

INTRODUCTION

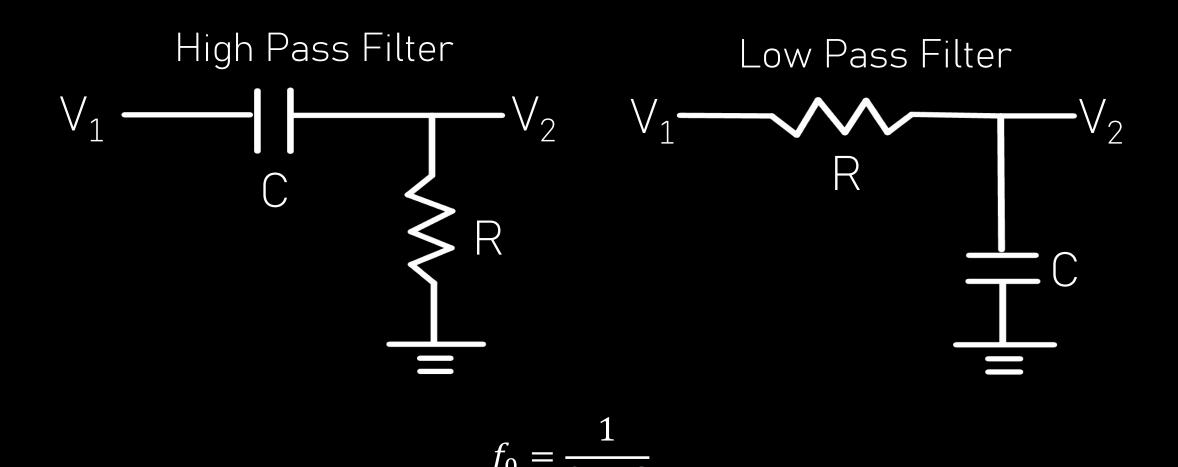
I've loved music since I was young, particularly DJ sets and mixes

Always wondered how artists would change the music with the devices they have

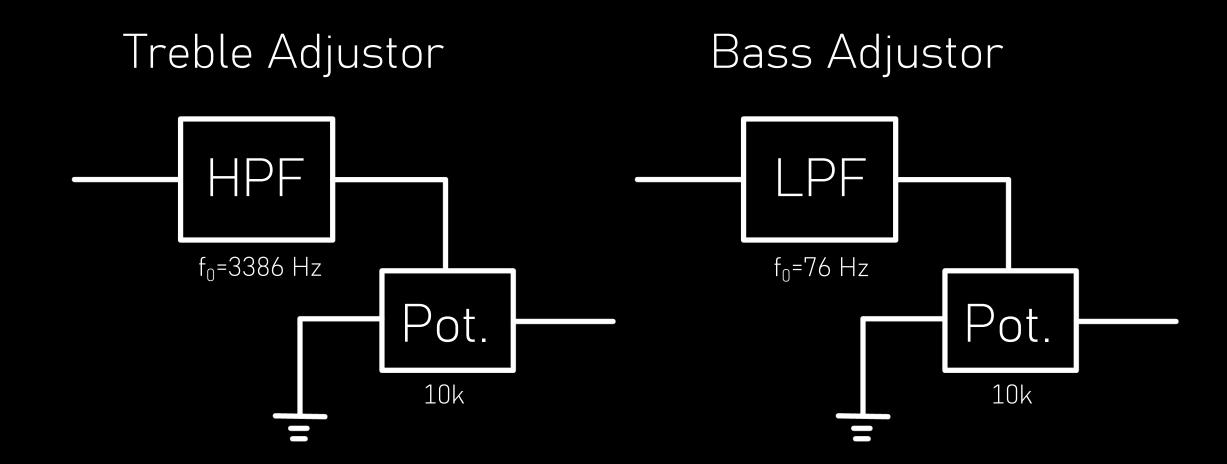
Graphic Equalizers are the easiest and most frequently used device to mix music

Allow the user to change the gain of frequency bands

BASIC BUILDING BLOCKS

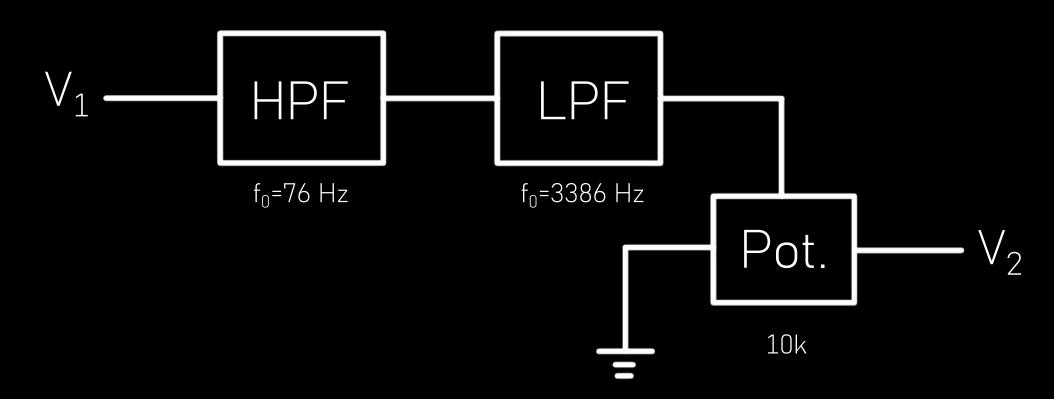


FILTER SCHEMATICS

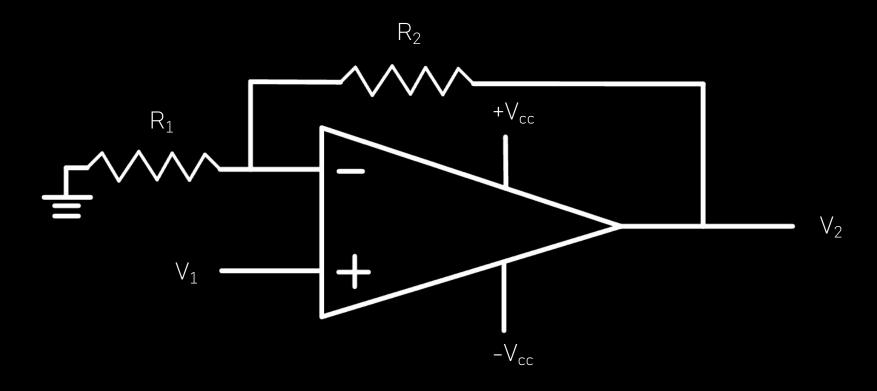


FILTER SCHEMATICS

Band Pass Adjustor



SOLVING THE GAIN PROBLEM



 $Gain=R_2/R_1+1$

COMPLETE BLOCK DIAGRAM

