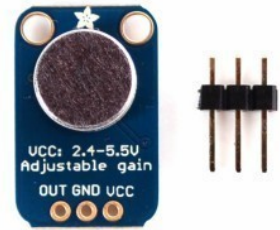




PRODUCT NAME : Electret Microphone
Amplifier - MAX4466 with Adjust
able Gain

PRICE : Rs 1,049.00
SKU : RM3145



DESCRIPTION

Electret Microphone Amplifier can be used to add an ear to your Raspberry Pi project! This fully assembled and tested board comes with a 20-20KHz electret microphone soldered on. For the amplification, it utilises the Maxim MAX4466, an op-amp specifically designed for this delicate task! The amplifier has excellent power supply noise rejection, so this amplifier sounds really good and isn't nearly as noisy or scratchy as other mic amp breakouts we've tried! This breakout is best used for projects such as, audio, audio , and that use FFT.

On the back, there's an integrated small trimmer pot to adjust the gain. You can set the gain from 25x to 125x. That's down to be about 200mVpp (for normal speaking volume about 6" away) which is good for attaching to something that expects 'line level' input without clipping, or up to about 1Vpp, ideal for reading from a microcontroller ADC. The output is rail-to-rail so if the sounds gets loud, the output can go up to 5Vpp!

