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Strix Fusion 500

RGB 7.1 Gaming Headset

Sales Kit

ASUS

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STRIX
Lights up, Game on!
ROG Strix Fusion 500 turns your gaming up a notch, with exclusive headset-to-headset RGB light synchronization technology so your MOBA or esports team can outshine the competition in perfect sync. ROG Strix Fusion 500 features a hi-fi ESS 9018 digital-to-analog converter and a 9601 amplifier for more realistic audio, as well as a 50mm ASUS Essence driver, exclusive airtight chamber technology and 7.1 virtual surround sound. Get ready to shine on the battlefield!
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Feature overview

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ROG Strix Fusion 500

Hear every detail, Get fully immersed

Hear every detail
ESS Hi-Fi 9018 DAC and 9601 amplifier deliver unparalleled hi-fidelity audio



Exclusive airtight chamber
Helps deliver richer and more spacious sound



On-board 7.1 virtual surround
Enjoy tailored-made 7.1 virtual surround whenever you go



Exclusive 50mm ASUS Essence driver
Less distorted audio with punchy bass



Dazzle the battlefield

Dazzle the battlefield
Exclusive headset-to-headset RGB lighting synchronization



ASUS Aura Sync



Gamer-friendly features

Optimized digital microphone
Crystal-clear communication with convenient flip-up mute



Intuitive touch control
Easily adjust volume and other commonly used settings on touch plate



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Dazzle the Battlefield

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Sync up for the fight

Build a unique team vibe at LAN parties or tournaments with exclusive headset-to-headset Aura RGB light synchronization. Simply activate Bluetooth on your mobile and connect your ROG Strix Fusion 500 headset, then sync to other connected headsets with a simple tap on the dedicated app.



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ASUS Aura RGB lighting

Show your style with customizable Aura RGB lighting. Choose from over 16.8 million color combinations and four preset lighting effects

Static

Breathing

Color cycle

Music

Synchronize your gears

ROG Strix Fusion 500 features ASUS Aura Sync technology, allowing you to synchronize lighting effects across Aura-enabled ROG products* to create a unique and captivating gaming atmosphere.



* Requires an ASUS Aura-ready motherboard

Simple steps for headset-to-headset AURA RGB sync



Everyone enable RGB mode by tap and hold on touch plate for 3 secs



Someone turns on the app and select the other Fusion 500 headsets you'd like to sync



Choose your color and lighting effect.
Tap on APPLY and all done!

Before activation, please check the following:

Download AURA Headset app

Make sure Bluetooth is *ON* in your smart phone

About the AURA Headset app



Information

Choose color

Tap on/off for Color cycle effect

Adjust brightness

Select lighting effects – Static, Breathing, Off

APPLY button to activate the selected lighting effect

Lighting effect menu

AURA Sync menu to choose what headsets to sync

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True-to-life Gaming audio

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Hear every detail

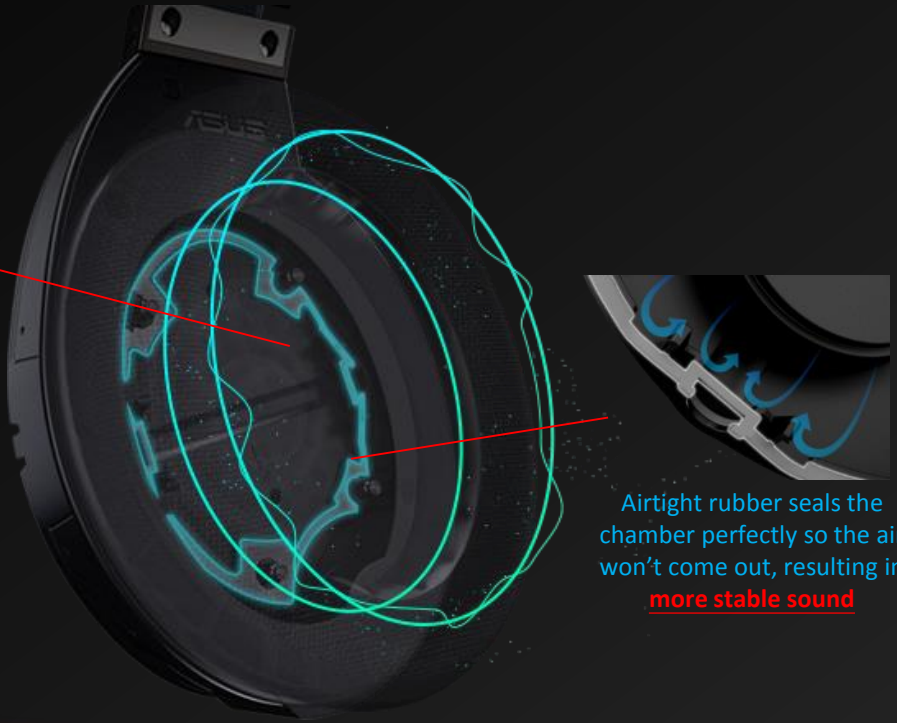
The premium Hi-Fi grade ESS 9018 and 9601 DAC and amplifier are built in Fusion 500. ESS 9018 DAC supports 24bit/96K lossless playback with unprecedented dynamic range and ultra low distortion. ESS 9601 amplifier helps deliver unmatched punchy bass. Enjoy unparalleled audio and hear every detailed gaming sound!

Exclusive airtight chamber

How it works

ROG audio engineers have enlarged the area around the drivers in the sound chambers to provide a true-to-life sound for immersive gaming experiences. Strix Fusion 500 also has a special airtight chamber design to ensure the air is perfectly sealed in the chambers, delivering a **more stable, richer and purer sound**.

The whole chamber has been enlarged so more space for air to circulate, resulting in **true-to-life and more spacious sound**



Airtight rubber seals the chamber perfectly so the air won't come out, resulting in **more stable sound**

Exclusive airtight chamber

Deliver more consistent sound from both left and right ear cups



Normally there are different audio types existing when tuning/producing headsets, however most of the gaming headset producers ignore the fact and mismatch types for left and right ears. Without airtight chamber design, you get **inconsistent and imbalanced sound**



We make sure that every headset is matched with corresponding audio types for left and right ears, delivering a **top-notch high-quality sound**

50mm ASUS Essence driver

The Strix Fusion 500 delivers powerful bass and reveals more sound details thanks to 50mm custom-tuned ASUS Essence drivers that are fitted with metal covers rather than conventional plastic, resulting in purer sound with less distortion.



7.1 surround on the go

Unlike other gaming headsets, ROG Strix Fusion 500 breaks the norm and provides an all-new upgrade of virtual 7.1 surround sound that features an optimized, custom algorithm. Developed with Bongiovi Acoustics Digital Power Station™ technology, the unbeatable 7.1 virtual surround delivers more realistic sounds, all with the push of a button. No extra dongle or software is needed!



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7.1 surround developed with BONGIOVI ACOUSTICS DPS

Bongiovi Acoustics, founded by Tony Bongoivi, cousin of rock star John Bon Jovi, is a leading global audio technology company that together with its customers, is driven to make the world a better sounding place using its patented Digital Power Station (DPS) technology. Bongiovi's team of pro-audio professionals offer unique, innovative acoustic solutions that deliver recording studio quality audio to meet the growing demand for a more immersive user experience.



7.1 virtual surround sound customized in Bonjiovi Acoustics lab



Mr. Tony Bonjiovi

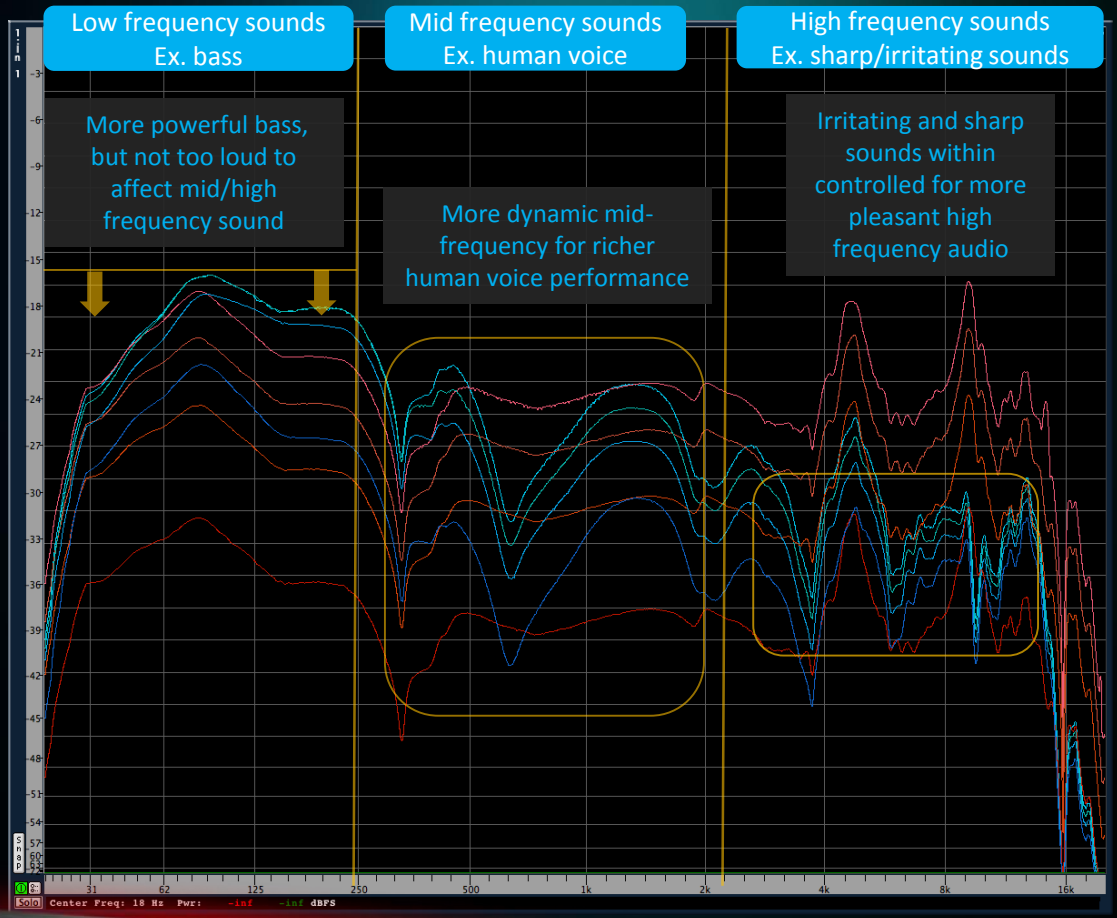
The renowned recording industry acoustic wizard who once worked with Aerosmith, Eric Clapton, Madonna, etc. Cousin of rock star John Bon Jovi. Founder of Bonjiovi Acoustics.

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Tailor-made 7.1 surround

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Testing result from the lab



Frequency Response

- ✓ Blue line: 7.1 surround developed with Bonjiovi Acoustics
- ✓ Red line: standard 7.1 surround sound

[Note] The four individual blue/red lines are testing results from the same headset, taken at different volume levels.

7.1 virtual surround optimized for FPS games

Engineers from Bongiovi Acoustics used the well-known FPS title ‘PUBG’, as one of the primary games to profile the ROG Strix Fusion 500’s virtual surround mode. The headset gives players an intuitive sense of direction and more awareness of their in-game surroundings, such as footsteps, gunfire, and explosions, for a competitive edge in FPS games.



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Re-engineered Comfort

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ROG Hybrid ear cushion

Traditional leather or fabric ear cushions can compromise either comfort or sound quality. Strix Fusion 500 uses exclusive no-compromise ROG Hybrid ear cushions that combine protein-leather and fabric mesh for the ultimate comfort during marathon gaming.



Fabric Mesh (Outside)
No more sweaty ear for marathon gaming sessions

Protein Leather (Inside)
Better sound insulation

Oval shape
Fits the human ear better

Wrap-around cushion design

The wrap-around cushion design provides a 30% larger coverage area and 50% better sound insulation to keep you more comfortable and immersed in your game.



30%
more facial surface coverage

=

50%
Better sound insulation



Free Extra Ear Cushions!

A free set of 100% protein-leather ear cushions for Strix Fusion 500 is also included in the package!

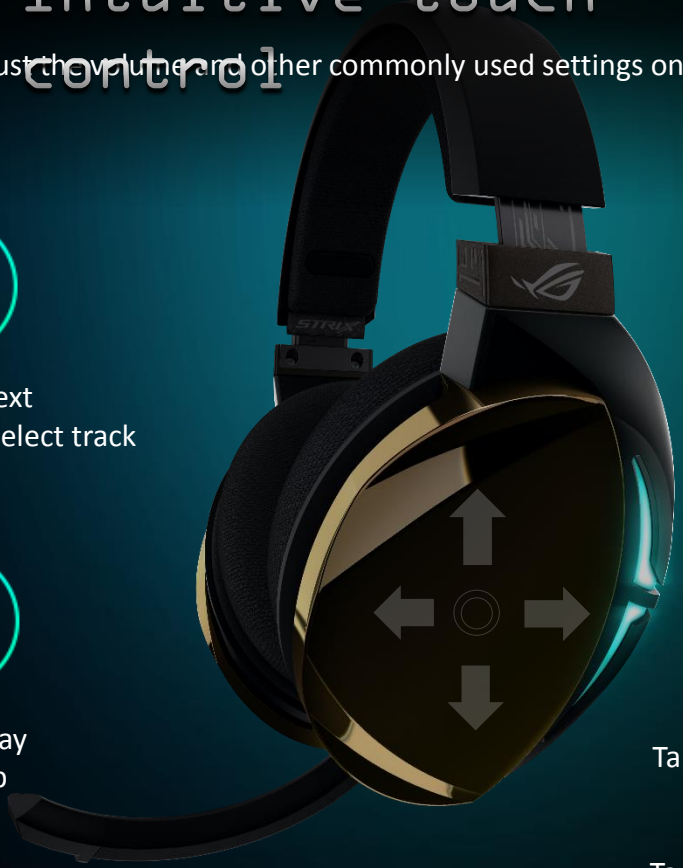
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Not just for Pc gaming

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Intuitive touch control

Easily adjust the volume and other commonly used settings on the intuitive touch plate.



Previous/Next
Swipe left/right to select track

Pause & Play
Single tap

Volume Control
Swipe up/down to change volume
*If you swipe up/down and hold, the volume will be increased or reduced

RGB sync
Tap and hold for 3 seconds for headset-to-headset synchronization

Tap and hold for 5 seconds to enter pairing mode

Wide compatibility with PlayStation 4

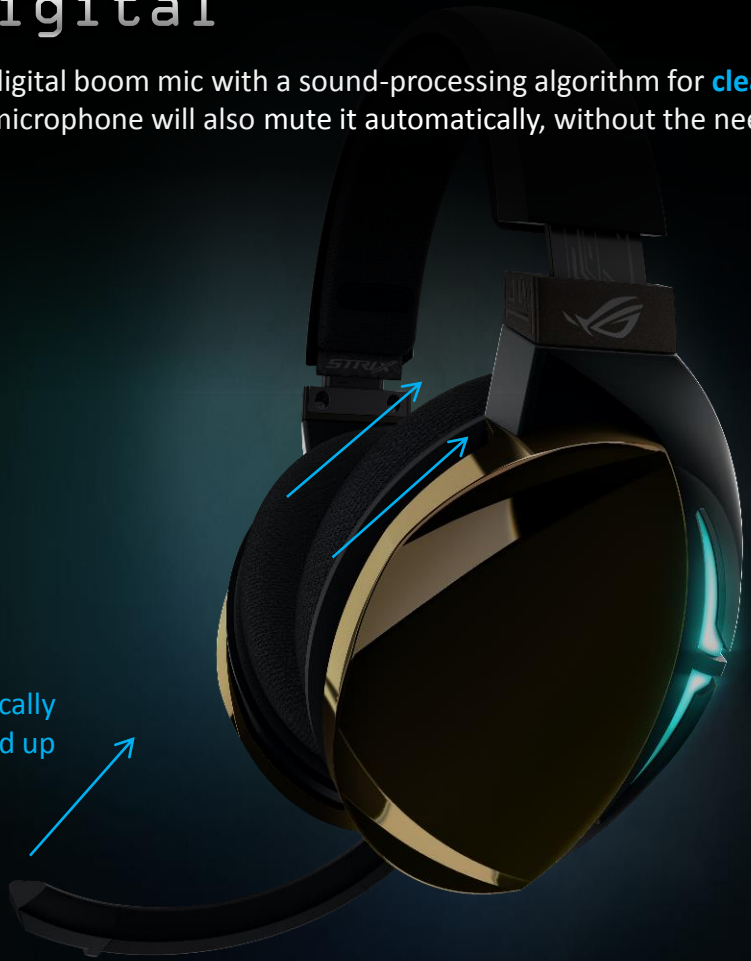
Strix Fusion 500 features a USB 2.0 connector for wide compatibility with PCs, Macs, and PlayStation 4.
(Thanks for on-the-go 7.1 , Virtual 7.1 works on PS4 too)



USB 2.0

Optimized digital microphone

ROG Strix Fusion 500 features a digital boom mic with a sound-processing algorithm for **clearer in-game communication**. Folding up the microphone will also mute it automatically, without the need to change the settings manually.



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Brand new design

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Metallic & futuristic design

Fusion series is a brand new headset series under “ROG Strix” and has a more stylish and less bulky look compared with previous Strix headsets.



Appendix

Comparison

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	 ROG Strix Fusion 500	 HyperX Revolver S	 Steelseries Arctic 5	 Logitech G633	 Razer Mano'war 7.1	 Corsair Void Pro RGB
MSRP(EUR)	179,99	149,99~169,99	129,99	179,99	134,99	99,99~109,99
Headphone						
Connection	USB 2.0 (Console/PC)	USB 2.0 (PC) 3.5mm (Console)	USB 2.0 (PC) 3.5mm (Console)	USB 2.0 (PC) 3.5mm (Console)	USB 2.0 (PC) 3.5mm (Console)	USB 2.0 (PC)
Stereo	○	○	○	○	○	○
Driver diameter	50mm	50mm	40mm	40mm	50mm	50mm
Hi-Fi DAC/Amp processor	ESS 9018 Dac ESS 9601 Amp					
RGB LED Lighting	○		○	○		○
Headset-to-headset RGB Lighting sync	○					
Touch plate control	○					
Foldable	○		○	○	○	○
Virtual 7.1 surround sound	○	○	○	○	○	○
	Hardware enable	Hardware enable	Software enable	Software enable	Software enable	Hardware enable
	Tailored-made	Standard	Standard	Standard	Standard	Standard
Ear cup shape	Oval shape	Oval shape	Oval shape	-	Circular-oval shape	True-form shape
Ear cup design	2 pairs (ROG Hybrid & 100% protein leather)	1 pair (protein leather)	1 pair (fabric mesh)	1 pair (protein leather)	1 pair (protein leather)	1 pair (fabric mesh)

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Comparison

	 ROG Strix Fusion 500	 HyperX Revolver S	 Steelseries Arctic 5	 Logitech G633	 Razer Mano'war 7.1	 Corsair Void Pro RGB
Microphone						
Type of Microphone	Digital	Analog	Analog	Digital	Analog	Analog
Microphone design	Flip up mute	Standard (from PC)	Mute toggle on ear cup	In-line mute toggle	In-line mute toggle	Mute button on ear cup
	Retractable	Detachable	Retractable	Retractable	Retractable	Retractable
	Flexible	Flexible	Flexible	Flexible	Flexible	Flexible

Comparison

	 ROG Strix Fusion 500	 ROG Strix Fusion 300
Headphone		
Connection	USB 2.0 (Console/PC)	USB 2.0 (PC) 3.5mm (Mobile phone/Console/PC)
ESS DAC & AMP	◯	
7.1 virtual surround	◯	◯
	Tailor-made, developed with Bongiovi Acoustics	Standard
Airtight chamber	◯	◯
ASUS Essence driver	◯	◯
Lighting	RGB	Red only
Headset-to-headset Aura RGB light synchronization	◯ (Via BLE)	
Microphone	Digital boom mic	Analog boom mic
Touch controls	◯	
Ear cup design	2 pairs (ROG Hybrid & 100% protein leather)	2 pairs (ROG Hybrid & 100% protein leather)

FAQs

1) Is Fusion 500 compatible with all smart phones and gaming consoles?

You can use the USB 2.0 connector for PC, Mac, and PlayStation 4, but not for mobile devices and XBOX One.

2) How do I know when the microphone is muted?

When you flip the boom microphone all the way up, you will feel an obvious obstacle, that's when your mic is automatically muted.

3) Can I use the touch plate control on YouTube?

Yes, you can pause, play, adjust volume up and down, select previous and next sound tracks on YouTube, but pause/play/select previous and next tracks are only enabled by installing Streamkeys in Chrome. As for IE (Internet Explorer) and Firefox, it also works the same, you need to install their hotkeys.

4) What can I do when AURA RGB sync disconnect?

For the best Aura sync performance, do not close the app while connected.
If the app disconnects, tap "Apply" in the app to reactivate the lighting with your previous Aura Sync settings.

FAQs

5) Can I use the touch plate control on Spotify?

Yes, you can pause, play, adjust volume up and down, select previous and next sound tracks on Spotify.

6) If I open AURA Headset mobile app and Aura Sync on PC simultaneously, which will control the lighting of headset?

Aura Sync on PC will come first to control the lighting of headset. If you would like to use mobile app, please turn off Aura Sync on PC, then you can use the app to control the lighting of headset.

7) What are the lighting effects on Aura Headset mobile app and Aura Sync on PC?

For the Aura Headset app, you will get Static, Breathing, and Color cycle.
For Aura Sync on PC, you will get Static, Breathing, Color cycle, and Music mode.

Specifications

Headphones	
Connector	USB 2.0 for PC/Mac/PlayStation 4
Speaker driver dimension	50mm
Driver material	Neodymium magnet
Impedance	32 ohms
Frequency response	20 Hz–20K Hz
Ear-cup	ROG Hybrid & 100% protein leather
Weight	360g
Cable	Braided cable: 2M
Lighting effect	Static/Breathing/Color cycle/Music(PC only)
7.1 virtual surround sound developed with Bonjiovi Acoustics	On-board, enable with a button
Microphone	
Type	Digital
Pick-up pattern	Uni-directional, retractable
Frequency response	50 Hz–10K Hz
Sensitivity	-39 ± 3 dB