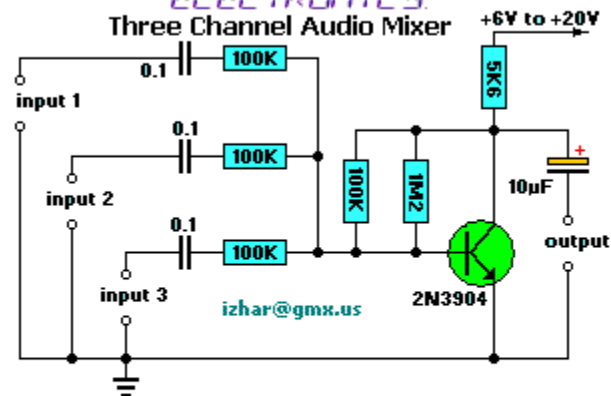


Three Channel Audio Mixer



Description

Above schematic is for a three-channel audio mixer that will provide an overall gain of one between the output and each input channel. Each input channel includes a single 0.1 uF capacitor and a 100-kilohms resistor, to provide an output impedance of 100k. The number of input channels to this audio mixer can be increased by adding more capacitors and resistors with the same values as C1 and R1. The mixer should be located between the output of the tone-control circuitry and the input to the power amplifier. One input should be taken from the output of the tone-control circuit, and the other inputs should either be grounded or taken from the desired source.