

Differences Between CK31, CK32 and CK33 Capsules

Question:

What are the differences between CK31, CK32 and CK33 capsules?

Answer:

They are different in their polar patterns which is noted with the appropriate drawing above the capsule name.



A polar pattern defines how much of the signal will be picked up by the microphone from different directions.

These capsules are integrated into a rugged metal housing and fits any mounting module of the DAM Series.

To prevent contact problems the capsule is equipped with large-area, self-cleaning, gold-plated contacts with deep threads to prevent misalignment and ensure extra-long life.

<p>CK31</p> <p>Material number: 2765H00200</p>	<p>Cardioid</p>	<p>a microphone having approximately uniform response over 180 degrees in front and minimum response in back, a polar curve representing its directional response being a cardioid.</p>
<p>CK32</p> <p>Material number: 2765H00210</p>	<p>Omnidirectional</p>	<p>microphones that pickup sound with equal gain from all sides or directions of the microphone. This means that whether a user speaks into the microphone from the front, back, left or right side, the microphone will record the signals all with equal gain.</p>
<p>CK33</p> <p>Material number: 2765X00220</p>	<p>Hyper-Cardioid</p>	<p>A hyper-cardioid microphone has a very directional hyper-cardioid polar/pick up pattern. It is most sensitive to on-axis sounds (where the mic “points”) with null points at 110° and 250° and a rear lobe of sensitivity. Hyper-cardioid mics are popular in film due to their high directionality.</p>

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