

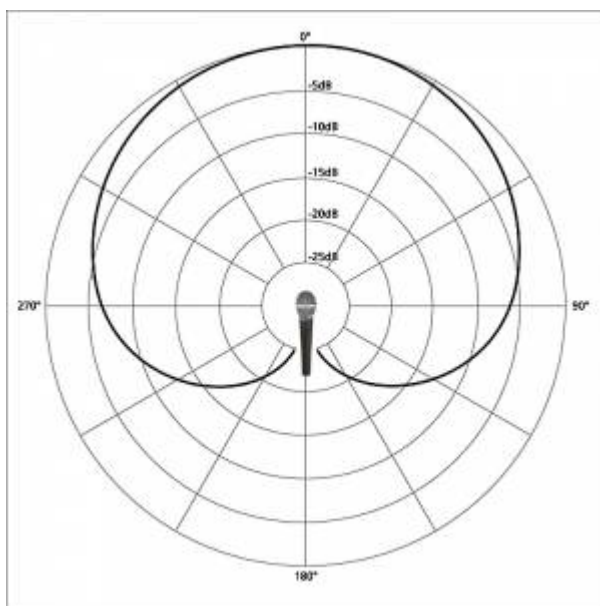
Polar Patterns

Cardioid

Cardioid mics have great rejection to the back of the mic. They are great for keeping extra noise from the stage out of the mic.

Microphones with this pattern include:

- [SM58](#)
- [SM57](#)
- [KSM8](#)
- [E835](#)
- [SM137](#)

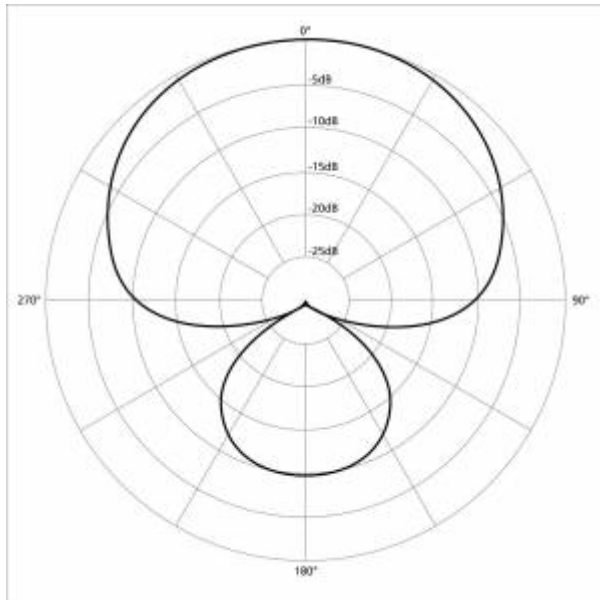


Super-Cardioid

Super-Cardioid has more rejection than the Cardioid but develops a small lobe directly to the back of the mic.

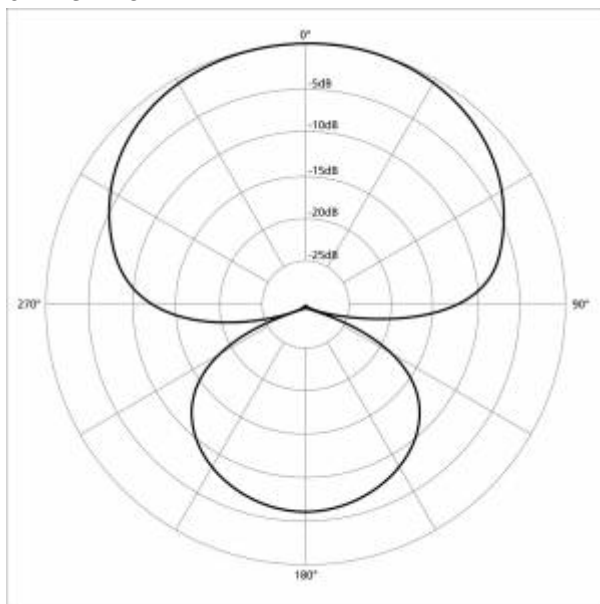
Microphones with this pattern include:

- [Beta 52A](#)



Hyper-Cardioid

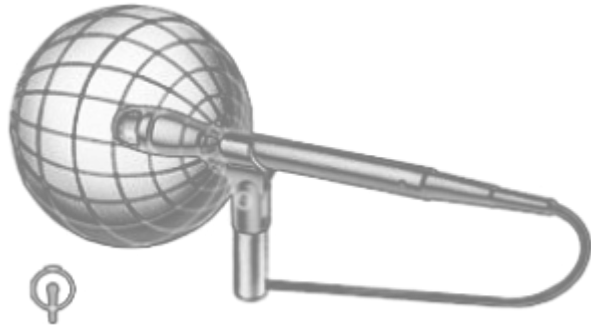
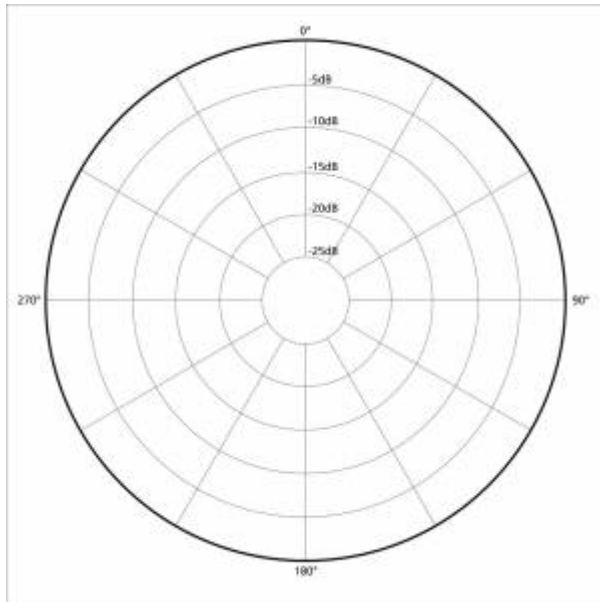
Hyper-Cardioid has even more rejection than the Super-Cardioid but also has a larger lobe to the back of the mic.



Omnidirectional

Omnidirectional mic pick up equally around the entire mic.
Microphones with this pattern include:

- [DPA d:fine](#)
- KSM137
- SM81



Additional Resources

Pattern Source

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