

# What is Extra bass technology on Sony speakers and headphones?

Extra bass is a technology developed by Sony to create bass for headphones and speakers. Join TipsMake to learn about Extra bass Sony in the article below.

Sony understands that electronic music (EDM) is one of the leading music genres for young people today. Therefore, it is no coincidence that most of Sony's headphone and speaker lines have the symbol EB (Extra bass) to keep up with the pace of development of this music genre. If you are a lover of powerful EDM music but still do not know about Sony's Extra bass technology, please refer to the article below with TipsMake.

## What is extra bass?

Extra Bass is an exclusive technology developed by Sony to help its speaker and headphone products enhance electronic bass, through a combination of technology and audio design ( Depending on each product line, there will be a different combination of technology and sound design).

Picture 1 of What is Extra bass technology on Sony speakers and headphones?

## Extra bass on Sony speakers

Let's learn about the outstanding features of Extra bass on Sony speakers below:

### **About technology**

Extra bass on Sony speakers possesses the following technologies:

#### *Audio amplifier*

The Sony Extra bass speaker is equipped with high-quality digital audio amplification technology, named S-Master. This is a technology that helps eliminate noise through digital processing, helping to reproduce clear sound no matter what sound level you are playing, from low to high tones.

Picture 2 of What is Extra bass technology on Sony speakers and headphones?

#### *DSEE sound enhancement technology*

Digital Sound Enhancement Engine (abbreviated as DSEE) is a technology that helps restore frequencies for lost sounds (especially for highs and lows) of compressed audio sources on listening platforms. The most popular music today such as Spotify, Nhaccuatui, Zing MP3,. Guaranteed that the audio transmission process will give users the most complete experience even if they choose to listen from different sound sources.

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### ***ClearAudio+ sound reproduction technology***

ClearAudio+ is a technology that Sony allows users to easily enjoy the company's unique sounds through combining many exclusive digital signal processing technologies developed on Sony speakers. Helps bring realistic sound experiences, capable of low-frequency playback, reproducing powerful bass, to deliver the clearest and most vivid sound quality.

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### **Possessing a unique design**

The interior of a Sony Extra bass speaker will be designed as follows:

#### ***The speakers reproduce powerful highs and bass***

Extra Bass speakers today often use two sets of full-range speakers with a diameter of about 42mm, which provides an effective stereo experience (a method of creating the illusion that you can hear sound from many directions). It also helps convey strong treble (high tones) and bass (low tones).

In addition, the design and size of the front grille have also been improved by Sony (with an increase in size of about 12%) compared to the structure of conventional speakers, helping the midrange and high tones to improve. becomes clearer.

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#### ***Passive radiator***

Designed with a passive radiator to effectively enhance low-frequency sounds and deliver a powerful bass experience.

Furthermore, to effectively enhance low-frequency sound, Sony also uses a dual passive heat dissipation method by arranging two additional passive radiators mounted on both the front and back of the speaker.

Compared to bass reflex speakers, this design will help eliminate noise from the outside environment such as the sound of the wind, the sound of equipment, etc. From there, creating sharp and clear sound ranges. stronger.

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## ***DSP digital signal processor***

With DSP's low frequency enhancement function, Sony allows you to comfortably listen to music even at low or medium volume levels. Sony's use of DSP technology for its speaker lines also helps sound spread more widely and provides a realistic, multi-dimensional sound experience.

## **Extra bass on Sony headphones**

Sony also applies Extra bass technology quite successfully to wired and wireless headphones, bringing the following outstanding advantages:

### **About technology**

Extra bass on Sony headphones integrates many of the following technologies:

#### ***Create deep bass thanks to Powered Bass Duct++ technology***

Powered Bass Duct++ is a special technology from Sony that helps deliver powerful deep bass and sub-bass to you, making the headphones more suitable for different music styles. has a low tone.

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#### ***Equipped with DSEE technology to help reproduce high tones from compressed audio sources***

DSEE is an exclusive Sony technology that helps add all the missing sounds (especially high and low tones) when transmitting sound from popular compressed audio sources such as Zing MP3, Nhaccuatui, Spotify.) to your headphones.

#### ***Customize the volume according to your preferences with the Sony application***

This is an application specifically for smartphones that Sony releases, called Sony | Music Center. You can optionally increase or decrease the volume or customize sound effects, equalizer, etc. to let the sound change automatically according to each song you love.

Picture 8 of What is Extra bass technology on Sony speakers and headphones?

### **Possesses a unique design**

The 'interior' inside a Sony Extra bass headset will be designed as follows:

#### ***12m Neodymium speaker set***

The 12mm neodymium speaker membrane is specially developed by Sony with a compact design and high sensitivity (up to 112 dB/mW) providing powerful sound, absolutely no distortion even at low volume. high quality.

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### ***Extra base speaker membrane is anti-vibration***

The extra base speaker membrane has the function of anti-vibration and pressure reduction in the headset, helping to create realistic deep bass sound.

### ***Integrated amplifier***

The ability to enhance deep bass with the built-in amplifier feature will make the bass sound deeper and stronger. Combined with a design that increases tightness on the headphone shell, it also helps optimize the performance of the speaker membrane at low frequencies.

Thanks to the built-in amplifier, even when you increase the volume to the highest level, the deep bass and high tones are still very clear without distortion or crackling, giving a powerful and very realistic feeling.

## **Why should you choose speakers and headphones with Sony's Extra bass technology?**

Although there are many lines of headphones and speakers on the market, Sony Extra bass products will still be a great choice for you for the following reasons:

### **Integrating multiple audio technologies at the same time**

The Sony Extra bass speaker line is inherited and developed from modern, exclusive audio technologies researched by Sony itself such as DSEE, S-Master, ClearAudio+,.. guaranteed to meet all your speaker usage needs. . Delivers a clear, sharp, well-rounded sound experience from bass to highs.

Especially with Extra bass technology, it will help the device enhance electronic bass, so you can experience the sound of rock or EDM songs more clearly and realistically.

The Sony Extra bass headphones also incorporate similar technologies, designed to fit the compact size of the headphones. However, it still delivers round and distortion-free sounds, clearly demonstrating sound quality, delivering powerful bass, especially for deep bass and sub-bass sounds.

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### **Unique design helps improve sound quality**

Sony always takes care of the Extra bass speaker lines with meticulous and unique designs, from expanding the size of the grille, full-range speakers, to using passive radiators, etc. At the same time, combining along with Sony's modern technology to help bring realistic and vivid sound experiences.

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Extra bass headphones also use Sony's exclusive extra base speaker design combined with Neodymium speakers and an integrated amplifier to bring a vivid and extremely powerful sound experience across the entire sound range. In addition, the Extra base speaker membrane also helps reduce ear fatigue when you use headphones continuously for a long time thanks to the pressure reduction feature in the headphones.

## **Utilities included**

Below are some outstanding benefits that Sony headphones and speakers using Extra bass technology bring:

### ***IP67 water resistance standard***

This standard is integrated by Sony on two speaker lines, SRS-XB22 and SRS-XB21, with high waterproof, dustproof, and rustproof capabilities for better protection when used for a long time. Furthermore, these two speakers can be safely used in the bathroom, kitchen, and even outdoors and at sea.

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### ***Modern design***

Sony's product design always has a unique, trendy style. In addition, you can also easily carry it with you to use at any time, convenient for almost all daily activities. The long battery life is very suitable for outdoor activities, picnics, daily entertainment or parties with friends.

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### ***Integrating many leading utilities brings a realistic sound experience***

Most Sony Extra bass speakers are integrated with light technology to help you use them even in low light conditions and bring a festival-like experience. The lights on the devices come in many colors and have a sophisticated design with the ability to change the speaker position (horizontal or vertical rotation) to suit any operating space.

In addition, the Extra bass SRS-XB22 can connect to many devices to form a speaker chain to increase the volume and provide an experience like you are using regular large speaker systems with huge volume.

## **Subjects of use**

The Sony Extra bass speaker line often focuses on the ability to enhance electronic bass in EDM music, so it is very suitable for young people who love modern, vibrant music.

Furthermore, with a modern, compact design, these products are also suitable for users who frequently travel or are interested in traveling, camping and participating in sports activities.

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However, for users who are not too concerned about sound quality or the ability to enhance electronic bass, Sony Extra bass speakers and headphones will not be the top choice. Because these products often have higher prices than regular bluetooth speakers or headphones.

## Epilogue

Hopefully the content that TipsMake has shared above can help you get more necessary information about Sony Extra bass headphones and speakers, thereby making the most suitable choices for your needs. and your own economic conditions. Hope you will have wonderful moments of entertainment through vivid, realistic sound devices.

You finished reading the article "**What is Extra bass technology on Sony speakers and headphones?**" 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.