Gain:

The Gain can be set with the Potentiometer in series with R1.

$R_2 := 27000$ Ohm $R_1 := 470 + 0$ Ohm 0% Potentiometer

$V_U := 1 + \frac{R_2}{R_1} = 58.447$ $V_{UdB} := 20 \cdot \log\left(V_U\right) = 35.335$ dB

$R_2 := 27000$ Ohm $R_1 := 470 + 10000$ Ohm 100% Potentiometer

$V_U := 1 + \frac{R_2}{R_1} = 3.579$ $V_{UdB} := 20 \cdot \log\left(V_U\right) = 11.075$ dB

Active Filters:

Can be found in Excel Calculations!
Lower Cut Off Frequency is around 300Hz.
Upper Cut Off Frequency is around 3kHz.