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(plosive)

'P', 'B'



Low-cut

A low-cut (or high-pass) filter is designed to remove low frequencies from an audio signal. When built into a microphone preamp or microphone, this filter generally eliminates low-frequency sounds, reducing unwanted vibrations or rumble. It is commonly used in scenarios such as voice recording and live music performances.

A low-cut filter is also useful for addressing plosive issues that occur when the microphone is placed too close to the speaker. Plosives are caused by intense low-frequency energy from sounds like "P" and "B," but using a low-cut filter can remove these excessive low-frequency components, helping to maintain clear sound quality.

Additionally, a low-cut filter is effective in reducing handling noise, which occurs when a microphone is held or moved. Handling noise, especially with handheld or mobile microphones, can degrade recording quality due to low-frequency vibrations. By using a low-cut filter, these handling noises can be minimized, resulting in clearer audio.



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