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## What type of mic is best for podcast

There are lots of microphones on the market, ranging from cardioid mic, omnidirectional mic, dynamic mic to condenser mic. So which is the best type of microphone for podcasting? If you intend to start a podcast, you first have to make two choices. Cardioid mic vs. omni A cardioid or hypercardioid microphone picks up sound from only one specific area of the mic, while an omnidirectional microphone captures sound equally from all areas of the mic. Generally speaking, cardioid microphone allows you to concentrate on the sound you want, like your voice, while trying to minimize the sounds you don't want, such as the noise of an air conditioner. In fact, almost no podcasters could be able to record in ideal conditions. This then is changed into a demand for cardioid/hypercardioid mics that enable a podcaster to make use of the microphone's "dead spot" at the back of the capsule to minimize unwanted noises. When there is a loud air conditioner, for example, pointing the back of the microphone at it would be a solution - the presence of the noise would be significantly reduced at your recording as a consequence. There may be circumstances where you're recording multiple people in the same space and you may want to be able to isolate your signals as much as possible. Then you can point two cardioid microphones SYNCO D2 is one of the best type of microphone for podcasting. It carries a solid brass construction that is highly resistant to interference. Its self-noise is very low, staying at 12dB (A-weighted), 24dB (CCIR 268-3). The frequency response ranging from 20Hz to 20KHz, allowing the mic to output all the frequency response ranging from 20Hz to 20KHz, allowing the mic to output all the frequency response ranging from 20Hz to 20KHz, allowing the mic to output all the frequency response ranging from 20Hz to 20KHz, allowing the mic to output all the frequency response ranging from 20Hz to 20KHz, allowing the mic to output all the frequency response ranging from 20Hz to 20KHz, allowing the mic to output all the frequency response ranging from 20Hz to 20KHz, allowing the mic to output all the frequency response ranging from 20Hz to 20KHz, allowing the mic to output all the frequency response ranging from 20Hz to 20KHz, allowing the mic to output all the frequency response ranging from 20Hz to 20KHz, allowing the mic to output all the frequency response ranging from 20Hz to 20KHz, allowing the mic to output all the frequency response ranging from 20Hz to 20KHz, allowing the mic to output all the frequency response ranging from 20Hz to 20KHz, allowing the mic to output all the frequency response ranging from 20Hz to 20KHz, allowing the mic to output all the frequency response ranging from 20Hz to 20KHz, allowing the mic to 20KHz, allowing the m microphone for podcasting in Video 1. Cover image via The bare essentials for a podcast breaks down to a computer outfitted with some audio editing software, a microphone, something to connect the two devices, and a space to record in. Here's a breakdown of all the essential gear you need to take the podcast idea you've been formulating and help turn it into a reality. The Fundamentals of Sound Recording Before we dive into the sweet gear reviews below, let's take time to do some rundowns on a few basic gear choices and audio elements for those who are brand new to sound recording. XLR vs. USB Closeup of an XLR cable. Image by Purple Anvil. The three-pin XLR is the essential audio cable. It's been around for ages and will remain on sets for years to come. The three pins are ground, a positive, and a negative terminal to relay electricity from one point to another. Higher-end gear, and most audio recording gear in general, will rely on this cable. Since no home computer that I know of has XLR inputs, you'll need a device to bridge the gap between the microphone and the computer. This device is usually an audio interface or a mixer that changes the analog signal from your mic and transfers it to a digital one. These will have options to manipulate your signal's gain (loudness), headphone monitoring levels, and audio outs to get the signal to your computer. You could also bypass using a computer in the recording stage altogether. Instead, go straight for a recorder such as the Zoom H6, which has four XLR inputs with gain control. Then, upload to an editing software later if you need to keep the footprint smaller or do a podcast on the road. Skip using a computer entirely. Image by Zoom. USB output microphones are increasingly popular since they're user-friendly and require less gear to record straight to editing software. Many microphones now offer both USB and XLR outputs already built-in. So, no real advice here. If you have a USB microphone now offer both USB and XLR outputs already built-in. significant, newer recorder offering from the powerhouse audio company, check out the Zoom H8. Dynamic vs. Condenser Dynamic microphones are durable, moisture-resistant, resilient mics that capture loud sounds. These microphones are durable, moisture-resistant, resilient mics that capture loud sounds. These microphones are durable, moisture-resistant, resilient mics that capture loud sounds. These microphones are durable, moisture-resistant, resilient mics that capture loud sounds. some sweet vocal tracks. This is an excellent option for anyone podcasting on the road in unpredictable settings and weather. Your environment will change by Mila Drumeva. On the other hand, condenser microphones thrive in controlled environments such as studios. They tend to be much more sensitive than dynamic microphones—and louder. These microphones require an external power source, so you'll want to check out an interface or mixer with phantom power to supply these microphones are also usually much more fragile and expensive, so be sure to treat them well. This should be your microphone choice if you want to achieve a higher-end production value on your podcast. If you want more info on the various types of microphones you can find—whether it be for podcasts or video production Mic Recording in Your Home The overwhelming majority of anyone reading this article won't have access to a studio or the ability to build one in their home. So, the next best option is to make your home that you can more easily control. Reduce sound leaks from other parts of your home by recording in a room with carpet, utilizing professional soundproofing, or even just hanging blankets. You can also build your own DIY voiceover booth with just a few items, without depleting your bank account. If this isn't feasible for you, the simplest thing you can do to improve the overall sound quality of your show is to quietly sit in the room? Is the air vent blasting right into a space where you'll record and listen intently. Is there an electric hum from some machine in the room? Is the air vent blasting right into a space where you'll find yourself at a good starting point. You can also invest in boom arms with shock mounts. These will absorb vibrations from when you touch items near the mic, like a desk or your computer. For some of the microphones listed below, these things are necessary to get them production-ready. If your podcast has multiple people involved, make sure that one host's mic isn't directly behind a different host's mic. Separation is vital so that each recording sounds sufficiently clean. That way, you can maintain isolated audio tracks for each host, and they aren't bleeding into each other's mics. You'll also want to invest in a pop filter for your microphones. A pop filter will make a massive difference in limiting the effects of your plosives or the popping sounds created by the consonants p, t, k, b, d, and g. Notice the breath that leaves your mouth when you say those letters out loud. Make sure to add a pop filter to help curb plosives. Image by OLEH SLEPCHENKO. Now that we've covered some of the basics, let's get into some of the best mics around. If you're looking for another in-depth on microphone Bynamic Microphone bynamic mics are a good starting point. Image by Samson. This dynamic microphone is the perfect way to get your podcast started. It comes with all the accessories you need to jump straight into recording right out of the box, and it's incredibly affordable at just \$50 online. The kit comes with a microphone and a small stand, perfect for a desktop. It also includes an extremely handy windscreen should you ever need to take your show out into the elements, as well as all the necessary cables for hooking the mic up into the computer. This is an excellent choice for anyone looking to do a solo podcast. One of the most appealing aspects of this mic is that it has both a USB and an XLR out, which you can use simultaneously should you want to record on separate devices. Remember that if you solely rely on XLR (which is almost always better quality), you'll need to invest in either a mixer or a digital recorder. The Audient iD MkII is a nice option that I use for almost everything. Check it out below: The Blue Snowball USB Microphone This USB microphone is an affordable option. Image by Blue. One step up from their iCE model, and slightly more expensive than the Samson Q2U USB, this microphone comes with an adjustable tripod. It also features a cardioid mode suited for recording a podcast, a cardioid mode with a -10db Pad to record louder sounds with higher fidelity, and an omnidirectional mode with a -10db Pad to record louder sounds with higher fidelity, and an omnidirectional mode with a -10db Pad to record louder sounds with higher fidelity, and an omnidirectional mode with a -10db Pad to record louder sounds with higher fidelity, and an omnidirectional mode with a -10db Pad to record louder sounds with higher fidelity, and an omnidirectional mode with a -10db Pad to record louder sounds with higher fidelity, and an omnidirectional mode with a -10db Pad to record louder sounds with higher fidelity, and an omnidirectional mode with a -10db Pad to record louder sounds with higher fidelity, and an omnidirectional mode with a -10db Pad to record louder sounds with a -10db Pad to reco dynamic mic, this will be a good beginner option. This mic is also ready to use straight out of the box, and it's one of the more well-known, low-cost choices for recording podcasts. This is a good start for beginners, but to use this mic and get rich tones out of it, the user must be somewhat close, from personal experience. Instead, I'd go with the Samson microphone overall for this reason. I've used Blue on a few occasions for being a guest on a podcast, as well as needing to record voice-over work, and neither sounded . . . great? But, then again, you get what you pay for, and the results were indeed better than a cheap mic from a brand you've never heard of. Skip this mic unless you're strapped for cash. Blue Snowball Mic - \$49.99 Semi-Pro Podcaster Microphones Blue Yeti USB Microphone The Blue Yeti is a fantastic option and is by far the most popular choice for people looking to create a podcast. These mics produce excellent results, are easy to use, shipped production-ready, and are still affordable. When I said I had a bad experience with the Snowball Blue Mic, this one quickly quashed those initial hesitations. In fact, I purchased one myself when the pandemic hit and needed to record myself for meetings, narration, and anything else we've had to do since all this started. This microphone also includes a tabletop stand, but if you want to take it to the next level, you can always purchase a Blue Radius II shock mount and a Heil PL2T boom stand. These accessories will help you achieve a more comfortable experience and improve your sound quality. This mic has gain control, a mute button, zero-latency output, and a tri-capsule array of three condensers. Some audiophiles may knock this microphone, but this will get the job done for a mid-level mic. RØDE Procaster USB Dynamic Cardioid Broadcast Microphone, but this will get the job done for a mid-level mic. RØDE Procaster The Podcaster USB Dynamic Cardioid Broadcast Microphone, but this will get the job done for a mid-level mic. RØDE Procaster The Podcaster USB Dynamic Cardioid Broadcast Microphone, but this will get the job done for a mid-level mic. RØDE Procaster USB Dynamic Cardioid Broadcast Microphone, but this will get the job done for a mid-level mic. RØDE Procaster USB Dynamic Cardioid Broadcast Microphone, but this will get the job done for a mid-level mic. RØDE Procaster USB Dynamic Cardioid Broadcast Microphone, but this will get the job done for a mid-level mic. RØDE Procaster USB Dynamic Cardioid Broadcast Microphone, but this will get the job done for a mid-level mic. RØDE Procaster USB Dynamic Cardioid Broadcast Microphone, but this will get the job done for a mid-level mic. RØDE Procaster USB Dynamic Cardioid Broadcast Microphone, but this will get the job done for a mid-level mic. RØDE Procaster USB Dynamic Cardioid Broadcast Microphone, but this will get the job done for a mid-level microphone with the procaster USB Dynamic Cardioid Broadcast Microphone with the procaster USB Dynamic Cardioid and now they bring that history with them as they dive directly into the Procaster utilizes USB to connect directly to your computer, while the Procaster uses an XLR. To use the Procaster utilizes USB to connect directly to your computer, while the Procaster uses for this mic outside of your podcast with this purchase. RØDE's Procaster, on the other hand, uses XLR cables. Image by RØDE. The Podcaster will be more expensive than the Blue Yeti, and only comes with a USB cable and a ring mount. So, you'll need to purchase either a desktop stand or a studio boom/shock mount to get this production-ready. The RØDE PSM1 shock mount is a solid option for this microphone, as the mic is slightly larger and needs a decently sized mount to hold it. This, of course, will raise the overall cost of choosing this route, so that's something to contemplate. The Podcaster has a headphone output to have zero-latency monitoring, offers excellent sound quality, and doesn't require phantom power. It also has a built-in pop filter. It's a dynamic microphone, so it'll perform well in home studios or any area that's not soundproofed. This is a notch above the Blue Yeti in quality, but the overall cost difference may make the Blue Yeti a better option. Professional Podcaster Microphones Shure SM7b The Shure SM7b is a reliable, sturdy pro-choice. Image by Shure. Widely regarded, supported, and beloved, this microphone might be that it's too good, as it picks up background noise or any plosive sounds that may come up. So, I suggest a friendly, quiet studio setting for this microphone. Also, definitely attach the A7WS windscreen that ships with the mic. This mic is sturdy, built like a tank, has an incredible frequency response of 50 to 20,000 Hz, and has stunning clarity that's awesome, not just for your podcast but for any vocal endeavors. I've owned this mic for about six months now and can honestly say it's the best sounding mic I've ever owned and worth every penny. So, if you need me, I'll be the guy walking around with a "Shure SM7b" fanboy shirt on. Note, however, that there's no shock mount for this microphone. Invest in a pole arm or mic stand if this is the microphone you decide to purchase. Shure SM7b - \$399 HEIL Sound PR-40 Dynamic Studio Microphone HEiL Sound's PR-40 Dynamic Studio mic is sure to make an impression. Image by HEiL. This is an excellent choice for a dynamic mic. It's slightly cheaper than the Shure SM7b, and it's honestly one of the more aesthetically-pleasing microphones to make this list. Doesn't it look like something from a '70s music studio? No? Just me? It features a frequency response of 28Hz to 18kHz and is balanced at 600 ohms. This mic has an available shock mount with the Heil Sound PRSM-B and pairs nicely with the Heil Sound PRSM-B and pa microphone, as well. It would be challenging to feel disappointed by this microphone. Add-Ons: Finish Out Your Podcast Kit Every podcaster's kit needs an excellent pair of headphones. Image by Sony. This industry classic has near-flawless reviews from thousands of people who chimed in with their love and admiration for these headphones. I'm writing this article with a pair of these fabulous large-diaphragm headphones on right now. I'm currently listening to a mix of Sturgill Simpson, Deftones, and Death Grips . . . and they sound better than ever. These headphones don't go entirely around your ears, so that might be a deal-breaker for some, but they're comfortable and offer superb sound quality. Sony MDR-7506 Headphones - \$130 RØDE RØDECASTER Pro This podcast production studio comes complete with four headphone inputs that have customizable volume knobs for each host and four XLR inputs with phantom power. It also houses eight sound pads to program custom sounds, a microSD card slot, a touchscreen, and offers Bluetooth in and out. It even double checks with you when the power button is hit to make sure you want to turn off the mixer, to prevent you from losing any valuable recordings. This machine is incredibly impressive and will take your podcast to the next level. RØDE's all-in-one production studio is invaluable for podcasters of all levels. Image by RØDE. RØDE Procaster Pro - \$599 A Microphone for Every Type of Podcast Setup Let's discuss the different types of podcasts you might pursue and explore some tips for each one. The Solo Podcast Setup Let's discuss the different types of podcasts you might pursue and explore some tips for each one. The Solo Podcast Setup Let's discuss the different types of podcasts you might pursue and explore some tips for each one. The Solo Podcast Setup Let's discuss the different types of podcasts you might pursue and explore some tips for each one. The Solo Podcast Setup Let's discuss the different types of podcasts you might pursue and explore some tips for each one. The Solo Podcast Setup Let's discuss the different types of podcasts you might pursue and explore some tips for each one. The Solo Podcast Setup Let's discuss the different types of podcasts you might pursue and explore some tips for each one. The Solo Podcast Setup Let's discuss the different types of podcasts you might pursue and explore some tips for each one. an XLR from the microphone to an audio interface, then into your computer. Boom, you have a high-level-sounding podcast that can rival the pros. Recommendation: Shure SM7b Two-Person Podcasts Place your podcasters and guests in a way that the microphone to an audio interface, then into your computer. Boom, you have a high-level-sounding podcast that can rival the pros. Recommendation: Shure SM7b Two-Person Podcasts Place your podcasts Place your podcasts. from the solo pod setup, and make sure the two guests are not facing directly across from each other. This will limit the audio bleed of one guest's voice into the other one's mic. Use the USB out to go directly into a computer, thus eliminating the extra cost of the interface. Or, if you're rolling on an extremely low budget, you can use the Blue Yeti. The Yeti records on both sides of the mic. So, in this case, you'd actually want to sit directly across from each other if you use this method. Obviously, it isn't the most professional of settings, but you can make it work for an extremely low cost Recommendation: Blue Yeti Mic Multiple Guests Podcasts For more than two quests, you'll want a mixer to control each mic input level and adjust each person's headphone levels. The RØDECASTER Pro above is an excellent solution for this. Shock mounts will minimize any vibrations that could accidentally find their way into your audio files. I highly recommend using shock mounts if the guests are all sharing one table. I also recommend placing everyone in a curve so the guest's mic. Recommendation: RØDECASTER Pro On-the-Go Podcasts Dynamic mics are hardier than their condenser mic counterparts. Image by Kritidech aromoon. If you're completely run-and-gun, I suggest using the dynamic mic will be durable, more resistant to weather, and won't need any phantom power to operate. On the other hand, if the show takes place in a controlled environment with a table, I'd most likely go with the Blue Yeti. Run a USB out of the Yeti straight into your advantage. Place the side of the mic facing the audience and adjust it to pick them up. A nice room tone/crowd noise will add to the live feeling of your podcast. Recommendation: Samson Q2U with a Zoom H6 Conclusion Starting a podcast is hard enough. Hopefully, this list gives you some context for what some mics have to offer and why you might need specific types of pickup patterns and features. Just remember, the first step is to record the f released over the past few years. Over 280 FREE Sound Effects for Videos, Apps, Podcasts, and More! For more audio recording and general filmmaking advice, tips, and tricks, check out these articles: Cover image via Jacob Lund.

