

Simple Electret Mic Preamp

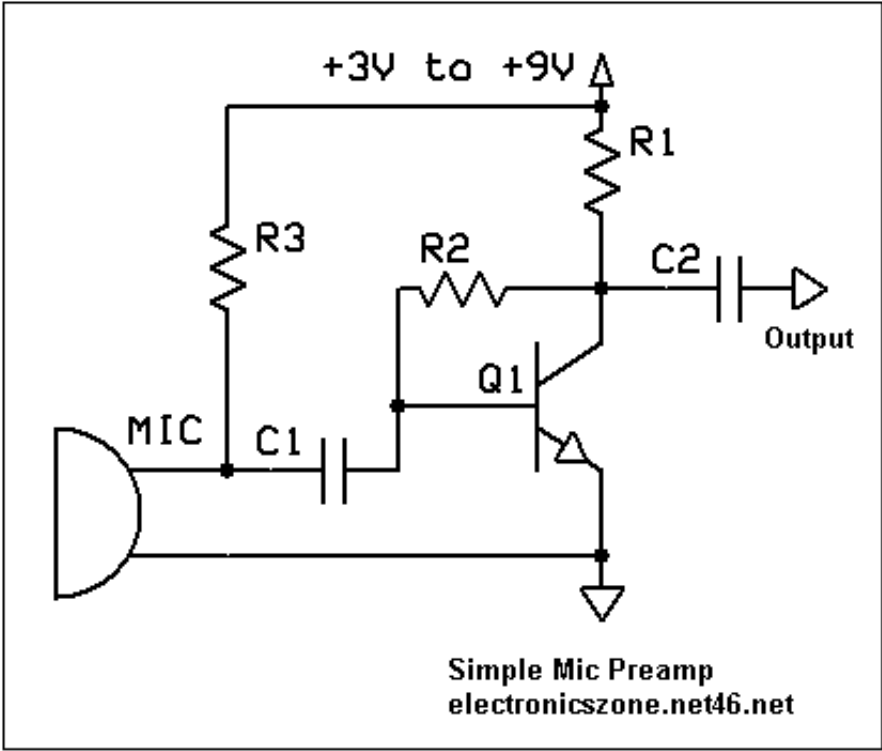
posted by **Cam on** *Mon, 08/22/2011 - 17:00*

Description

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This simple circuit will allow you to convert an electret mic signal into a dynamic mic signal. This is usefull when you need to plug a computer microphone into a stereo or mixer. Since electret microphones require power, this circuit supplies power to the microphone and amplifies the signal.

Circuit Diagram



Parts List

Part	QTY	Description	Value
R1,R3	2	1/4W 5% RESISTOR	10K
R2	1	1/4W 5% RESISTOR	100K
C1,C2	2	CERAMIC CAP	0.1uF
Q1	1	NPN TRANSISTOR	2N3904
MIC	1	ELECTRET MICROPHONE (or 3.5mm jack for connection)	