



SNS COLLEGE OF ENGINEERING

(Autonomous)

DEPARTMENT OF MECHANICAL ENGINEERING



CONSUMER ELECTRONICS



Guess Today's Topic????





GUN MICROPHONE



A shotgun microphone is a type of microphone that is frequently used in film and TV production as well as vlogs and, sometimes, YouTube videos. Shotgun mics are highly directional, which means that they can pick up sound from a specific direction while filtering out background noise. This makes them ideal for use in noisy environments, such as crowded streets or busy restaurants.





GUN MICROPHONE



When using a shotgun microphone, it's important to follow these tips:

1. Point the mic directly at the sound source
2. Ensure the mic is as close to the source as possible without being in the way





GUN MICROPHONE



If the boom mic is too far away, the sound will be faint and difficult to understand. If the mic is too close, it will pick up too much of the surrounding noise. Shotgun mics can be mounted on boom poles or placed on stands, depending on the needs of the production. They can also be handheld, although this is less common. With proper care and handling, shotgun mics can provide years of reliable service.





GUN MICROPHONE



There are three main types of shotgun microphones:

- Short shotgun
- Long shotgun
- Super shotgun

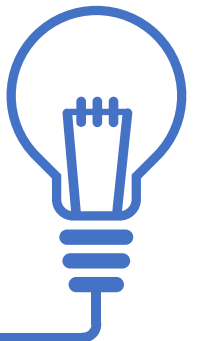




GUN MICROPHONE



Short shotgun microphones are best for close-up shots, while long shotgun microphones are better for long-range shots. Super shotgun microphones are the most powerful type of shotgun mics and can be used for both close-up and long-range shots. No matter what type of shotgun microphone you choose, make sure it is properly mounted on your camera to ensure the best possible audio quality.





GUN MICROPHONE



SHOTGUN MICROPHONE USES

We've touched on when you should use a shotgun microphone briefly, but here are some example scenarios where it would be beneficial to use a shotgun microphone as opposed to another microphone type:

LIVE EVENTS

Shotgun mics are great to use at live events where there is a lot of ambient noise and noise from people nearby. If you need to record someone at a busy live event, shotgun mics are useful as they allow you to focus on the person in front of the mic and don't pick up on extra noise.





GUN MICROPHONE



INTERVIEWING & RECORDING IN CROWDED SPACES

Shotgun mics pick up sound in only one direction, so if you need to record or interview someone at a train station, airport, store, etc., you're able to without having to worry about unwanted background noise drawing out your subject's voice. It also helps once you are in the sound editing stages as it becomes easier to distinguish sounds that aren't needed and focus on the sounds that matter.





GUN MICROPHONE





*Thank
you*

