

The most detailed omnidirectional microphone review from A to Z

Omnidirectional microphone is also known as omnidirectional microphone, a type of microphone that can pick up sound from all directions. The top choice of users.

You wonder what an omnidirectional microphone is even though you've heard of it? You want to learn about omnidirectional microphones but don't know where to start, this article will provide you with what you need to know about omnidirectional microphones so you can choose the most effective recording microphone.

What is an omnidirectional microphone?

Omnidirectional microphones are also known as omnidirectional microphones, which are microphones that can pick up sound from all directions. Therefore, if you place the microphone in a closed room, the omnidirectional microphone can pick up and record sound clearly from all directions, in front or behind the microphone, the sound quality is equally clear.

Omnidirectional microphones are very useful when used in online conferences. Participants can move anywhere around the meeting room, freely discuss and give opinions while still ensuring clear sound from all directions.



Advantages of Omnidirectional Microphones

Omnidirectional microphones bring many benefits to users. When you use an omnidirectional microphone, it has an advantage over a directional microphone because it can reduce noise that distracts the listener's concentration, such as: fan noise, wind noise, air conditioning noise, etc. With a port on the back of the microphone to record sound, a directional microphone will clearly record the noise of the background noise, making it difficult to hear what others are saying and reducing the overall recording quality.

The most obvious advantage of an omnidirectional microphone is its ability to pick up sound from all directions. You can stand on any side of the device to speak while still ensuring clear sound recording. In addition, another advantage of an omnidirectional microphone is its ability to effectively eliminate ambient noise. Most omnidirectional microphones today are equipped with noise filtering technology, which effectively eliminates all background noise, making the overall sound quality sharper and clearer than ever.



Working principle

Unlike directional microphones, the operating principle of omnidirectional desktop microphones has a 360-degree circular pickup pattern to receive sound from many directions. No matter where the speaker is standing around the microphone, the head unit can record the speech sound with the same sound quality.

The omnidirectional microphone's recording range is more flexible than other microphones, making it easier for users to gather and discuss around the microphone. For example, in an open workspace or a meeting room, providing each person with a directional microphone is quite difficult. However, if you use an omnidirectional conference microphone, you can replace many other directional microphones, effectively saving equipment costs.

Applications of omnidirectional microphones

With the ability to record 360 degrees, omnidirectional microphones are widely used in crowded meetings and in large spaces, saving costs. You do not need to spend a lot of time and money to install a desktop microphone for each person like before, now you only need to use 1 omnidirectional microphone for 1 meeting room or branch.



In addition, you can use the omnidirectional microphone for online meetings to record all sounds of important meetings and conversations.

Some types of omnidirectional microphones are also widely used for online meetings with many members via phone applications. Cheap omnidirectional microphones for online meetings are suitable for meeting rooms of 5-10 people.

Note how to choose to buy omnidirectional microphone

Omnidirectional microphones are often used in meeting rooms, conferences, seminars, etc. so that everyone can hear the sound clearly. Therefore, you should choose to buy a microphone with high sensitivity. You can choose a speaker screen with a volume and sensitivity of 92 - 95 dB. Large volume capacity will help the sound transmission better, spreading widely inside the hall.

With USB connection : Can be used for meeting rooms with more than 10 people meeting online. Users can connect to other supporting devices such as: phones, computers, . and store data during the meeting.

With 3.5 connection port: Only used for listening to music, if used in an online conference room it will be more difficult to record

With wireless connection: As a wireless microphone, the microphone's sound sensitivity is quite high, with a frequency of 20 Hz to 20 kHz. With a wireless microphone, you need to charge the battery or use a battery for the microphone to run.

Conclude

Above is the most detailed information about what an omnidirectional microphone is that **TipsMake** wants to share with you. If you have any questions about this omnidirectional microphone or other audio equipment, please contact Hotline: **19001903** for free advice!

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