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EKSA E5000 BT

EKSA E5000 BT Wireless Gaming Headset User Manual

Model: E5000 BT



1. INTRODUCTION

This manual provides detailed instructions for the EKSA E5000 BT Wireless Gaming Headset. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and user experience. Please read this manual thoroughly before using the headset.

Image 1.1: The EKSA E5000 BT Wireless Gaming Headset, showcasing its design and included USB dongle.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- EKSA E5000 BT Wireless Gaming Headset
- Detachable Noise-Canceling Microphone
- 2.4GHz USB-A Wireless Transmitter
- USB-C to USB-A Adapter (integrated with 2.4GHz transmitter)
- 3.5mm Audio Cable
- USB Charging Cable (Type-C)
- User Manual
- Carrying Pouch (if included with your specific model variant)

3. PRODUCT OVERVIEW AND CONTROLS

Familiarize yourself with the headset's components and controls.

VIBRANT RGB LIGHTING

Initially featuring a breathing color mode that cycles through red, purple, blue, and green, it can also be adjusted to static colors: red, purple, blue, and green. This allows for a customized experience, adding a touch of style and fun to your listening.



Image 3.1: Overview of headset controls including volume wheel, microphone mute, power/light switch, Type-C interface, and microphone interface.

- **Volume Wheel:** Adjusts audio output level.
- **Microphone Mute Button:** Toggles microphone on/off.
- **Power/Light Switching Button:** Powers the headset on/off, controls RGB lighting modes, and manages play/pause functions in Bluetooth mode.
- **Type-C Interface:** Used for charging and 2.4GHz wireless connection (when the transmitter is plugged in).
- **Microphone Interface:** Port for connecting the detachable microphone.

4. SETUP AND CONNECTION MODES

The EKSA E5000 BT headset supports three connection modes: 2.4GHz Wireless, Bluetooth 5.3, and 3.5mm Wired.

DUAL CHAMBER DRIVERS

Design for Separation and Tuned Output of Bass and Other Frequencies.
Reducing Distortion Significantly and Enhances Sound Clarity and
Immersion, upgraded Audio Experience.

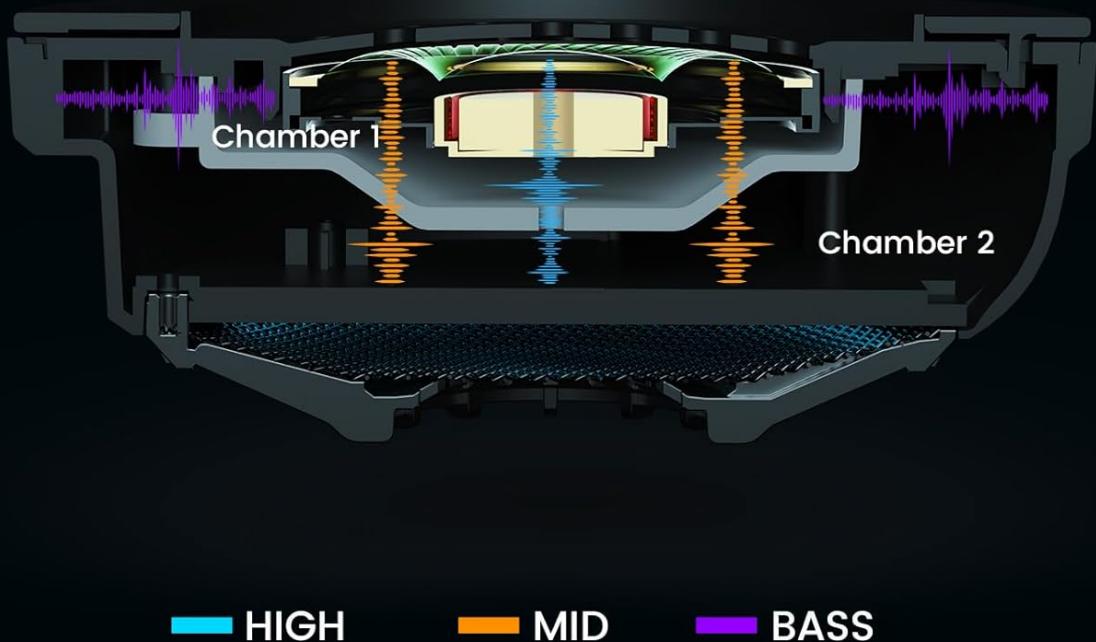


Image 4.1: Visual representation of the three available connection modes and their compatible devices.

4.1. 2.4GHz Wireless Connection

This mode provides a low-latency, lossless wireless connection for PC, PS5, PS4, Mac, and Nintendo Switch (docked mode).

1. Plug the 2.4GHz USB-A wireless transmitter into an available USB port on your device (PC, PS5, PS4, Mac, Switch dock).
2. If your device only has a USB-C port, use the integrated USB-C adapter on the transmitter.
3. Power on the headset by pressing and holding the Power button until the indicator light illuminates.
4. The headset will automatically pair with the transmitter. The indicator light will turn solid blue when connected.
5. Ensure the headset is selected as the audio output and input device in your system settings.

Note: The wireless transmitter chip is located inside the Type-C port of the dongle. The dongle must be plugged into a USB or Type-C port for the 2.4GHz connection to function.

3 CONNECTION MODES



Image 4.2: The 2.4GHz wireless transmitter and its connection to the headset, highlighting stable, ultra-low latency technology.

4.2. Bluetooth 5.3 Connection

Connect wirelessly to Bluetooth-enabled devices such as PCs, laptops, mobile phones, and Nintendo Switch (undocked).

1. Power on the headset.
2. Press and hold the Power/Light Switching button for approximately 5 seconds until the indicator light flashes blue and red, indicating pairing mode.
3. On your device, go to Bluetooth settings and search for "EKSA E5000 BT".
4. Select the headset to pair. The indicator light will turn solid blue upon successful connection.

4.3. 3.5mm Wired Connection

Use the 3.5mm audio cable for universal compatibility with devices like PC, laptops, mobile devices, Nintendo Switch, PS4, PS5, and Xbox Series X/S.

1. Connect one end of the 3.5mm audio cable to the headset's 3.5mm jack.
2. Connect the other end to the 3.5mm audio port on your device.

3. The headset will operate in passive wired mode. Power is not required for basic audio.

Note: The Xbox Series consoles only support 3.5mm wired connections for this headset. RGB lighting will not function in wired mode.

Device	Bluetooth			USB Dongle Wireless			Type-C Dongle Wireless			3.5mm Audio Wired		
	Headphone	Mic	Mute function	Headphone	Mic	Mute function	Headphone	Mic	Mute function	Headphone	Mic	Mute function
PC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
MAC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
LAPTOP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
NINTENDO SWITCH	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✗
NEW XBOX ONE	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✗
PS4	✗	✗	✗	✓	✓	✓	✗	✗	✗	✓	✓	✗
PS5	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓	✗
MOBILE PHONE	✓	✓	✓	✗	✗	✗	✓	✓	✓	✓	✓	✗

* RGB WON'T WORK IN WIRED MODE.

Image 4.3: Detailed compatibility matrix showing headphone, microphone, and mute function support for various devices across Bluetooth, USB Dongle Wireless, Type-C Dongle Wireless, and 3.5mm Audio Wired connections.

5. AUDIO FEATURES AND SOFTWARE

5.1. 7.1 Surround Sound

The EKSA E5000 BT headset features 7.1 Surround Sound for an immersive audio experience, particularly beneficial for gaming. This feature is enabled through the EKSA SoundBase software.

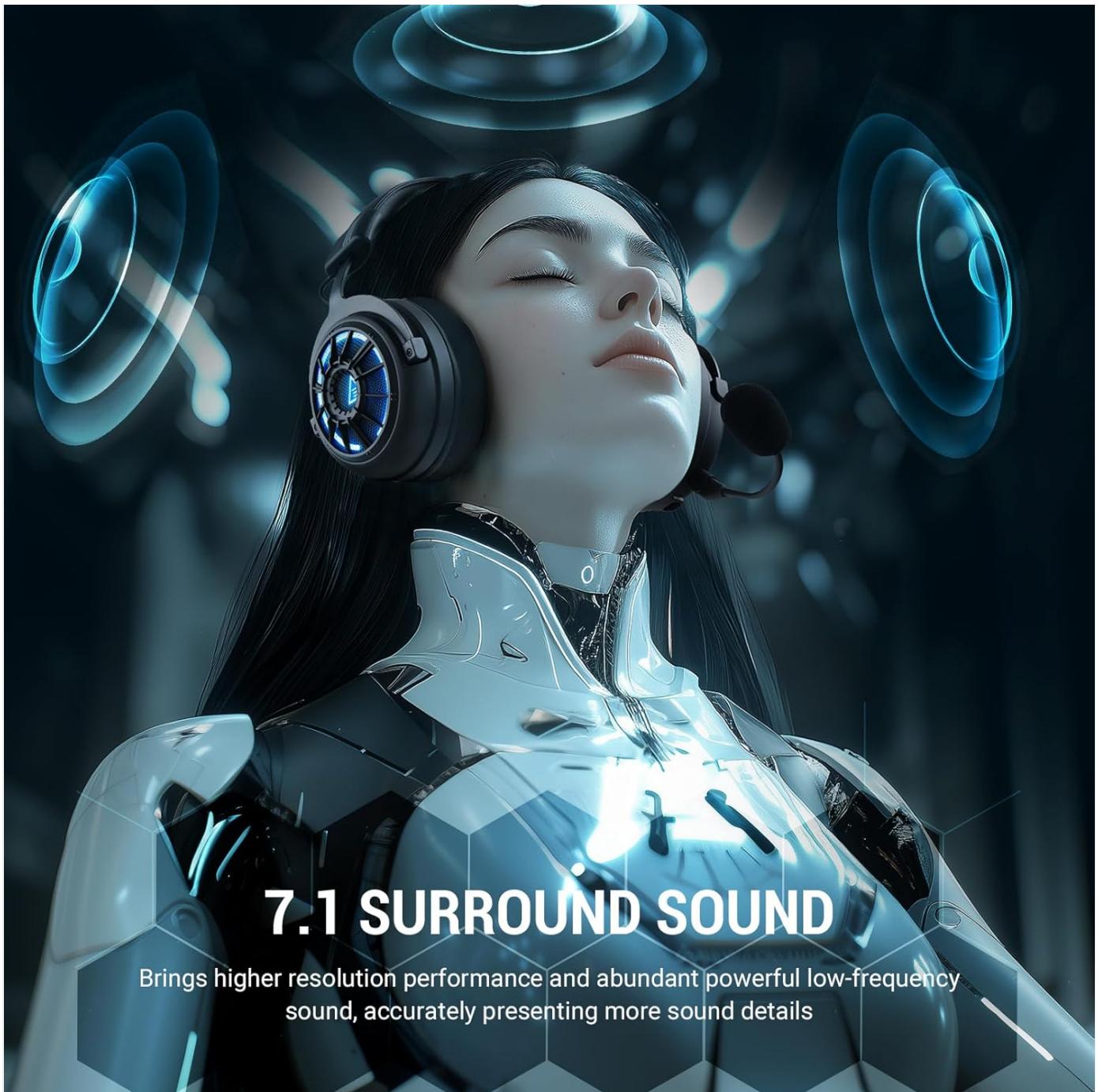


Image 5.1: Visual representation of 7.1 Surround Sound technology enhancing the gaming experience.

- **Driver Download:** To utilize 7.1 surround sound, download the EKSA 7.1 driver from the official EKSA website.
- **Compatibility:** The EKSA 7.1 surround sound driver is compatible only with Windows 10/11 operating systems.
- **Activation:** After installing the driver and ensuring the 2.4GHz transmitter is connected, select the 7.1 surround sound mode within the software.

EKSA SOUNDBASE SOFTWARE

EKSA Proprietary Software Offers a Level of EQ Sound Customization to Meet Different Gaming Needs.

 7.1 Surround Sound (Game)

 Stereo Sound (Music)

 MiC ENC



Image 5.2: The EKSA SoundBase Software interface, offering sound customization options including 7.1 Surround Sound, Stereo Sound, and MiC ENC.

5.2. 50mm Neodymium Drivers

The headset is equipped with powerful 50mm neodymium magnet drivers that deliver clear audio, enhancing the perception of in-game sounds like footsteps and positional audio.



50MM MAGNETIC NEODYMIUM DRIVER

Brings higher resolution performance and abundant powerful low-frequency sound, accurately presenting more sound details

Image 5.3: Detailed view of the 50mm magnetic neodymium driver, illustrating its role in delivering high-resolution audio and powerful low-frequency sound.

5.3. Dual Chamber Design

An innovative dual-chamber design processes low and high-frequency sounds separately. This optimization ensures enhanced bass effects and clear highs, contributing to a richer and more detailed sound experience.



Image 5.4: Cross-section diagram of the dual chamber drivers, showing separate chambers for high, mid, and bass frequencies to reduce distortion and enhance clarity.

5.4. Ultra-Low Latency

The headset features ultra-low latency (less than 30ms) in 2.4GHz wireless mode, ensuring precise synchronization between audio and visual cues for competitive gaming.

6. DETACHABLE NOISE-CANCELING MICROPHONE

The headset includes a high-performance detachable microphone with noise-canceling capabilities.

- **Noise Cancellation:** Effectively filters out background noise, ensuring clear voice communication during gaming or calls.
- **Flexibility:** The microphone can be easily attached or removed as needed for convenience and storage.
- **Usage:** Insert the microphone into the dedicated microphone interface on the headset. Use the microphone mute button on the headset to toggle its active state.

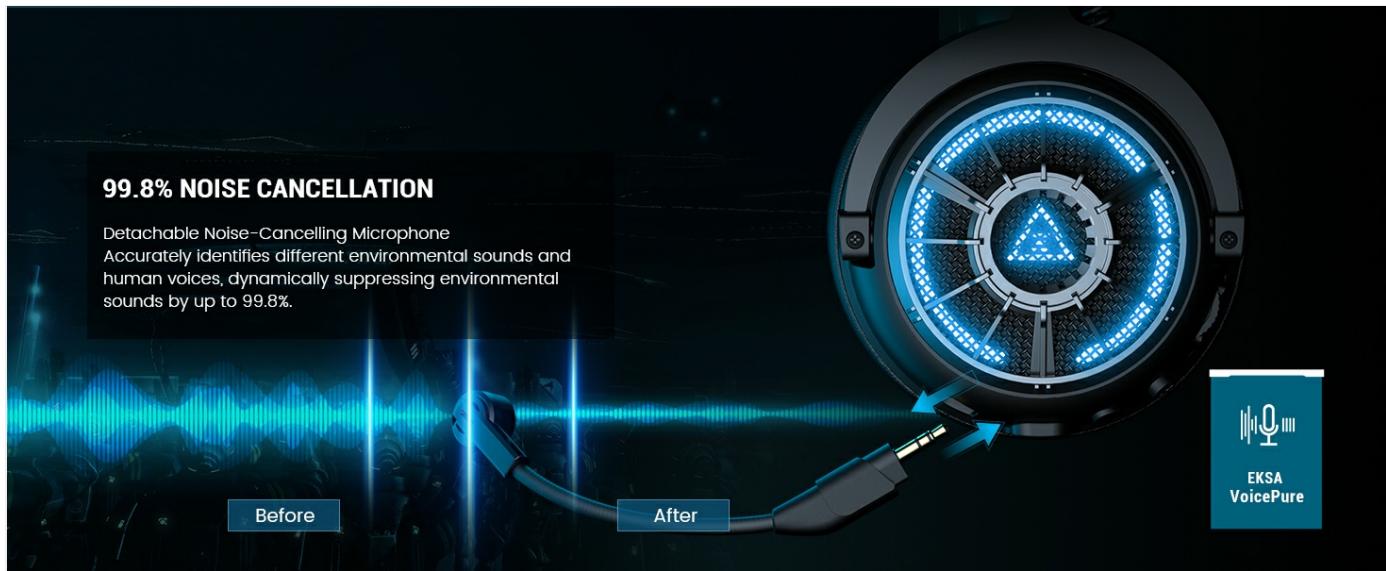


Image 6.1: Illustration of the detachable noise-cancelling microphone, demonstrating its ability to suppress environmental sounds for clear voice pickup.

7. COMFORT AND DESIGN FEATURES

The EKSA E5000 BT headset is designed for extended comfort during long gaming sessions.

- **Ergonomic Design:** Features soft ear pads and an adjustable headband.
- **Glasses-Friendly:** Specially designed ear pads reduce pressure for users wearing glasses.
- **Adjustable Headband:** Easily adjust the headband height for a personalized fit.



Image 7.1: Features contributing to headset comfort, including adjustable height, memory foam earcups, 45-degree rotation, and a glasses-friendly design.

7.1. RGB Lighting

The headset features vibrant RGB lighting on the earcups.

- **Modes:** Initially features a breathing color mode that cycles through red, purple, blue, and green.
- **Customization:** Can be adjusted to static colors (red, purple, blue, green) via the Power/Light Switching button.
- **Note:** RGB lighting is not active in 3.5mm wired mode.

STABLE 2.4GHZ WIRELESS TECHNOLOGY

<30ms Ultra-Low Latency, High Sound Quality &
Wired-Levels Data Stability



Image 7.2: The EKSA E5000 BT headset displaying its vibrant RGB lighting in different colors.

8. OPERATING INSTRUCTIONS

8.1. Power On/Off

- **Power On:** Press and hold the Power/Light Switching button for 3 seconds.
- **Power Off:** Press and hold the Power/Light Switching button for 3 seconds.

8.2. Volume Control

- Rotate the **Volume Wheel** up to increase volume.
- Rotate the **Volume Wheel** down to decrease volume.

8.3. Microphone Mute

- Press the **Microphone Mute Button** once to mute the microphone. The indicator light on the microphone will turn red.
- Press the button again to unmute. The indicator light will turn off.

8.4. RGB Light Switching

- Short press the **Power/Light Switching Button** to cycle through RGB lighting modes (breathing, static colors, off).

8.5. Battery and Charging

The headset has a built-in rechargeable battery.

- **Charging Time:** Approximately 2.5 hours for a full charge.
- **Battery Life:** Up to 100 hours (Bluetooth, lights off) / 45 hours (Bluetooth, lights on); 80 hours (2.4GHz, lights off) / 25 hours (2.4GHz, lights on).
- **Charging:** Connect the USB charging cable to the headset's Type-C port and a power source (e.g., computer USB port, USB wall adapter). The indicator light will show charging status.



Image 8.1: Battery life specifications for 2.4GHz wireless and Bluetooth modes, with and without RGB lighting, and charging time.

9. MAINTENANCE

Proper maintenance ensures the longevity and performance of your headset.

- **Cleaning:** Use a soft, dry cloth to clean the headset. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the headset in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided carrying pouch for protection during travel or storage.
- **Cable Care:** Avoid sharply bending or twisting cables to prevent damage.
- **Water Resistance:** The headset is not water-resistant. Avoid exposure to liquids.

10. TROUBLESHOOTING

If you encounter issues with your headset, refer to the following common solutions.

Problem	Possible Cause	Solution
No sound from headset	<ul style="list-style-type: none"> ◦ Headset not powered on. ◦ Incorrect audio output device selected. ◦ Volume too low. ◦ Not paired (wireless modes). ◦ Cable not fully inserted (wired mode). 	<ul style="list-style-type: none"> ◦ Ensure headset is powered on. ◦ Check system audio settings and select "EKSA E5000 BT". ◦ Increase volume using the volume wheel. ◦ Re-pair the headset (see Section 4). ◦ Ensure 3.5mm cable is securely connected.
Microphone not working	<ul style="list-style-type: none"> ◦ Microphone muted. ◦ Incorrect audio input device selected. ◦ Microphone not fully inserted. 	<ul style="list-style-type: none"> ◦ Press the Microphone Mute Button to unmute. ◦ Check system audio settings and select "EKSA E5000 BT Microphone". ◦ Ensure the detachable microphone is securely inserted into its port.
2.4GHz wireless connection unstable/not connecting	<ul style="list-style-type: none"> ◦ Transmitter not properly inserted. ◦ Interference from other wireless devices. 	<ul style="list-style-type: none"> ◦ Ensure the 2.4GHz transmitter is fully inserted into a USB/Type-C port. ◦ Try a different USB port. ◦ Move closer to the transmitter or reduce other wireless interference.
Bluetooth pairing issues	<ul style="list-style-type: none"> ◦ Headset not in pairing mode. ◦ Device Bluetooth off. 	<ul style="list-style-type: none"> ◦ Ensure headset is in pairing mode (flashing blue/red light). ◦ Turn on Bluetooth on your device and search again.
7.1 Surround Sound not working	<ul style="list-style-type: none"> ◦ Driver not installed or incorrect. ◦ Not on Windows 10/11. ◦ Not in 2.4GHz wireless mode. 	<ul style="list-style-type: none"> ◦ Download and install the correct EKSA 7.1 driver from the official website. ◦ Ensure your operating system is Windows 10 or 11. ◦ Confirm the headset is connected via 2.4GHz wireless.

For further assistance, please visit the official EKSA support website.

11. SPECIFICATIONS

Feature	Detail
Model Name	E5000 BT
Connectivity Technology	2.4GHz Wireless, Bluetooth 5.3, 3.5mm Wired
Audio Driver Type	Dynamic Driver
Driver Size	50mm Neodymium

Feature	Detail
Frequency Range	20 Hz - 20,000 Hz
Microphone	Detachable, Noise-Canceling
Special Features	7.1 Surround Sound (PC only), Dual Chamber Design, Ultra-Low Latency, RGB Lighting, Adjustable Headband, Memory Foam Earcups
Battery Life (Lights Off)	Bluetooth: 100 hours, 2.4GHz: 80 hours
Battery Life (Lights On)	Bluetooth: 45 hours, 2.4GHz: 25 hours
Charging Time	2.5 hours
Compatible Devices	PC, PS5, PS4, Mac, Switch, Laptops, Desktops, Gaming Consoles, Tablets, Telephones, Smartphones
Weight	2.12 pounds
Color	X-Black Wireless

12. WARRANTY AND SUPPORT

EKSA products are designed for reliability and performance. For information regarding warranty coverage, technical support, or to register your product, please visit the official EKSA website.

[Visit EKSA Official Website](#)



Related Documents - E5000 BT

 <p>EKSA E5000 Pro Gaming Headset User Manual User manual for the EKSA E5000 Pro Gaming Headset, providing setup instructions, features, and compatibility information for various platforms including PC, PlayStation, and Xbox.</p>	
 <p>EKSA Star Engine 3-in-1 Gaming Headset User Manual Comprehensive user manual for the EKSA Star Engine 3-in-1 Gaming Headset, detailing its features, specifications, operation, connectivity, and warranty information. Includes setup guides for PC, Mac, PlayStation, and Xbox.</p>	

 EKSA E900 Pro 2-IN-1 Gaming Headset User Manual	<p><u>EKSA E900 Pro Gaming Headset User Manual - Immersive 7.1 Surround Sound & Multi-Platform Compatibility</u></p> <p>User manual for the EKSA E900 Pro 2-in-1 gaming headset. Features include immersive 7.1 surround sound, wide compatibility with PC, consoles, and mobile devices, and a detachable microphone. Find setup and operation guides.</p>
 EKSA E900 Pro 7.1 Surround Sound User Manual	<p><u>EKSA E900 Pro Gaming Headset User Manual</u></p> <p>User manual guide for the EKSA E900 Pro Gaming Headset, detailing features like Environmental Noise Cancellation and 7.1 Surround Sound, multi-platform compatibility, and setup instructions for various devices.</p>
 EKSA E1000 WT User Manual	<p><u>EKSA E1000 WT Wireless Gaming Headset User Manual</u></p> <p>Comprehensive user manual for the EKSA E1000 WT Wireless Gaming Headset, detailing features, specifications, operation, and troubleshooting.</p>
 EKSA E1000 User Manual Guide EN	<p><u>EKSA E1000 Gaming Headset User Manual Guide</u></p> <p>Comprehensive user manual for the EKSA E1000 gaming headset, detailing features, specifications, setup instructions for PC, Mac, and PlayStation, troubleshooting, and warranty information.</p>

Documents - EKSA – E5000 BT

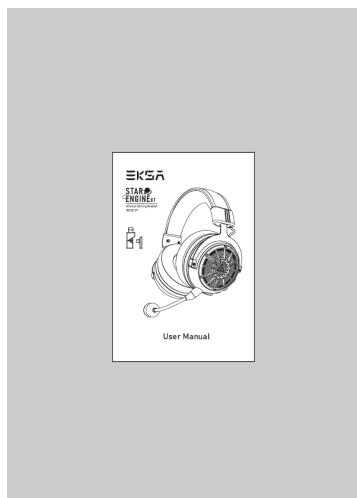


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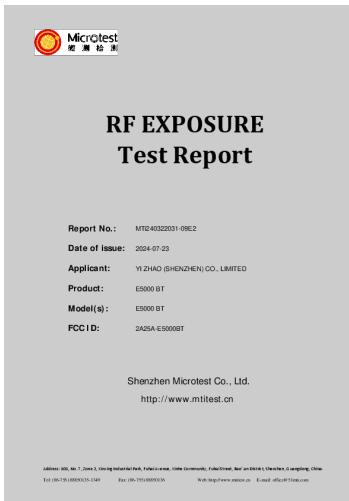


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STAR ENGINEBT Wireless Gaming Headset **E5000 BT** User Manual Language Guide English 1 Deutsch 13 Franais 25 37 49 Portugus 61 EN Package Contents 1* EKSA StarEngine BT Headset 1* EKSA USB-A and TypeC Adapter 1* Pluggable Microphone STAR ENGINEBT Wireless Gaming Headset 1* 3....

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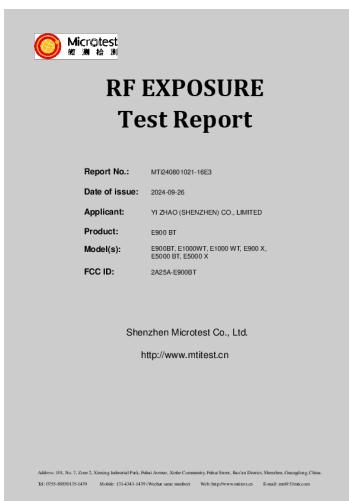


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38 Leo su RF Exposure YI ZHAO SHENZHEN CO LIMITED E5000BT Wireless Gaming Headset 2A25A 2A25AE5000BT e5000bt

RF EXPOSURE Test Report Report No.: MTi240322031-09E2 Date of issue: 2024-07-23 Applicant: YI ZHAO SHENZHEN CO., LIMITED Product: **E5000 BT** Model s : **E5000 BT** FCC ID: 2A25A-E5000BT Shenzhen Microtest Co., Ltd.

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RF EXPOSURE Test Report Report No.: MTi240801021-16E3 Date of issue: 2024-09-26 Applicant: YI ZHAO SHENZHEN CO., LIMITED Product: Model s : FCC ID: E900 BT E900BT, E1000WT, E1000 WT, E900 X, **E5000 BT**, E5000 X 2A25A-E900BT Shenzhen Microtest Co., Ltd. <http://www.mtitest.cn> Address: 101, No...
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Test Report

Report No.: MTi240801021-16E2
Date of issue: 2024-09-26
Applicant: YI ZHAO (SHENZHEN) CO., LIMITED
Product name: E900 BT
Model(s): E900BT, E1000WT, E1000WT, E900 X
FCC ID: 2A25A-E900BT

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Test Report Report No.: MTi240801021-16E2 Date of issue: 2024-09-26 Applicant: YI ZHAO SHENZHEN CO., LIMITED Product name: E900 BT Model s : E900BT, E1000WT, E1000 WT, E900 X, **E5000 BT**, E5000 X FCC ID: 2A25A-E900BT
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Test Report

Report No.: MTi240801021-16E1
Date of issue: 2024-09-26
Applicant: YI ZHAO (SHENZHEN) CO., LIMITED
Product name: E900 BT
Model(s): E900BT, E1000WT, E1000WT, E900 X
FCC ID: 2A25A-E900BT

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