

# Bluetooth and Wireless Headphones Comparison? What's the Difference?

The most detailed comparison table of Bluetooth and Wireless headphones. Find out what are the similarities and differences between these two headphone lines?

Not everyone knows how to compare Bluetooth and Wireless headphones. Because they are both wireless headphones, many people still mistakenly think that these two types of headphones are the same. So how are they different? Let's compare Bluetooth headphones and Wireless headphones through this article with TipsMake.

## Learn about Bluetooth headphones and Wireless headphones

In reality, **Wireless headphones** and Bluetooth headphones are not the same. All Bluetooth headphones are considered Wireless headphones, but not all Wireless headphones are Bluetooth headphones.



### 1. What are Wireless Headphones?

With the help of infrared waves or radio frequency waves, wireless headphones transmit sound waves or signals.

- **Infrared waves** : Works exactly like your TV remote, transmitting signals to the headphones from the base device. The operating range is limited, meaning limited movement must occur within a distance of 7 meters or less between the transmitter and the headphones.

- **Radio waves** : Stronger and operate over a wider range. The range is significantly better, i.e. if the environment is not a problem it can be up to 300 feet.

Wireless headphones operate without wires or cables. They usually receive sound waves from a base that is connected to a device such as a speaker, smartphone, game console, or computer. These types of speakers usually operate on a standard battery pack. They can be charged or easily replaced when they stop working.



## 2. What is a Bluetooth headset?

Bluetooth is one of the best wireless technologies. It can connect to many radio wave devices without using cables or wires even in short or limited range.

This technology specifically helps in sending and receiving data with the help of devices like laptops, smartphones, tablets etc. which have Bluetooth in them.

**Bluetooth headphones** connect directly to Bluetooth technology to give users a great wireless headphone experience. This technology is present in most modern high-tech devices such as smartphones, laptops, speakers and usually includes short or limited ranges.



## Comparison table between Bluetooth and Wireless headphones

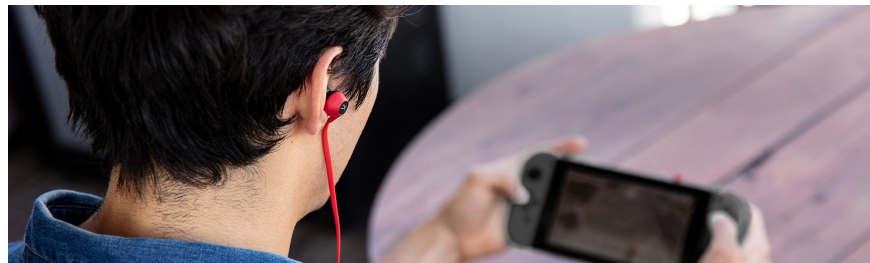
	<b>Bluetooth Headset</b>	<b>Wireless headphones</b>
Define	All bluetooth headphones are called wireless headphones.	All wireless headphones are not called bluetooth headphones.
Technology	Usually, Bluetooth is built into the device.	Wire headphones often require an adapter to attach to the device.

Sound quality	Bluetooth headphones use radio waves to transmit audio signals.	Wireless headphones use infrared or radio waves to transmit audio signals.
---------------	---	--

## Difference between Bluetooth and Wireless Headphones

All Bluetooth headphones are considered Wireless headphones, but not all Wireless headphones are Bluetooth headphones.

- Wireless headphones use infrared or radio waves to transmit audio signals. While Bluetooth headphones use radio waves to transmit audio signals.
- Wireless headphones usually require an adapter to attach to the device. By default, Bluetooth is built into the device.
- Wireless headphones are not always compatible with all devices because it depends on the integration of other devices. Bluetooth headphones, on the other hand, can be compatible with most Bluetooth-enabled devices.
- Depending on the barriers in the environment, wireless headphones cover a wide radius of up to 300 feet. Bluetooth headphones cover a small radius of up to 30 feet or less, depending on the surrounding environment.



So hopefully through the article comparing bluetooth and wireless headphones above by HACOM, you can understand more clearly about these two **headphone** product lines . The useful information above will help you choose the right product for your needs.

If you are currently in need of buying wireless headphones or bluetooth headphones, please contact **TipsMake** directly via hotline **19001903** or come directly to the showroom at this address for the most detailed advice.

You finished reading the article "**Bluetooth and Wireless Headphones Comparison? What's the Difference?**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.