobile Setup (Bluetooth)

1. Ensure your mobile device's Bluetooth is discoverable.
2. Press and hold the Bluetooth button on the headset until the light flashes.
3. On your mobile device, select your headset (e.g., Turtle Beach XP510) from the list of connectable Bluetooth devices.
4. If prompted, enter **0000** as the password.
5. The microphone can be disconnected or left attached for calls.

3.6. Mobile Setup (Wired)

For a wired connection to a mobile device, disconnect the microphone from the headset. Connect the mobile cable to the headset and then to your mobile device's audio jack. This allows for audio playback without the need for the transmitter or Bluetooth.

4. Operating Instructions

Once set up, the XP510 offers various controls for an optimized audio experience:

- **Power Button:** Turns the headset on/off. Also used for pairing.
- **Game Volume:** Adjusts the overall game audio level.
- **Chat Volume:** Controls the volume of incoming chat audio.
- **Dynamic Chat Boost:** Automatically increases chat volume as game volume gets louder, ensuring clear communication.
- **Presets:** Cycle through various audio presets for different game types or media (e.g., game, movie, music).

- **Bluetooth Button:** Used for connecting to Bluetooth devices like phones or tablets.
- **Microphone:** Detachable boom microphone for clear voice communication.

5. Maintenance

To ensure the longevity and optimal performance of your Turtle Beach Ear Force XP510 headset, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the headset and transmitter. Avoid abrasive cleaners or solvents.
- **Battery Care:** The built-in rechargeable battery provides up to 15 hours of play. For best battery life, avoid fully discharging the battery frequently. Charge the headset regularly.
- **Storage:** Store the headset in a cool, dry place away from direct sunlight and extreme temperatures.
- **Microphone:** Handle the detachable microphone gently. Disconnect it when not in use or when using the headset for mobile audio only.

6. Troubleshooting

If you encounter issues with your headset, refer to the following common troubleshooting steps:

- **No Audio:**
  - Ensure all cables (optical, USB power) are securely connected to the transmitter and console.
  - Verify that the headset is powered on and paired with the transmitter.
  - Check console audio output settings to ensure Dolby Digital 5.1 is selected (for surround sound).
  - Adjust game and chat volume controls on the headset.
- **No Chat Audio:**
  - For Xbox 360, ensure the XBA is correctly connected to the controller and headset, and that the XBA is paired.
  - For PlayStation 3, ensure the headset is correctly registered as the input/output device in Audio Device Settings.
  - Check microphone mute status on the headset.
  - Adjust microphone level in console settings.
- **Pairing Issues:**
  - Ensure the headset's Bluetooth is off before attempting to pair with the transmitter.
  - Turn off both the headset and transmitter, then turn them back on and attempt pairing again.
  - For Bluetooth pairing with mobile devices, ensure the headset is in pairing mode (flashing light) and your mobile device's Bluetooth is discoverable.
- **Battery Not Charging:**
  - Verify the charging cable is securely connected to both the headset and a working USB power source.
  - Try a different USB port or charging cable.

7. Specifications

Feature	Detail

Connectivity Technology	Wireless
Wireless Communication Technology	Bluetooth, Wi-Fi
Compatible Devices	PS4, PS3, Xbox 360
Control Type	Media Control
Special Features	Rechargeable Battery, Surround Sound, Dual-Band Wi-Fi, Dual-Stage Audio Processing, Dynamic Chat Boost
Battery Life	Up to 15 Hours
Bluetooth Range	10 Meters
Bluetooth Version	4.2
Item Weight	8.1 ounces (230 Grams)
Product Dimensions	11.9 x 9.9 x 5.4 inches
Material	Plastic
Model Number	TBS-2290-01
Manufacturer	Turtle Beach
Release Date	March 5, 2013

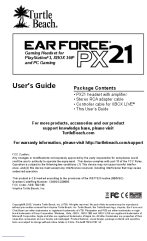
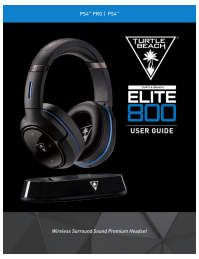
8. Warranty and Support

The Turtle Beach Ear Force XP510 headset is covered by a manufacturer's warranty. For specific warranty details, including duration and coverage, please refer to the warranty information provided in your product packaging or visit the official Turtle Beach website.

For technical support, troubleshooting assistance beyond this manual, or to inquire about replacement parts, please contact Turtle Beach customer support directly. You can typically find support contact information on the official Turtle Beach website or within your product's documentation.

Official Website: www.turtlebeach.com

Related Documents - TBS-2290-01

	[Turtle Beach Ear Force PX21 Gaming Headset User Guide] Comprehensive user guide for the Turtle Beach Ear Force PX21 gaming headset, covering setup for PlayStation 3, Xbox 360, and PC, as well as audio configuration and features.
	[Turtle Beach Ear Force PX51 Wireless Gaming Headset User Guide] Comprehensive user guide for the Turtle Beach Ear Force PX51 wireless gaming headset, covering setup, features, PS3, Xbox 360, and mobile device compatibility, audio settings, presets, and warranty information.
	[Turtle Beach DP11 User Guide: Enhance Your Gaming Audio] Comprehensive user guide for the Turtle Beach DP11 headset system, featuring the P11 headset and DSS2 surround sound processor. Learn setup, features, and troubleshooting for immersive gaming audio.
	[Turtle Beach Stealth™ Pro Wireless Headset for Xbox: Setup and User Guide] Get started with your Turtle Beach Stealth™ Pro Wireless Headset for Xbox. This guide covers setup for Xbox and PC, Bluetooth pairing, headset controls, microphone features, charging, LED indicators, and customizable functions. Learn how to optimize your gaming audio experience.
	[Turtle Beach Elite 800 Wireless Surround Sound Gaming Headset User Guide] Comprehensive user guide for the Turtle Beach Elite 800 wireless gaming headset, covering setup, features, operation, troubleshooting, and warranty information for PS4, PS3, Xbox One, and PC.
	[Turtle Beach Ear Force DXL1 User Guide] User guide for the Turtle Beach Ear Force DXL1 headset and DSS2 Surround Sound Processor, detailing setup, features, and troubleshooting for Xbox 360 gaming.