

*msi*

# IMMERSE GH50 WIRELESS Info Kit

GNP Product Marketing



THE LEAP TO  
SINGULARITY



**MARKET GROWTH**

PRODUCT OVERVIEW

KEY FEATURES

SPECIFICATIONS & DETAILS

THE LEAP TO SINGULARITY

# GAMING HEADSET MARKET GROWTH



**2.34 Bn**

Market Size in 2022



**3.61 Bn**

Projected Market Size in 2028



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# PRODUCT OVERVIEW – IMMERSE GH50 WIRELESS

-  Ultra-Low Latency 2.4GHz Wireless Connection
-  Bass-enhancing 50mm Neodymium Drivers
-  Crystal Clear Voice Capture
-  Detachable Omnidirectional Microphone
-  Up to 22hrs of Battery Life
-  Foldable Headband
-  Quick Controls – Power on & off / Mute / Volume
-  Nahimic for Headset - Audio Settings & Surround Sound
-  MSI Center
-  Cross Platform Connectivity

PC | MAC | PLAYSTATION | SWITCH | XBOX<sup>1</sup>



## Frequency Response

20 – 20000 Hz

## Long Wireless Range

Up to 15m<sup>2</sup>

## Weight

326g

## Accessories

- Braided 3.5mm Cable
- USB-C Charging Cable
- Wireless USB Transmitter
- Carry Bag

## MSRP

**89.99**

<sup>1</sup> Only available in wired mode with 3.5mm connection.

<sup>2</sup> Wireless range may vary due to environmental and computing conditions.



# PRODUCT STACK



**MSRP**  
**29.99**  
3.5mm, 40mm



**MSRP**  
**34.99**  
3.5mm, 40mm



**MSRP**  
**59.99**  
USB, 40mm



**MSRP**  
**59.99**  
USB, 40mm



**MSRP**  
**69.99**  
USB, 40mm



**MSRP**  
**89.99**  
2.4 GHz & 3.5, 50mm



**MSRP**  
**109.99**  
USB & 3.5, 40mm

# IMMERSE GH50 SERIES COMPARISON



MODEL	IMMERSE GH50	IMMERSE GH50 WIRELESS
WEIGHT	300g	326g
INTERFACE	USB	2.4GHz, 3.5mm
DRIVER UNIT	40mm	50mm
HEADBAND	Foldable	Foldable
MICROPHONE	Adjustable, Detachable	Adjustable, Detachable
MICROPHONE TYPE	Unidirectional	Omnidirectional
SPEAKER FREQUENCY	20 – 20000 Hz	20 – 20000 Hz
MICROPHONE FREQUENCY	100 - 10000Hz	100 - 10,000Hz
CONTROL	Volume +/- / Mic Mute / Vibration Toggle / 7.1	Volume +/- / Mic Mute / Power On/Off
LIGHTING	Yes, RGB	No
BATTERY LIFE		Up to 22 hrs
SURROUND SOUND	Yes, 7.1 (Virtual)	Yes, 7.1 (Virtual)
SOFTWARE	MSI Center	Nahimic for Headset & MSI Center
PLATFORM	PC / MAC / Nintendo Switch	PC / MAC / PS4/5 / Switch / XBOX <sup>1</sup>
MSRP	\$69.99	\$89.99

<sup>1</sup> Only available in wired mode with 3.5mm connection.



# TARGET AUDIENCE

**16 – 34**  
**Years Old**

Gamers who value low latency wireless connectivity besides good audio quality with bass-enhancing sounds, and clear voice communications.

## **Lag Free, Extensive Use**

Those who is looking for a low-latency wireless headset with long distant transmission up to 15m and 22hr battery life

## **Dynamic Audio**

Those who enjoy powerful & bass-heavy output & clear communication w/ omnidirectional mic

## **Versatility & Comfort**

Those who tend to play, listen or communicate on across platforms from PC to consoles, while remaining comfortable





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IMMERSE GH50 WIRELESS

# UNBOUND GAMING



The IMMERSE GH50 WIRELESS is MSI's first wireless gaming headset broadcasting at a low-latency 2.4GHz frequency with extended hours of immersive audio experience, featuring bass-enhancing audio drivers, an omnidirectional microphone, and advanced software applications. Its cross-platform compatibility brings the gameplay from PC to consoles in a foldable and durable lightweight package.



## IMMERSION BEYOND LATENCY

Designed for ultra-low latency, the GH50 WIRELESS ensures you stay one step ahead of the competition. Immerse yourself in the precise sounds of footsteps, explosions, and gunshots, all in real-time, elevating your gaming performance with the advantage of synchronized audio response to complement your every move.

# UNBOUND GAMING: LOW LATENCY



**WIRED**  
5 – 10ms



**2.4 GHz WIRELESS**  
15 – 20ms



**BLUETOOTH WIRELESS**  
48 – 300ms

Lag beyond **40ms**, it becomes more and more distracting to the user.



## DEPTH OF SOUND

Dive into the vivid details in-game with high-quality audio and surround sound\* technology. Powered by the bass-enhancing 50mm drivers reproducing high, mid, and low frequencies, GH50 WIRELESS allows you to enjoy the immersive vibration that brings real-life audio experiences to gaming, movies, and music with precise and accurate positioning from any direction.

\*Available when Nahimic for Headset is installed



## ALL DAY LISTENING

Seize up to 22 hours of battery life for uninterrupted listening, effortlessly transitioning from all-day entertainment to seamless gaming.



22 hrs



## CAPTURE CLEARLY, DETACH EASILY

Maintain clear and crisp voice capture with your teammates, thanks to the high-quality detachable omnidirectional microphone that effortlessly conforms to any head shape. When it is time to unwind and relax to the rhythm of music or the excitement of a movie, simply detach the microphone.



# COMFORT



## LIGHTWEIGHT COMFORT ANYWHERE

At a mere 326g, the GH50 WIRELESS showcases a compact and lightweight design, providing gamers with easy portability via a foldable headband. The comfortable fit is realized through sturdy construction and precise force distribution, while plush padding adds extended comfort to the head and ears, making it ideal for extended gaming sessions.







## TOTAL CONTROL

Take control with the media panel—power up, mute the microphone, and fine-tune volume effortlessly with just a fingertip away. Stay powered up using the USB-C connector for convenient charging.



**Power On/Off**



**Mic Mute**



**Volume Control**



**USB-C Charging**

\*Power button, mic mute/pairing button, and volume control are unavailable when the headset is in wired mode with a 3.5mm connection.



# TOTAL CONTROL

Effortlessly connect with ultra-low latency on 2.4GHz wireless or detachable 3.5mm cable, offering versatile gaming on PC and consoles. Immerse yourself in your favorite games across platforms with unparalleled ease.



PC



MAC



PlayStation



Nintendo Switch



XBOX<sup>1</sup>



<sup>1</sup> Only available in wired mode with 3.5mm connection.

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## ACCESSORY ARRAY

The package comes complete with a range of accessories to enrich your experience, featuring a convenient carry pouch, a 3.5mm cable, a USB-C to A charging cable, a wireless USB transmitter capability, and a USB-A to C converter.





# Nahimic for Headset

Supported by Nahimic for Headset\*, the world-renowned audio software, which provides you with an enhanced gaming experience with its 3D Sound technology.



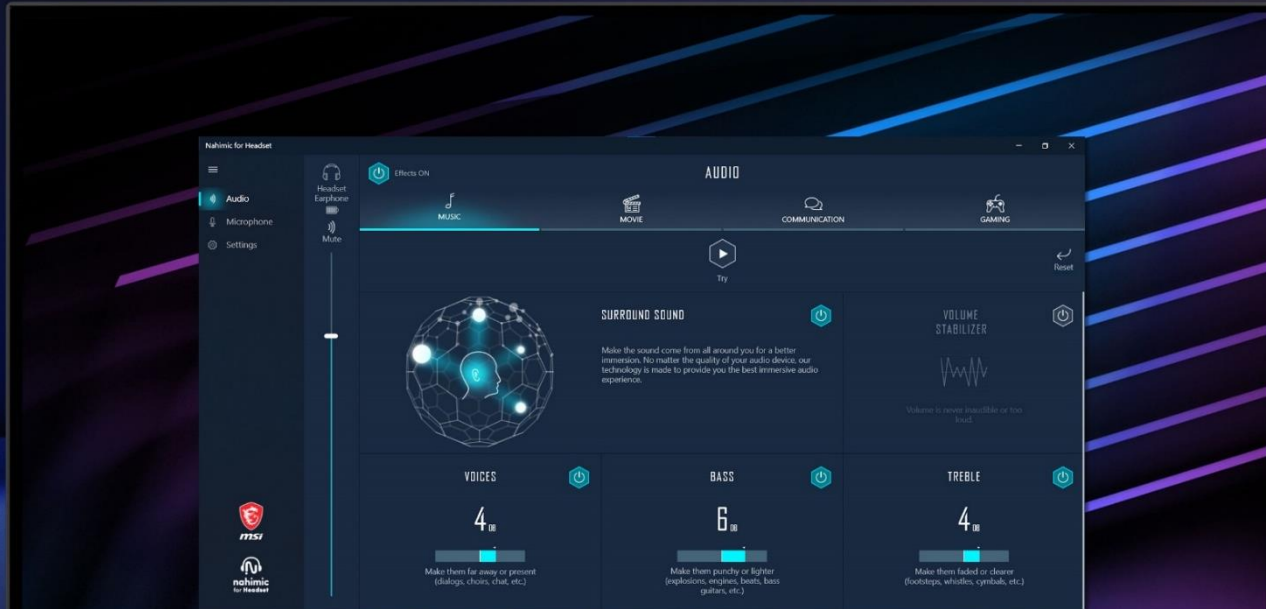
Audio Profiles



EQ Presets



Surround Sound



\*Nahimic OS requirements: Windows 10 (and above)

\*Install Nahimic for Headset to enjoy the best experience with full functionality.

# Software: Nahimic for Headset / MSI Center



## Nahimic for Headset

**Scenario Settings:** Music / Movie / Communication / Gaming

**Sound control:** Bass / Treble Levels / Voices / Volume Stabilizer

**Surround Sound**

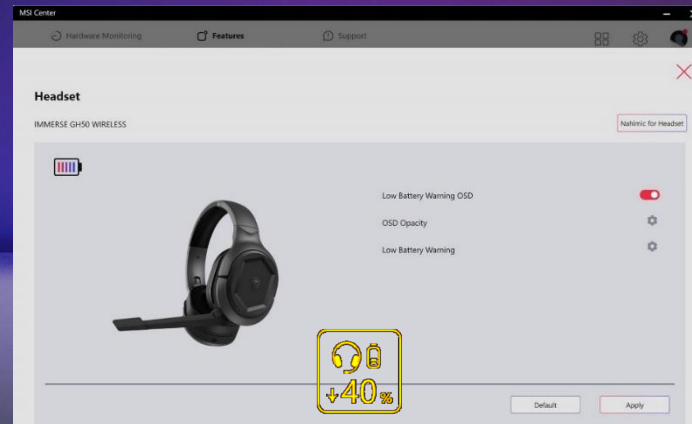
**Static Noise Suppression**

**Battery Life Indicator**

## MSI Center

Battery Life Indicator

Nahimic for Headset Installer





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# IMMERSE GH50 WIRELESS OVERVIEW





# SPECIFICATIONS

<b>MODEL NAME</b>	IMMERSE GH50 WIRELESS
<b>DRIVER UNIT</b>	50mm Neodymium
<b>SPEAKER FREQUENCY RESPONSE</b>	20 - 20,000 Hz
<b>SPEAKER SENSITIVITY (SPL)</b>	109 dB
<b>SPEAKER IMPEDANCE</b>	32 $\Omega$
<b>MICROPHONE FREQUENCY RESPONSE</b>	100 - 10,000 Hz
<b>MICROPHONE SENSITIVITY</b>	-36 dB
<b>MICROPHONE IMPEDANCE</b>	$\leq 2.2$ K $\Omega$
<b>PICK-UP PATTERN</b>	Omnidirectional (Detachable Mic)
<b>BATTERY LIFE</b>	Up to 22 hours
<b>CONNECTOR</b>	USB 2.0 (Wireless: 2.4GHz), USB-A to USB-C Converter Included / 3.5mm (Wired)
<b>CABLE TYPE</b>	Charging Cable (USB-C to USB-A): 1.2m / Audio Cable (3.5mm): 1.3m
<b>OPERATING SYSTEM</b>	Windows 10 (and above)
<b>COMPATIBILITY*</b>	PC, Mac, PlayStation, Nintendo Switch, XBOX <sup>1</sup> <sup>1</sup> Only available in wired mode with 3.5mm connection.
<b>PRODUCT DIMENSIONS</b>	200 x 170 x 80mm

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# Comparison



Brand	MSI	Roccat	HyperX	Steelseries	Corsair	Razer
Model	IMMERSE GH50 WIRELESS	Elo 7.1 Air	Cloud Stinger Core Wireless	ARCTIS 1 WIRELESS	HS55 Wireless Core	Barracuda X 2022
Battery Life	Up to 22 hrs	Up to 24 hrs	Up to 17 hrs	20 hrs	Up to 24 hrs 15mins for 6hrs	Up to 50 hrs
Weight	326g	345g	240g	252.3g	266g	250g
Interface	2.4GHz 3.5mm	2.4G	2.4G	2.4G 3.5mm	2.4G Bluetooth	2.4G Bluetooth 3.5mm
Driver unit	50mm	50mm	40mm	40mm	50mm	40mm
Foldable Headband	Y					
Microphone	Detachable	Detachable	Foldable	Detachable	Foldable	Detachable
Microphone type	Omnidirectional	Unidirectional	Unidirectional	Bi-directional	Omnidirectional Discord Certified	Unidirectional
7.1 Surround	Nahimic	Yes	DTS Headphone: X	Windows Sonic		Yes, Activation code required
Software	MSI Center Nahimic for Headset	ROCCAT SWARM	NGEUNITY	SteelSeries Engine		THX, Extra charge
Platform	PC MAC PS4/5 Switch  XBOX <sup>1</sup>	PC  PS4/5 Switch	PC  PS4/5	PC MAC PS4/PS5 Switch Android Xbox, Stadia, Quest 2	PC  PS4/5 Switch	PC  PS4/5  Mobile: Android & iOS
Accessories	Wireless USB-A Receiver USB-A to USB-C Converter Braided Charging Cable 3.5mm cable Carry Pouch	Wireless USB-A Adapter, Charging Cable	Wireless USB-A Adapter, Charging Cable	Wireless USB-C Receiver Charging Cable 3.5mm audio cable USB-C to USB-A extender	Wireless USB-A Receiver Braided Charging Cable	Wireless USB-C Receiver Charging Cable 3.5mm cable USB-A to USB-C Extender
MSRP	89.99	\$99.99	\$79.99	\$99.00	\$99.00	\$99.99
Retail Price		<u>57.25</u>	<u>59.99</u>	<u>93.73</u>		<u>99.99</u>

<sup>1</sup> Only available in wired mode with 3.5mm connection.



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