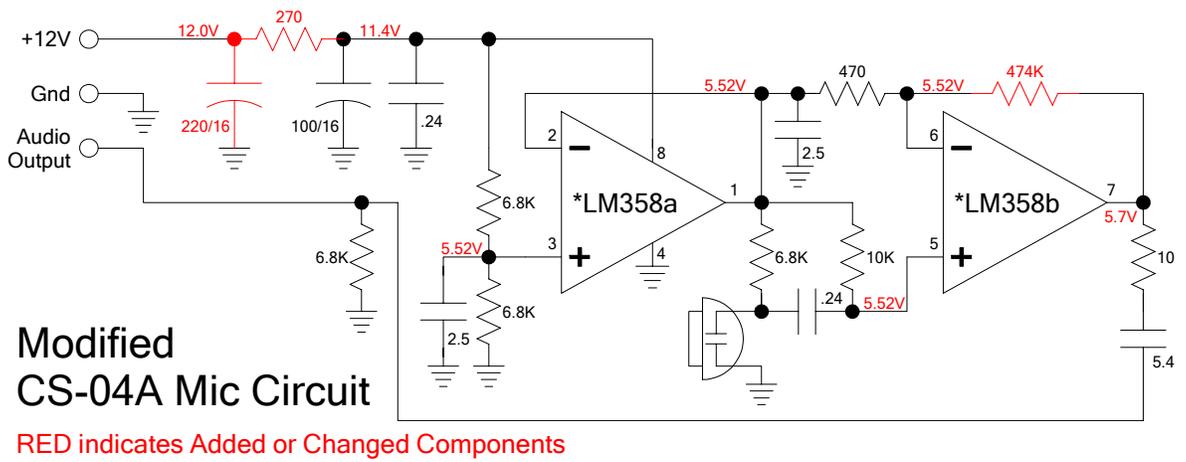
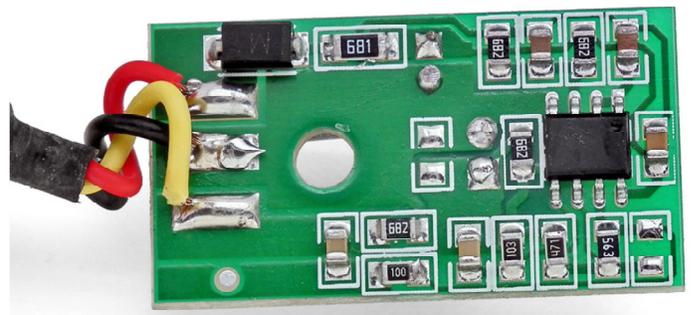
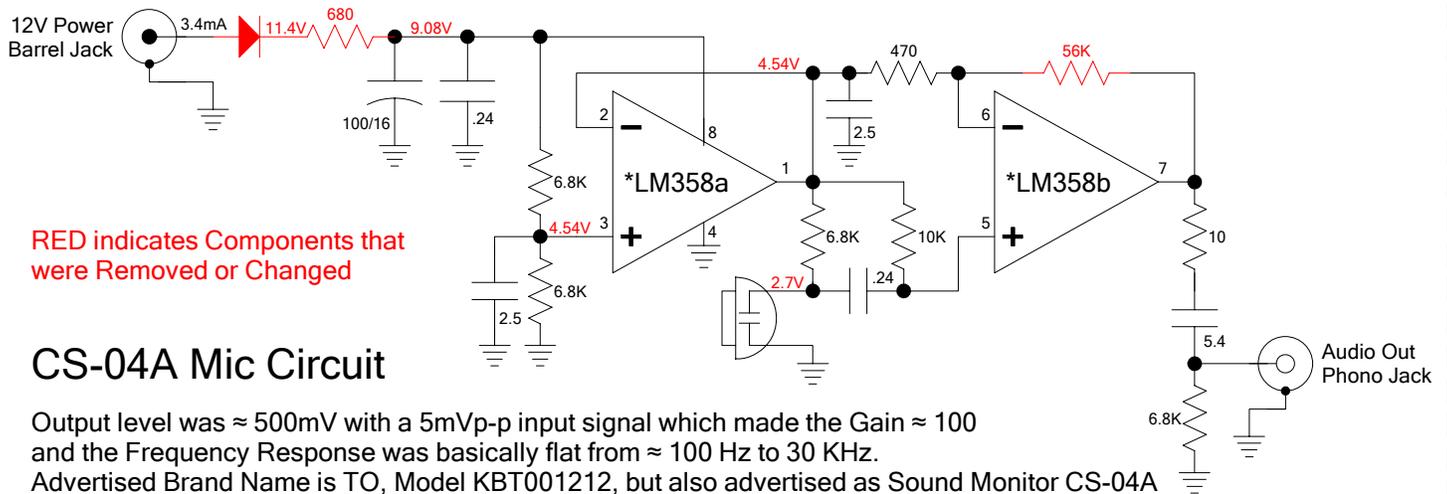


# CS-04A Electret Mic

Dec 18 / 2015

Product ID: 32351386424 for \$2.95 w/ free shipping from AliExpress Store: Ton-Top



After replacing the 56K feedback resistor on LM358b with a 474K resistor the Maximum Output was  $\approx 4.41\text{ Vp-p}$  at  $\approx 800\text{ Hz}$ , Gain was  $\approx 950$ , 1dB Frequency Response was from  $\approx 150\text{ Hz} - 3.8\text{ KHz}$ , 3dB Frequency Response was from  $\approx 76\text{ Hz} - 7.1\text{ KHz}$  & 6dB Frequency Response was from  $\approx 17\text{ Hz} - 12.2\text{ KHz}$ .

This mic would sound better with less low freq response when used for a security camera. Less low freq response would also help filter out wind noise. This drawing will be updated with the required changes if and when I ever modify the response.