

# *STRIX* Fusion 300

7.1 Gaming Headset

Sales Kit

## A New Breed of Audio Sensation

The ROG Strix Fusion 300 gaming headset features an exclusive airtight chamber design and 50mm ASUS Essence drivers, delivering pure gaming audio with deep bass. Immerse yourself in rich sound with onboard 7.1-channel virtual surround-sound wherever you go – no dongles or drivers needed! The Strix Fusion 300 is lightweight and comfortable, and has wide compatibility with PC, Mac and game consoles.

# Feature overview



## ROG Strix Fusion 300

### Exclusive airtight chamber

Helps deliver richer and more spacious sound



### 50mm ASUS Essence driver

Less distorted audio with punchy bass



### On-board 7.1 virtual surround

Enjoy plug-and-play 7.1 virtual surround whenever you go



### Exclusive ROG Hybrid ear cushion

Reduces perspiration and provides better sound insulation



### Cross-platform compatibility

PC, mobile, PS4/Xbox console compatible



### Extra ear cushions for free!

Free set of 100% protein-leather ear cushions



# True-to-life Gaming audio

# Exclusive airtight chamber



## How it works

ROG audio engineers have enlarged the sound chamber around the driver to provide a deep soundstage that improves gaming immersion. The chamber has also been designed to be airtight, delivering tighter bass and purer sound.

The whole chamber has been enlarged so there's more space for air to circulate



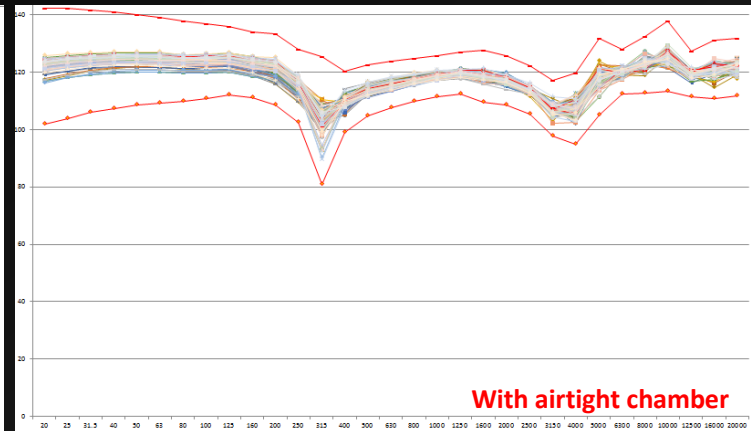
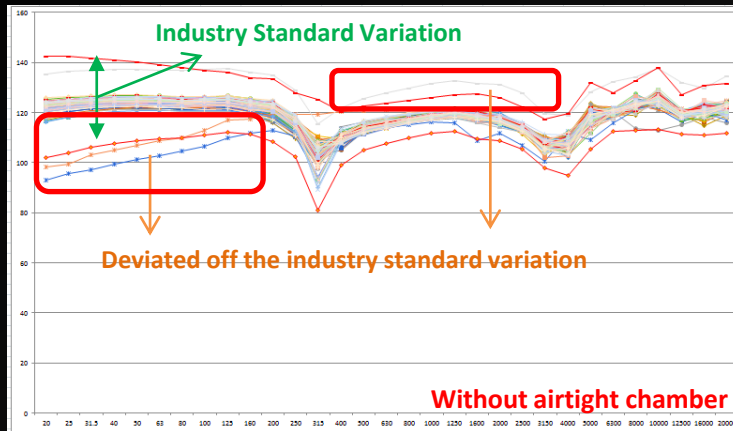
Airtight rubber seals the chamber perfectly

# Exclusive airtight chamber



## Testing result from the lab

>> Less varied frequency response with the Strix Fusion 300 airtight driver chamber



The graphs above show the frequency response of multiple Strix Fusion 300 headsets with and without the sealing components installed in the driver chamber. The measurements were taken by placing each headset on a dummy head that features an embedded microphone to measure frequency response.

From the left graph, we can see that unit to unit frequency response is more varied when the driver chamber doesn't utilize an airtight seal. The variance shown is typical of gaming headsets. Such variance can result in two samples of the same headset sounding drastically different.

By utilizing an airtight chamber to house the Strix Fusion 300 drivers, the right graph reveals less headset to headset variance, ensuring a consistent sound signature across multiple headset samples.

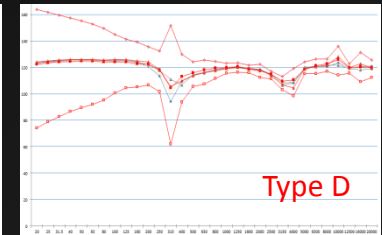
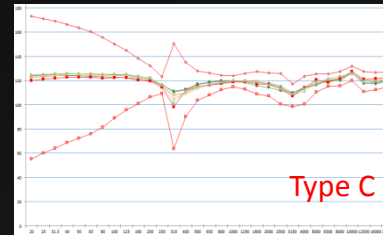
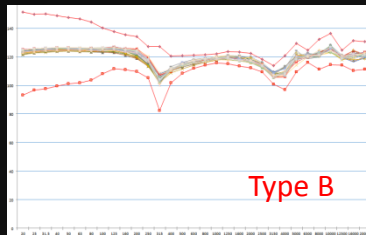
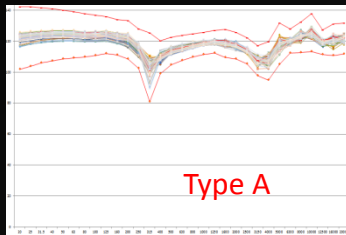
# Exclusive airtight chamber



## Unique pairing process

**>> Delivers more consistent sound from both left and right ear cups**

The industry standard for driver variance is 3dB. This can result in headsets coming off the production line with up to 6dB of variance in frequency response, which leads to poor stereo imaging. Strix Fusion 300 drivers go through a rigorous screening process to ensure each pair is tightly matched.



Driver characteristics are carefully studied, and like pairs are teamed to ensure each Strix Fusion 300 headset meets strict standards.



# 50mm ASUS Essence driver



The Strix Fusion 300 delivers powerful bass 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.



## 50mm ASUS Essence driver

Pristine audio and punchy bass

## Metal cover design

Less resonance and distortion



# 7.1 surround on the go



No extra dongles or software is needed, 7.1-channel virtual surround sound is easily enabled by pressing a button on the Strix Fusion 300!



Re-  
Comfort  
engineered

# ROG Hybrid ear cushion



Traditional leather or fabric ear cushions can compromise comfort and sound quality. The Strix Fusion 300 uses exclusive ROG hybrid ear-cushions that combine protein-leather and fabric mesh for the ultimate comfort during long gaming sessions.



## **Fabric Mesh (Outside)**

Reduces perspiration



## **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, improving comfort and game immersion.



**30%**  
more facial  
surface coverage

=

**50%**  
Better sound  
insulation



## Free Extra Ear Cushions!

A free set of 100% protein-leather ear cushions is included in the package!

Not just for  
Pc gaming

# Cross-platform compatibility

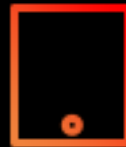
The Strix Fusion 300 features USB 2.0 and 3.5mm connectors for compatibility with PC, Mac, gaming consoles (PS4/Xbox One), and mobile devices.



**USB 2.0**




**3.5mm**





# Retractable microphone

The Strix Fusion 300 comes with a retractable boom microphone which makes the headset good for outdoor listening or commuting. The microphone is also fully adjustable and auto-mutes when it's flipped up.



The microphone automatically  
mutes when stowed

Brand new design

# Metallic & futuristic design

The Fusion series of headsets is the latest addition to the “ROG Strix” family, and is more stylish and less bulky than previous Strix models.





## Stylish lighting effects

A simple click in the Fusion 300's software app allows you to apply a static or breathing lighting effect.

# Appendix

# Comparison



				
	ROG Strix Fusion 300	HyperX Revolver S	Steelseries Arctic 5	Razer Mano'war 7.1
<b>MSRP</b>	<b>EUR139</b>	<b>EUR169</b>	<b>EUR129</b>	<b>EUR139</b>
<b>Headphone</b>				
Connection	USB 2.0 3.5mm	USB 2.0 3.5mm	USB 2.0 3.5mm	USB 2.0 3.5mm
<b>Stereo</b>	○	○	○	○
<b>Driver diameter</b>	50mm	50mm	40mm	50mm
<b>Ear cup shape</b>	Oval shape	Oval shape	Oval shape	Circular-oval shape
<b>Ear cup design</b>	2 pairs (ROG Hybrid & 100% protein leather)	1 pair (protein leather memory foam)	1 pair (fabric mesh)	1 pair (protein leather)
<b>Foldable</b>	○		○	○
<b>Virtual 7.1 surround sound</b>	○ (Hardware enable: via a button on ear cup)	○ (Hardware enable through in-line dongle)	○ (Software enable)	○ (Software enable)
<b>LED Lighting</b>	○		○	
<b>Microphone</b>				
<b>Microphone design</b>	Flip up mute	Standard (from PC)	Mute toggle on ear cup	In-line mute toggle
	Retractable	Detachable	Retractable	Retractable
	Flexible	Flexible	Flexible	Flexible

1) Is the Fusion 300 compatible with all smart phones and gaming consoles?

Yes, you can use the 3.5mm connector for all smart phone and gaming consoles, but please note that gaming consoles cannot be connected via the USB 2.0 connector.

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

As you flip the boom microphone up, you'll feel a slight resistance just before it's pushed home - that's when your mic is automatically muted.



# Specifications



## Headphones

Connector	<ul style="list-style-type: none"><li>• USB 2.0 for PC/Mac</li><li>• 3.5mm for consoles(PS4/Xbox) and smart devices</li></ul>
Speaker driver dimension	50mm
Driver material	Neodymium magnet
Impedance	32 ohms
Frequency response	20Hz–20kHz
Ear-cup	ROG Hybrid & 100% protein leather
Weight	360g
Cable	Braided cable: 2M
Lighting effect	Static/Breathing/Off
7.1 virtual surround sound	On-board, enable with a button
Microphone	
Type	Analog
Pick-up pattern	Uni-directional, retractable
Frequency response	50Hz–10KHz
Sensitivity	-39 ± 3dB