

Directionality

Omnidirectional

Unidirectional



Description

Picks up sounds equally from all directions. It will pick up sound from above, below, in front of, behind and to the side of the mic in a 360° sphere.

Pros:

Can pick up voices from several directions as long as voices are equally loud and equidistant from the mic. A good choice for interviews.

Little or no proximity effect.

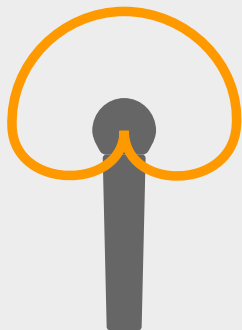
Cons:

May pick up undesired room noise or reverberation.

Can produce feedback when fed through a PA.

Omnidirectional

Unidirectional



Description

Rejects sound coming from behind the mic while picking up sound from the front.

Unidirectional mics, listed from widest to narrowest pickup angle: cardioid, supercardioid and hypercardioid.

Pros:

More desired sound (and less undesired sound).

Less susceptible to room reverb and feedback problems.

Cons:

Mic position is important. Users must learn to stay "on mike".