

## EMPIRE GAMING EH20

# EMPIRE GAMING EH20 Wireless Gaming Headset User Manual

Model: EH20 (OE-HE-20RF)

## 1. INTRODUCTION

This manual provides detailed instructions for the EMPIRE GAMING EH20 Wireless Gaming Headset. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. The EH20 headset offers versatile connectivity options and is compatible with PC, Mac, PlayStation 4, PlayStation 5, and Nintendo Switch.



*Image: The EMPIRE GAMING EH20 Wireless Gaming Headset, showcasing its design and branding.*



*Image: A user engaged in gaming while wearing the EMPIRE GAMING EH20 headset, illustrating its intended use.*

## 2. PACKAGE CONTENTS

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Please verify that all items listed below are included in your package:

- EMPIRE GAMING EH20 Wireless Headset
- Detachable Microphone
- USB-C Wireless Receiver (2.4 GHz)
- USB Charging Cable
- 3.5mm Audio Cable
- User Manual (this document)



*Image: The EMPIRE GAMING EH20 headset along with its USB wireless receiver and USB-C adapter, illustrating the primary components.*

### 3. PRODUCT OVERVIEW

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Familiarize yourself with the various components and controls of your EH20 headset.

#### 3.1. Headset Controls

## Intuitive commands

*Commandes intuitives*



*Image: Close-up of the EH20 headset's earcups, highlighting the intuitive control buttons for power, volume, and mode selection.*

- **Power Button:** Press and hold to power on/off.
- **Volume Wheel:** Adjusts audio output level.
- **Microphone Mute Button:** Toggles microphone on/off.
- **Mode Switch (BT/2.4G):** Selects between Bluetooth and 2.4 GHz wireless modes.
- **7.1 Surround Sound Button:** Activates/deactivates 7.1 virtual surround sound.

### 3.2. Detachable Microphone



*Image: Illustration of the EH20 headset's detachable and flexible microphone, showing how it connects to the earcup.*

The EH20 features a flexible, detachable microphone

for clear communication. It can be easily attached or removed based on your usage needs.

## 4. SETUP AND CONNECTIVITY

The EH20 headset offers three connectivity options: 2.4 GHz Wireless, Bluetooth, and Wired (3.5mm).



*Image: Visual representation of the EH20 headset's triple-mode connectivity: WiFi (2.4 GHz), Bluetooth, and Wired.*

### 4.1. 2.4 GHz Wireless Connection (PC, PS4, PS5, Switch via Dock)

1. Insert the USB-C wireless receiver into an available USB port on your device (PC, PS4, PS5, or Nintendo Switch dock).
2. Power on the EH20 headset by pressing and holding the Power button.
3. Ensure the mode switch on the headset is set to "2.4G". The headset should automatically pair with the receiver.
4. On your device, select "EMPIRE GAMING EH20" as the audio output and input device.

### 4.2. Bluetooth Connection (PC, Mac, Mobile Devices)

1. Power on the EH20 headset.
2. Set the mode switch on the headset to "BT". The headset will enter pairing mode, indicated by a flashing LED.
3. On your device (PC, Mac, or mobile), navigate to Bluetooth settings and search for available devices.
4. Select "EMPIRE GAMING EH20" from the list to pair.

### 4.3. Wired Connection (PC, PS4, PS5, Switch, Mobile Devices)

1. Connect one end of the 3.5mm audio cable to the headset's 3.5mm jack.
2. Connect the other end of the 3.5mm audio cable to the audio output jack of your device.
3. The headset will operate in wired mode. Note that some headset functions (e.g., RGB lighting, 7.1 surround sound) may be limited or unavailable in wired mode.



## Compatible...



*Image: A visual guide showing the EH20 headset's compatibility across multiple platforms including PS4, PS5, Nintendo Switch, PC, and Mac.*

## 5. OPERATING INSTRUCTIONS

### 5.1. Power On/Off

Press and hold the Power button on the headset for approximately 3 seconds to turn it on or off.

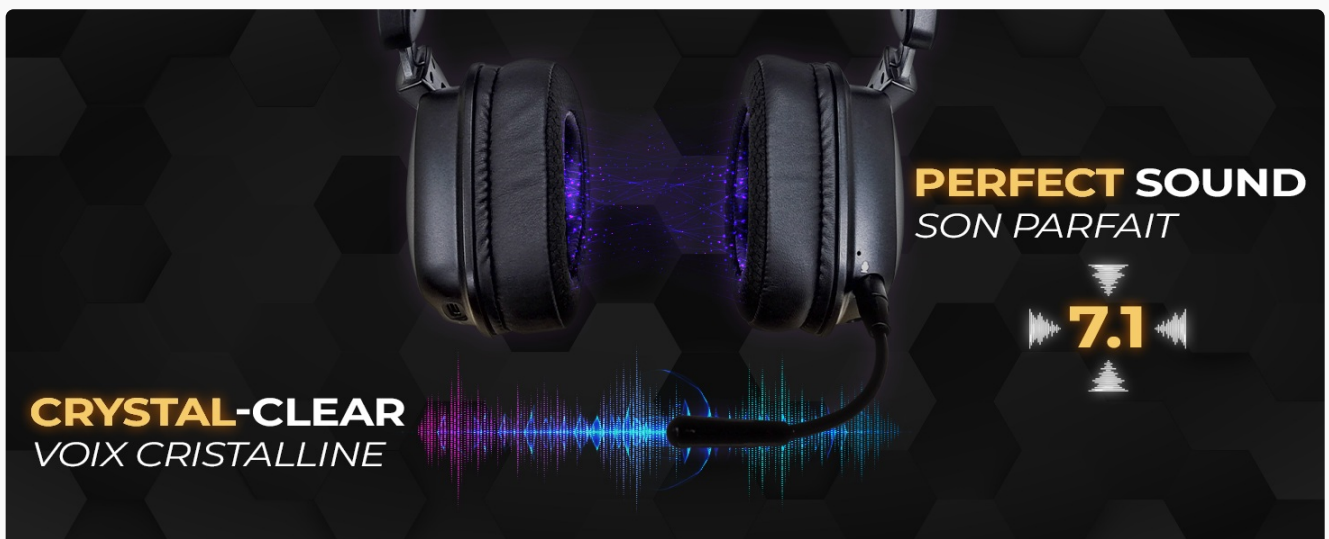
### 5.2. Volume Adjustment

Rotate the Volume wheel on the earcup upwards to increase volume and downwards to decrease volume.

### 5.3. Microphone Usage

Attach the detachable microphone to the designated port on the headset. Press the Microphone Mute button to toggle the microphone on (unmuted) or off (muted). A red LED indicator on the microphone or headset may indicate mute status.

### 5.4. 7.1 Virtual Surround Sound



*Image: The EH20 headset with a graphic illustrating the immersive 7.1 virtual surround sound experience and crystal-clear voice.*

Press the 7.1 Surround Sound button to activate or deactivate the virtual 7.1 surround sound feature. This feature enhances spatial audio awareness, particularly beneficial for gaming.

### 5.5. Dynamic RGB Lighting



*Image: Close-up of the EH20 headset's earcup displaying its dynamic RGB lighting effects with multiple color options.*

The headset features dynamic RGB lighting. Specific controls for changing RGB modes or turning them off may be available via a dedicated button or software (if applicable). Refer to the product's official website for any available software.

## 6. CHARGING AND BATTERY

The EH20 headset is equipped with a rechargeable Lithium-polymer battery.

- **Charging:** Connect the USB charging cable to the headset's charging port and the other end to a USB power source (e.g., computer USB port, USB wall adapter). The LED indicator will show charging status.
- **Battery Life:** A full charge provides approximately 30 hours of usage, depending on volume levels and RGB lighting usage.

# Adjustable and cozy

## *Ajustable et confortable*



Image: The EH20 headset highlighting its impressive 30-hour battery life for extended gaming sessions.

## 7. MAINTENANCE

To ensure the longevity and optimal performance of your headset, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the headset. For earcups, a slightly damp cloth can be used, but avoid excessive moisture. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the headset in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the headset or subjecting it to strong impacts. Do not twist or pull the cables excessively.

### 7.1. Comfortable Design





*Image: A cutaway view of the EH20 headset's earcup, revealing the comfortable memory foam padding designed for extended wear.*

## 7.2. Adjustable Fit



*Image: The adjustable headband mechanism of the EH20 headset, showing its flexibility for a personalized fit.*

## 8. TROUBLESHOOTING

If you encounter issues with your EH20 headset, refer to the following common solutions:

- **No Sound:**
  - Ensure the headset is powered on and charged.
  - Check the volume level on both the headset and your connected device.
  - Verify the correct audio output device is selected on your computer or console.

- For wireless connections, ensure the receiver is properly inserted and the headset is in the correct mode (2.4G or BT).
- For wired connections, ensure the 3.5mm cable is fully inserted into both the headset and the device.
- **Microphone Not Working:**
  - Ensure the microphone is securely attached and not muted (check the mute button and any LED indicators).
  - Verify the correct audio input device is selected on your computer or console.
  - Test the microphone on another device if possible.
- **Connection Issues (Wireless):**
  - Ensure the headset and receiver/device are within range.
  - Try re-pairing the headset (for Bluetooth) or re-inserting the 2.4 GHz receiver.
  - Avoid interference from other wireless devices operating on similar frequencies.
- **RGB Lights Not Working:**
  - Ensure the headset has sufficient battery charge.
  - RGB functionality may be limited or unavailable in wired mode.

## 9. SPECIFICATIONS

Model Name	EH20
Model Number	OE-HE-20RF
Connectivity Technology	2.4 GHz Wireless, Bluetooth (BT), 3.5mm Wired
Compatible Devices	PC, Mac, PlayStation 4, PlayStation 5, Nintendo Switch
Frequency Range	20 Hz - 20,000 Hz
Impedance	20 ohms
Microphone	Detachable
Sound Features	7.1 Virtual Surround Sound, Passive Noise Reduction
Battery Type	Lithium-polymer (Rechargeable)
Battery Life	Approximately 30 hours
Material	Metal, Plastic
Color	Black






## 10. WARRANTY AND SUPPORT


The EMPIRE GAMING EH20 Wireless Gaming Headset comes with a **2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For warranty claims, technical support, or further assistance, please contact EMPIRE GAMING customer service through their official website or the retailer where the product was purchased. Please retain your proof of purchase for warranty validation.

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## Related Documents - EH20

 <p><b>EH20</b></p> <p>User manual - Manuel utilisateur - Benutzerhandbuch Manual de usuario - Manuale utente Gebruiksaanwijzing - Användarmanual Instrukcja obsługi - Kullannusohje</p>	<p><a href="#">Empire Gaming EH20 Wireless Headset User Manual</a></p> <p>User manual for the Empire Gaming EH20 wireless headset, detailing its features, specifications, and connection modes (2.4 GHz WiFi, Bluetooth, wired). Includes troubleshooting and contact information.</p>
 <p><b>H-3</b></p>	<p><a href="#">Empire Gaming H-3 Wired Gaming Headset - Model OE-HE-3</a></p> <p>Official user guide for the Empire Gaming H-3 wired gaming headset. Features include RGB backlighting, an omnidirectional microphone, 3.5mm dual jack connection, and compatibility with PC, Mac, PlayStation, Xbox, and Nintendo Switch.</p>
 <p><b>Armor-RF800</b></p>	<p><a href="#">Empire Gaming Armor-RF800 Wireless Keyboard and Mouse Combo User Manual</a></p> <p>Comprehensive user manual for the Empire Gaming Armor-RF800 wireless gaming keyboard and mouse combo (Model OE-KMRF-158). Discover setup instructions, detailed specifications, multimedia and system shortcuts, and troubleshooting tips for optimal performance on PC, Mac, Xbox, and PlayStation consoles.</p>
 <p><b>K300</b></p> <p>User manual - Manuel utilisateur - Benutzerhandbuch Manual de usuario - Manuale utente</p>	<p><a href="#">Empire Gaming K300 Keyboard User Manual</a></p> <p>User manual for the Empire Gaming K300 keyboard, detailing features such as anti-ghosting, multimedia shortcuts, and backlighting controls across multiple languages.</p>
 <p><b>GUARDIAN S-C100</b></p> <p>User manual - Manuel utilisateur - Benutzerhandbuch Manual de usuario - Manuale utente Gebruiksaanwijzing - Användarmanual Instrukcja obsługi - Kullannusohje</p>	<p><a href="#">Empire Gaming GUARDIAN S-C100 Laptop Cooler User Manual</a></p> <p>Official user manual for the Empire Gaming GUARDIAN S-C100 laptop cooler. Learn how to use its features including multi-angle adjustment, RGB lighting, speed control, and non-slip pads. Find support contact information and model details.</p>



PRODUCT MANUAL  
MANUAL PRODUKT  
PRODUKT-HANDBUCH  
MANUAL DEL PRODUCTO  
MANUALE DEL PRODOTTO  
PRODUKTHANDBUCH  
BETRIEBSANLEITUNG  
KÜHLKÜSSCHEN

### Empire Gaming Guardian C900 Laptop Cooler - Features, Specifications, and Setup

Comprehensive guide to the Empire Gaming Guardian C900 laptop cooling pad, detailing its features, technical specifications, RGB lighting, adjustable height, dual USB ports, and installation instructions.

Documents - EMPIRE GAMING – EH20



**EH20**

User manual - Manuel utilisateur - Benutzerhandbuch  
Manual do usuário - Manuale utente  
Gebruikershandleiding - Användarmanual  
Instrukcja obsługi - Kullancı kılavuzu

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