

▶ 1.2

clip -1. 1.

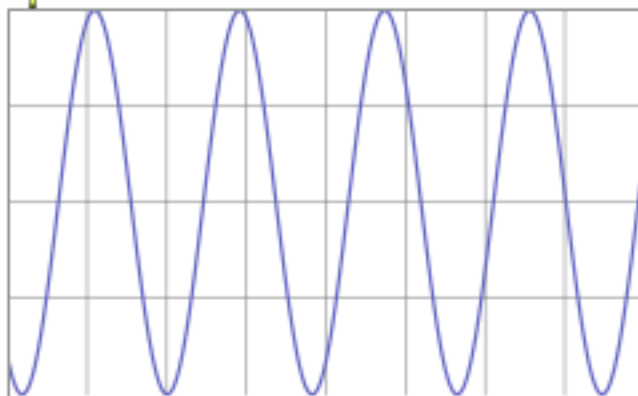
▶ 1.

Man kann mit clip Zahlen beschränken.

zwischen -1 und 1

distortion= Übersteuerung mit Beschränkung

cycle~ 440



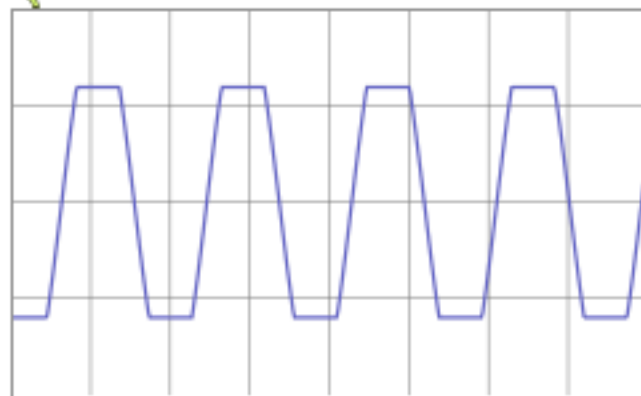
cycle~ 440

1.

Verstärkung

*~ 1

clip~ -0.6 0.6



Für Max 5 benutzer:

0, 2000 2000

line~

play~ guitar

start

play~ guitar

5.

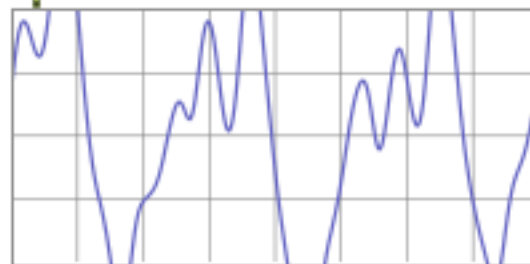
*~ 1

clip~ -0.6 0.6

buffer~ guitar guitar.wav



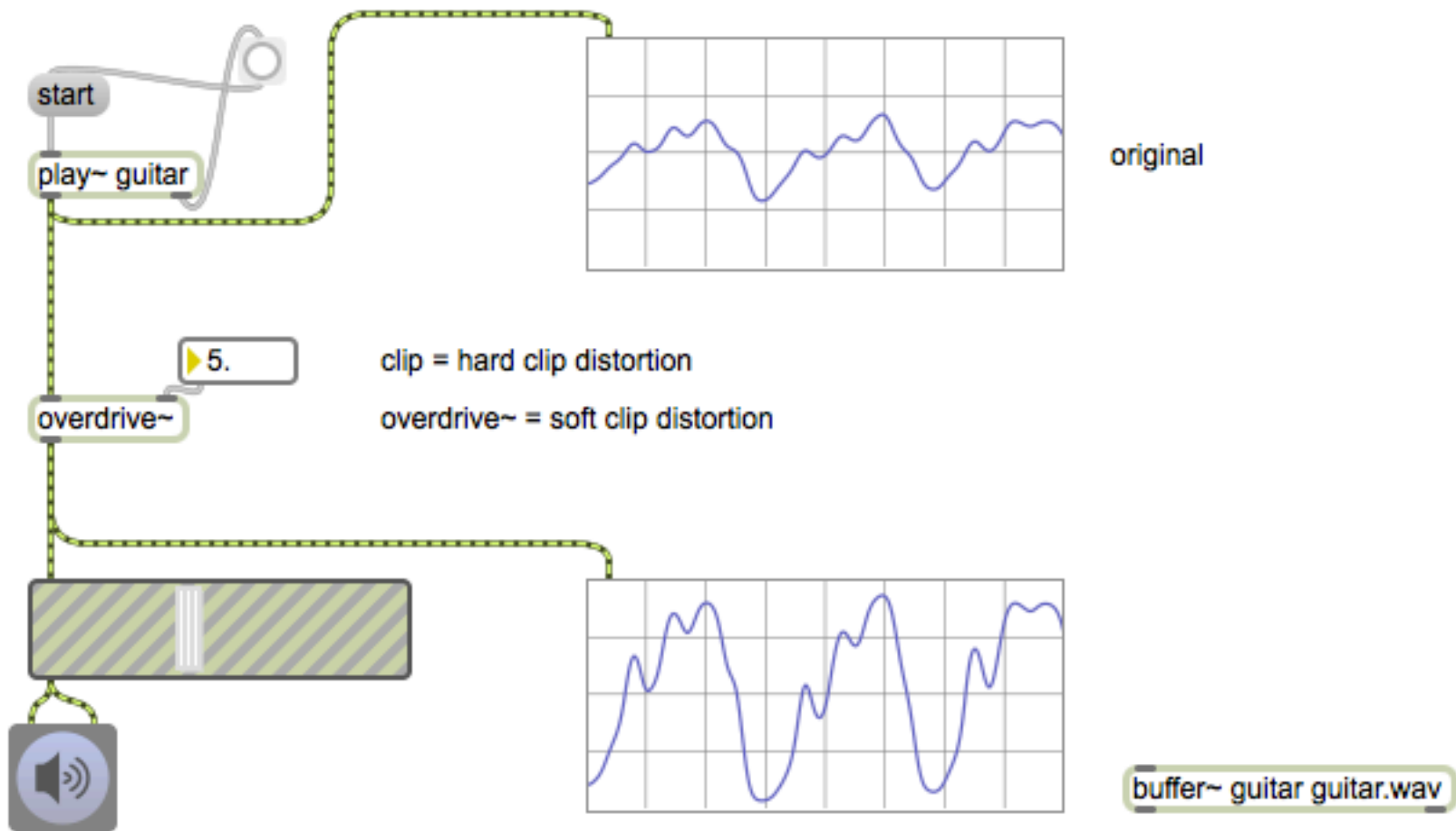
original

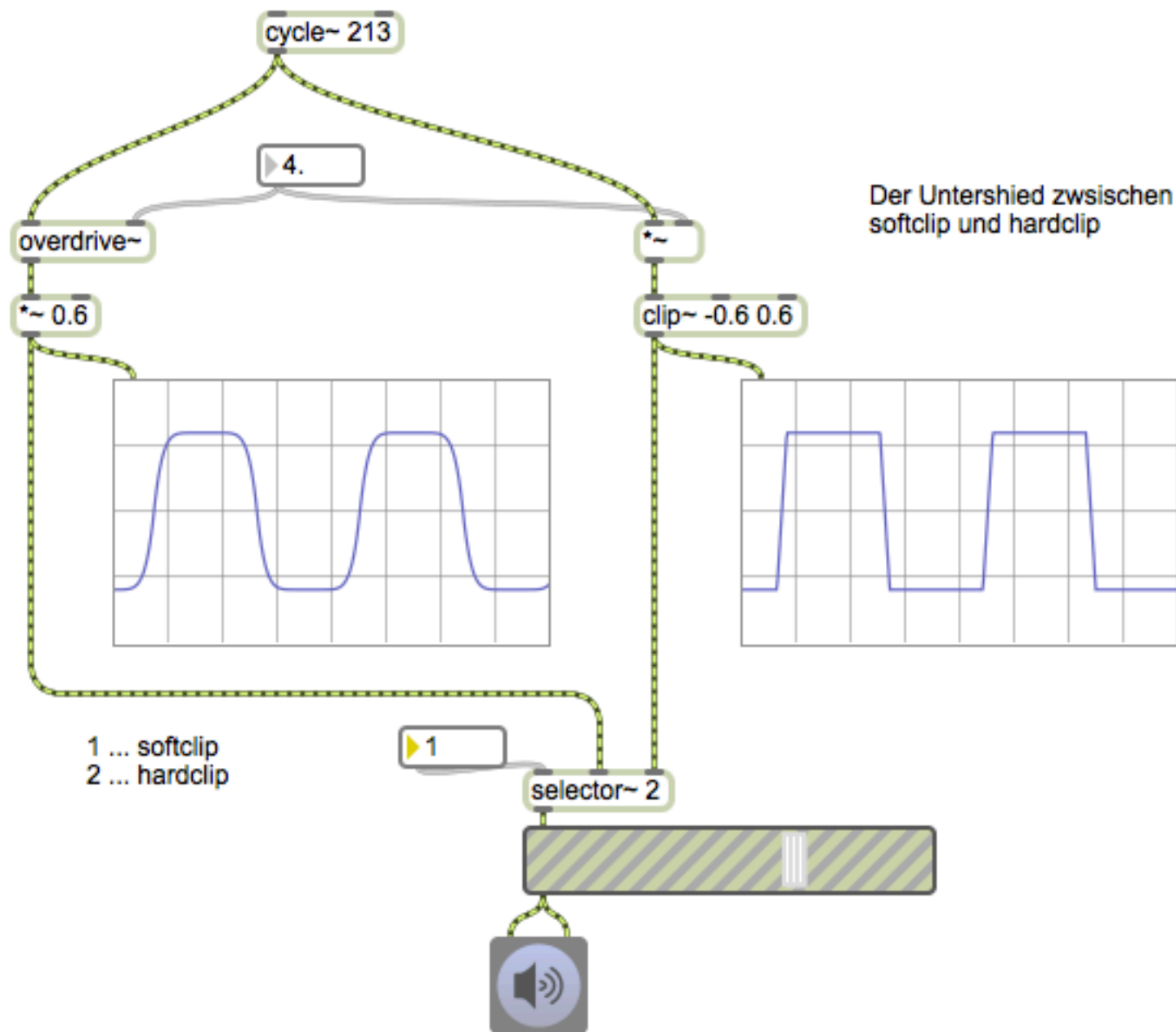


verstärkt



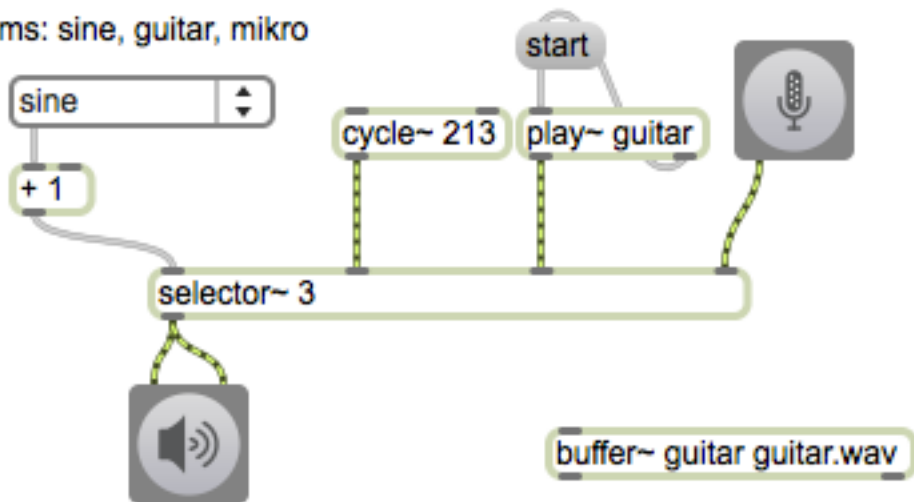
mit Beschränkung

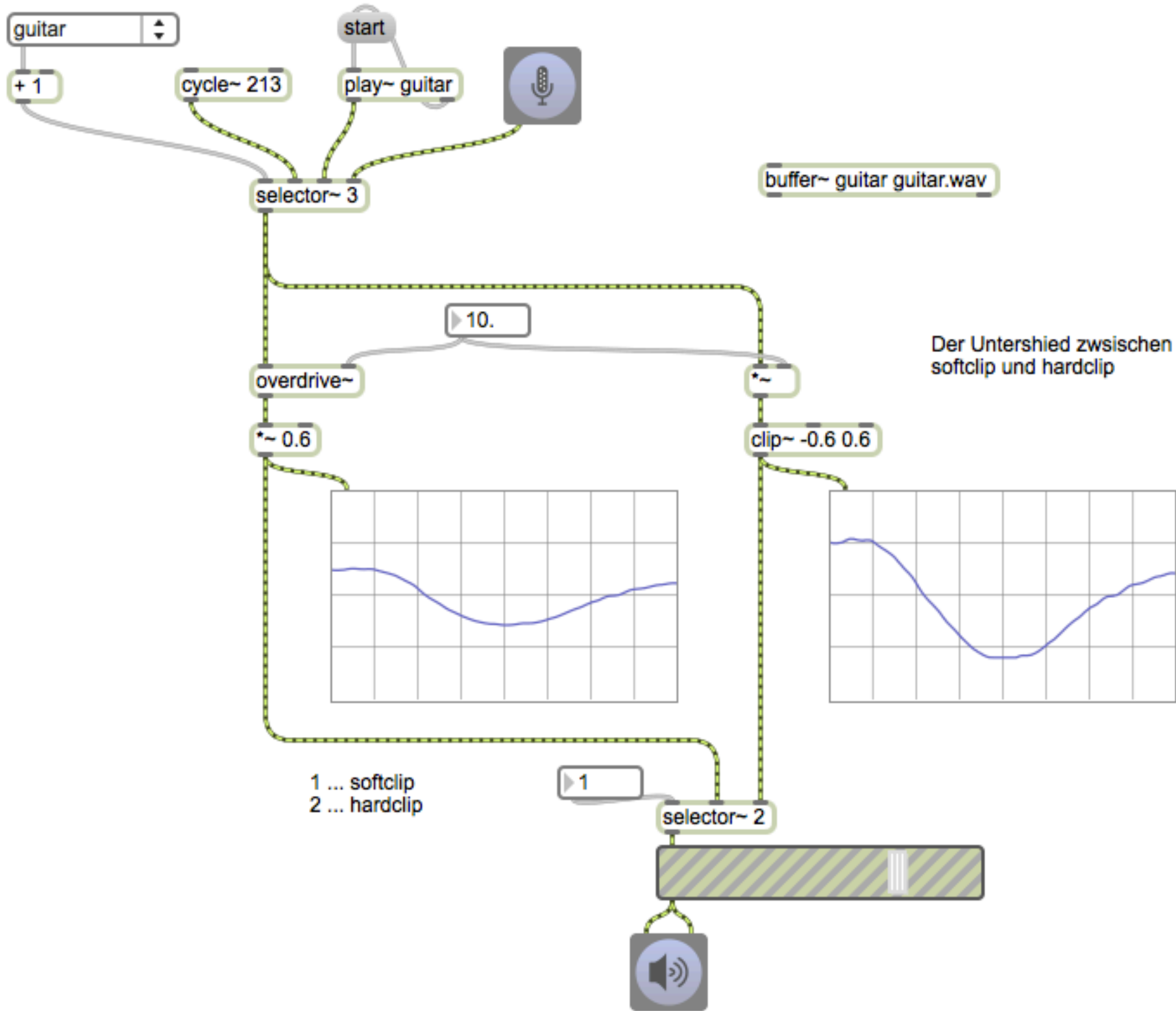


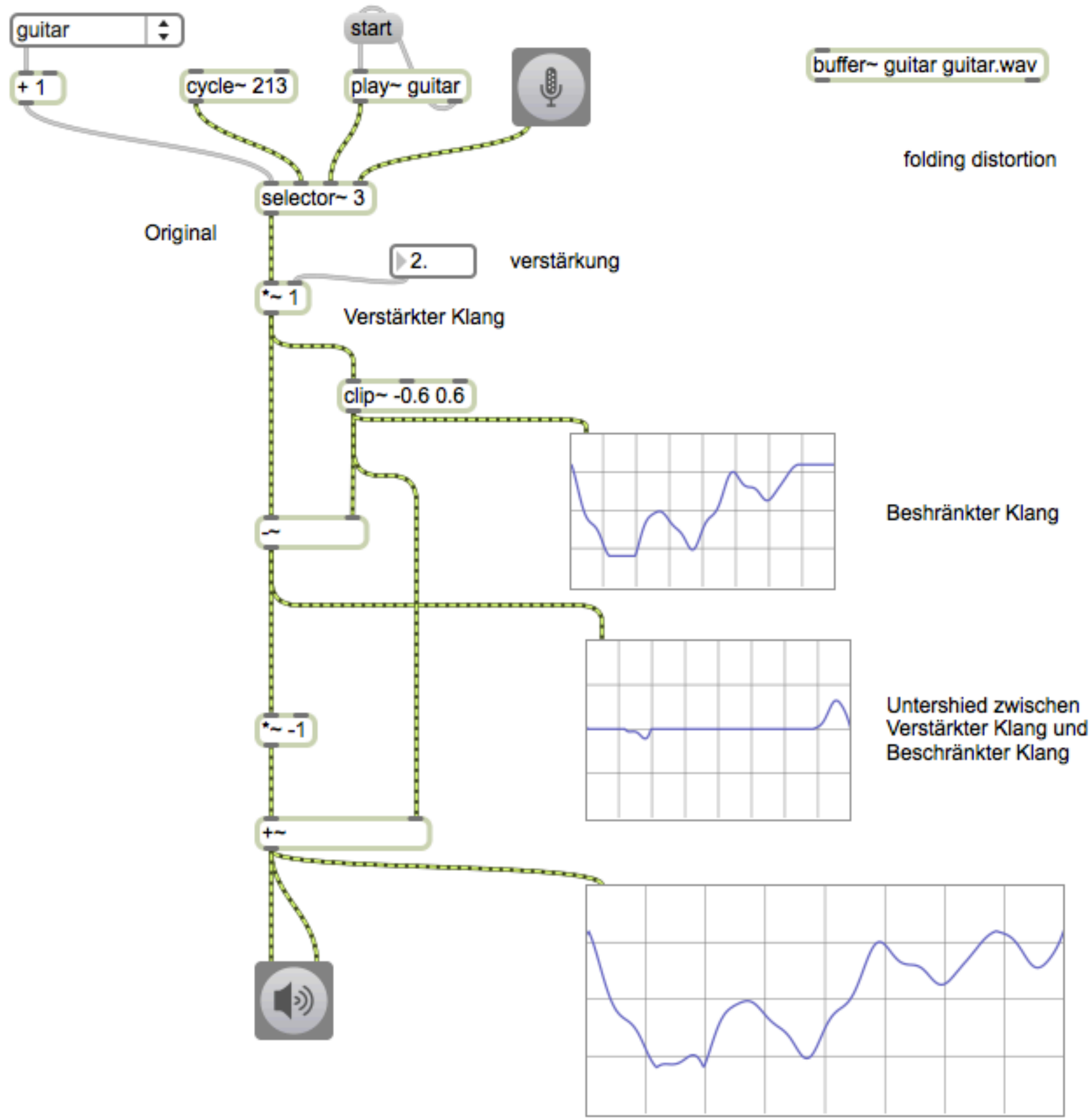


Menu Items: sine, guitar, mikro

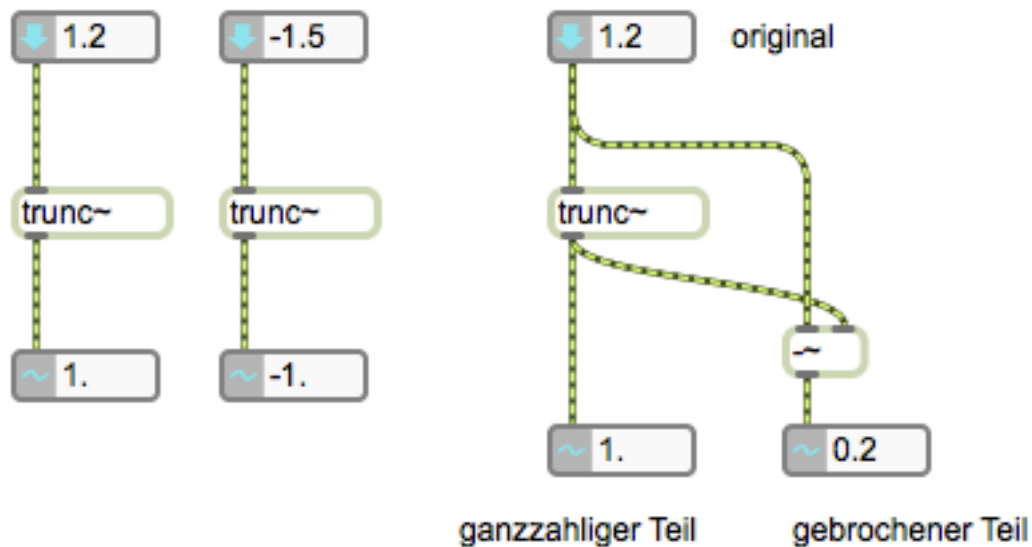
umenu

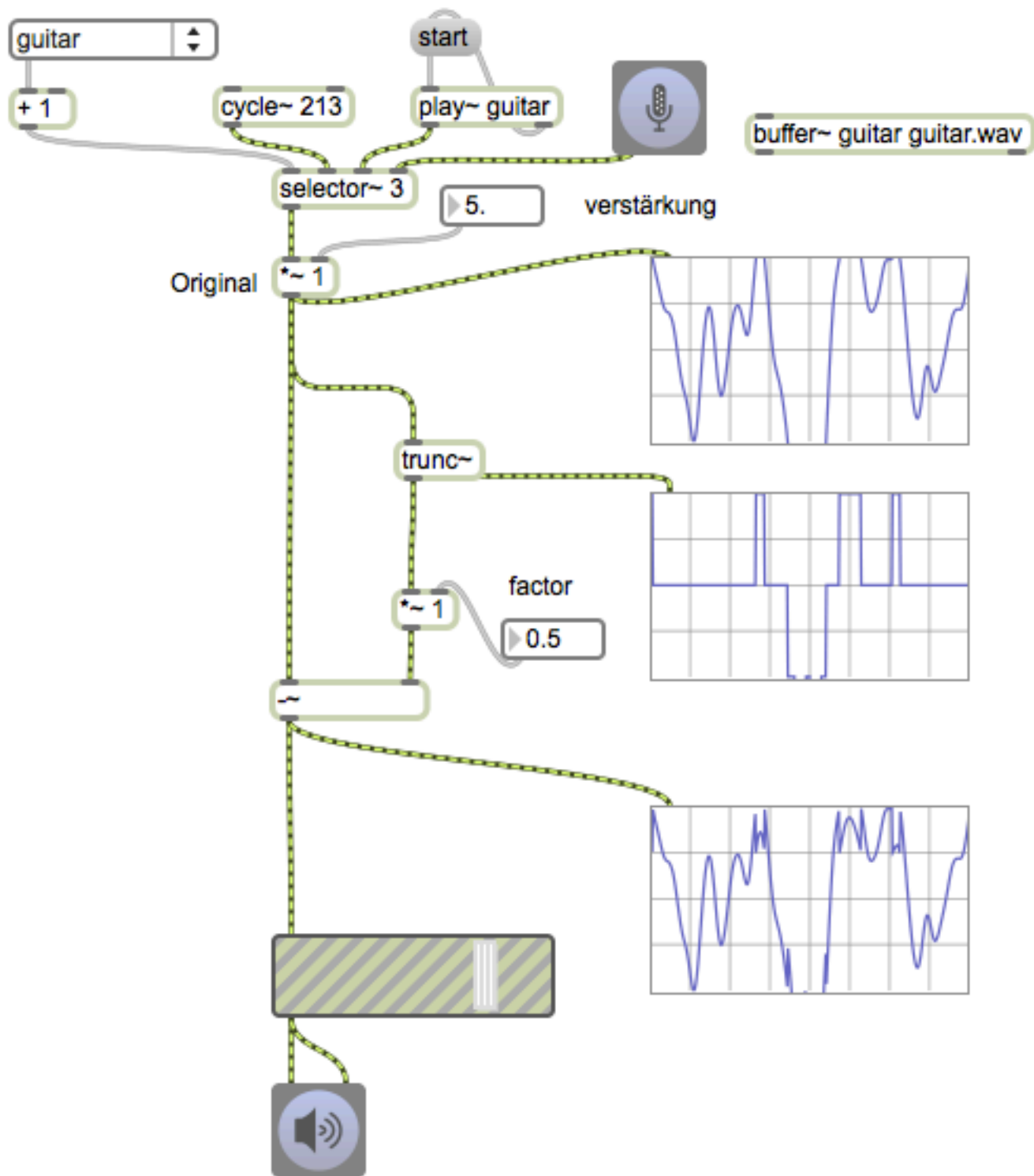




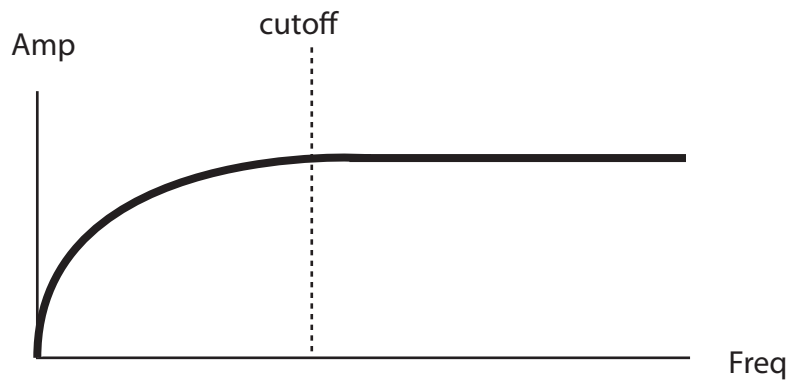


trunc = Trunkierung

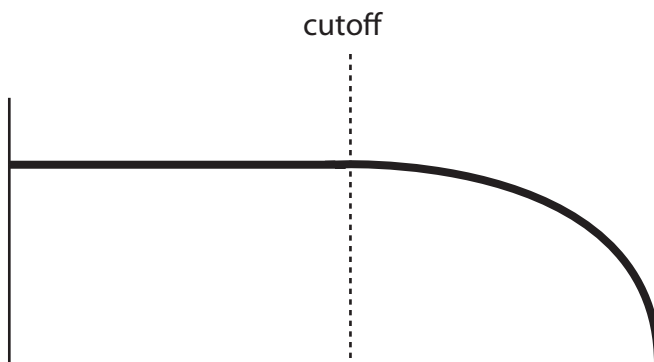




high pass filter

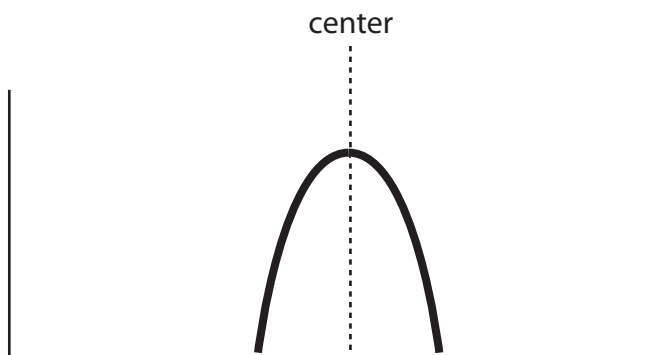


low pass filter



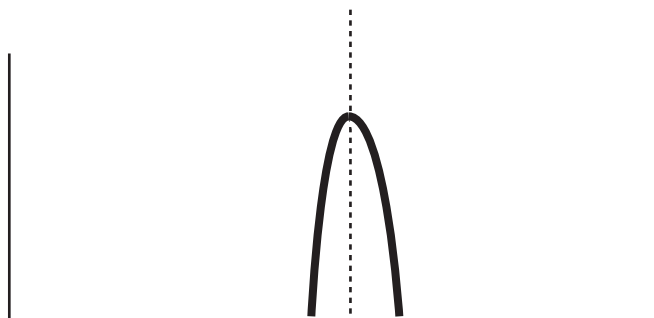
band pass filter

tiefer Q-Wert

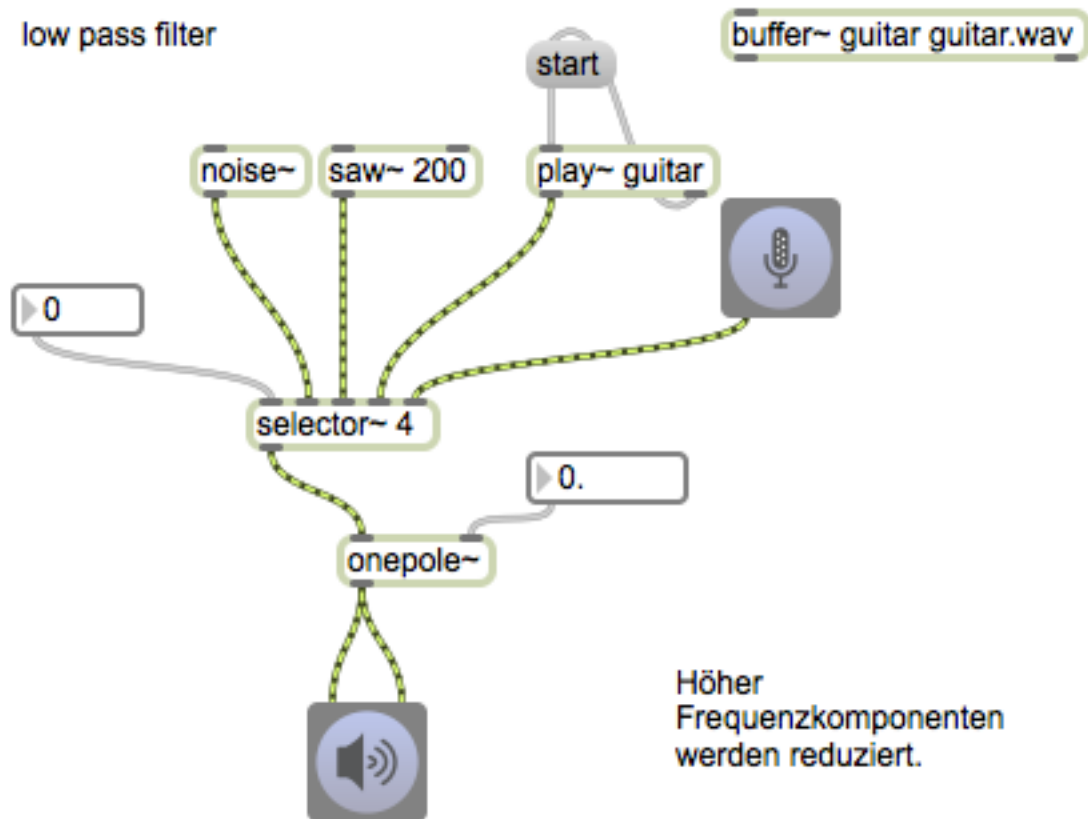


band pass filter

hoher Q-Wert

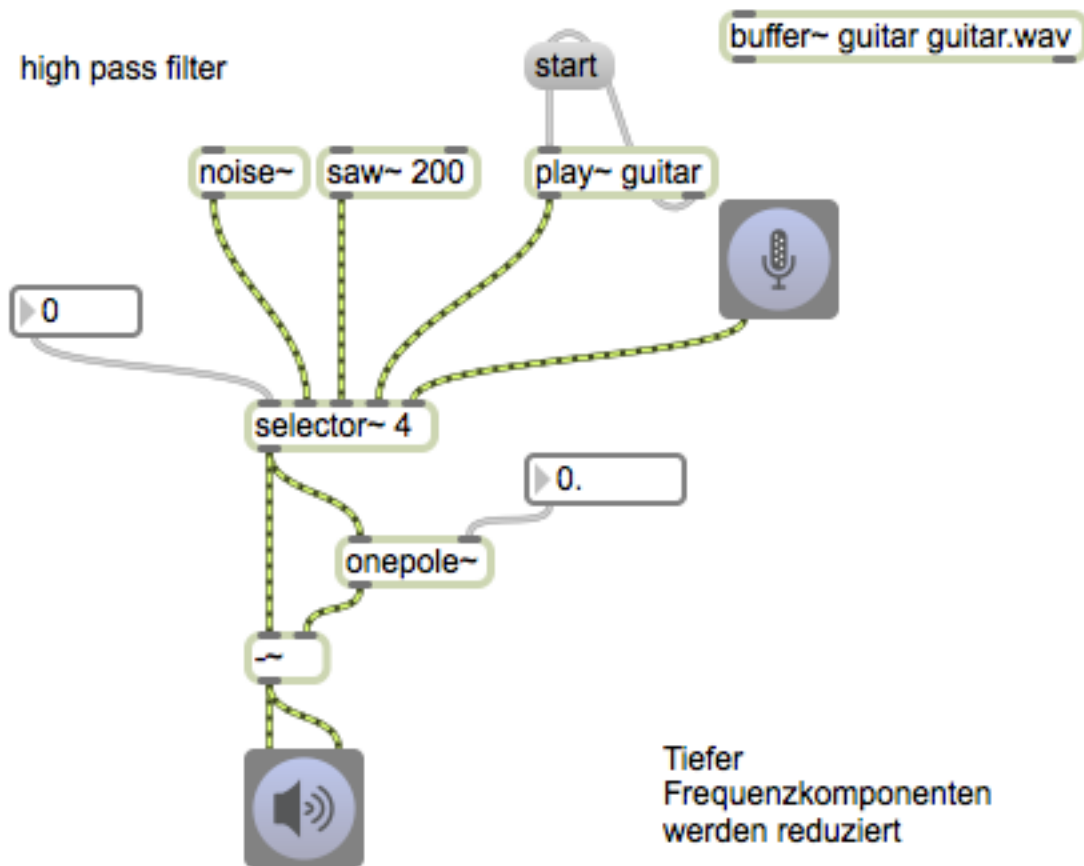


low pass filter

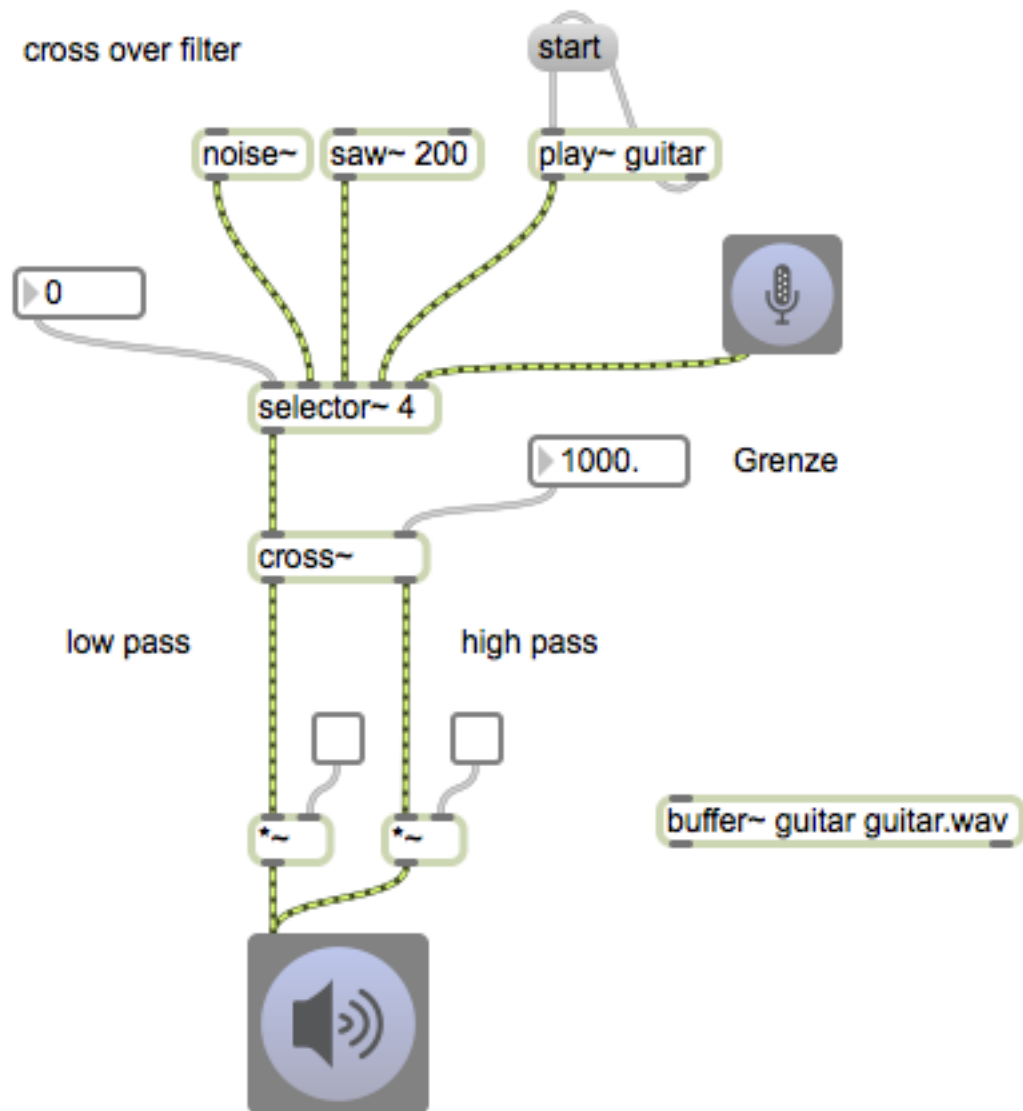


Höher
Frequenzkomponenten
werden reduziert.

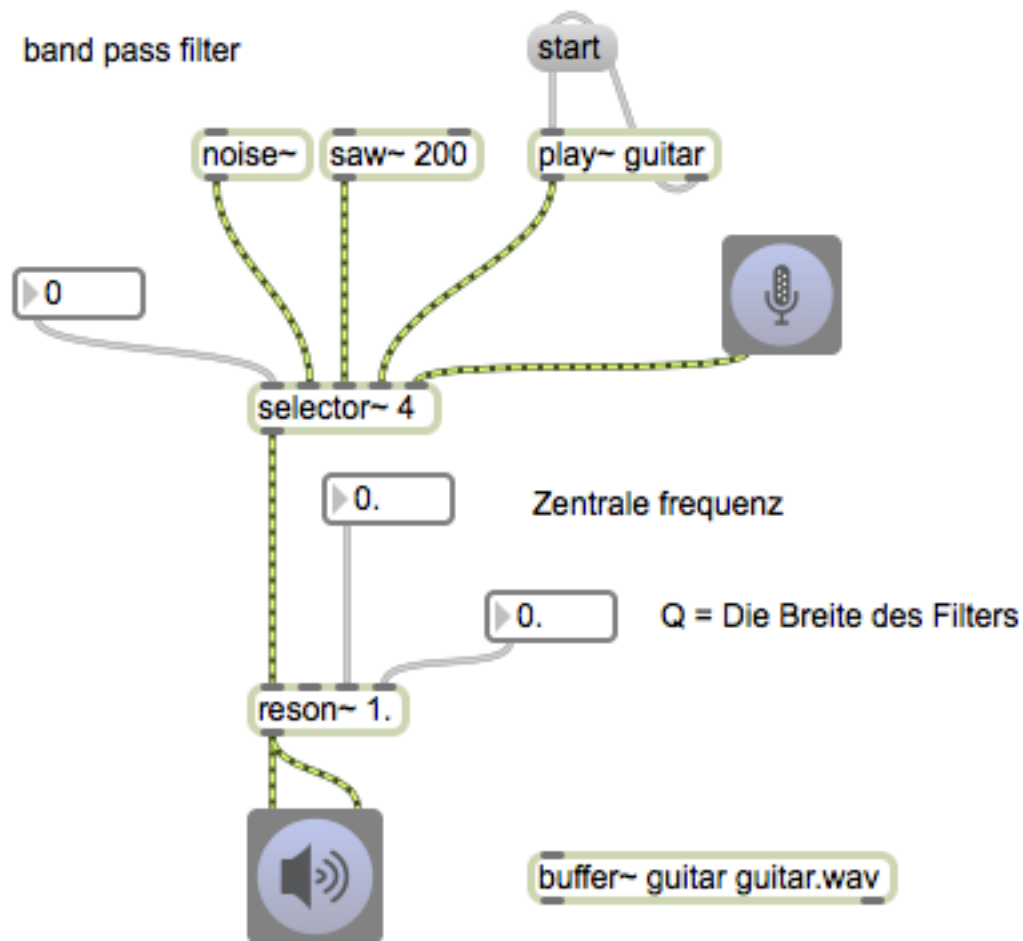
high pass filter



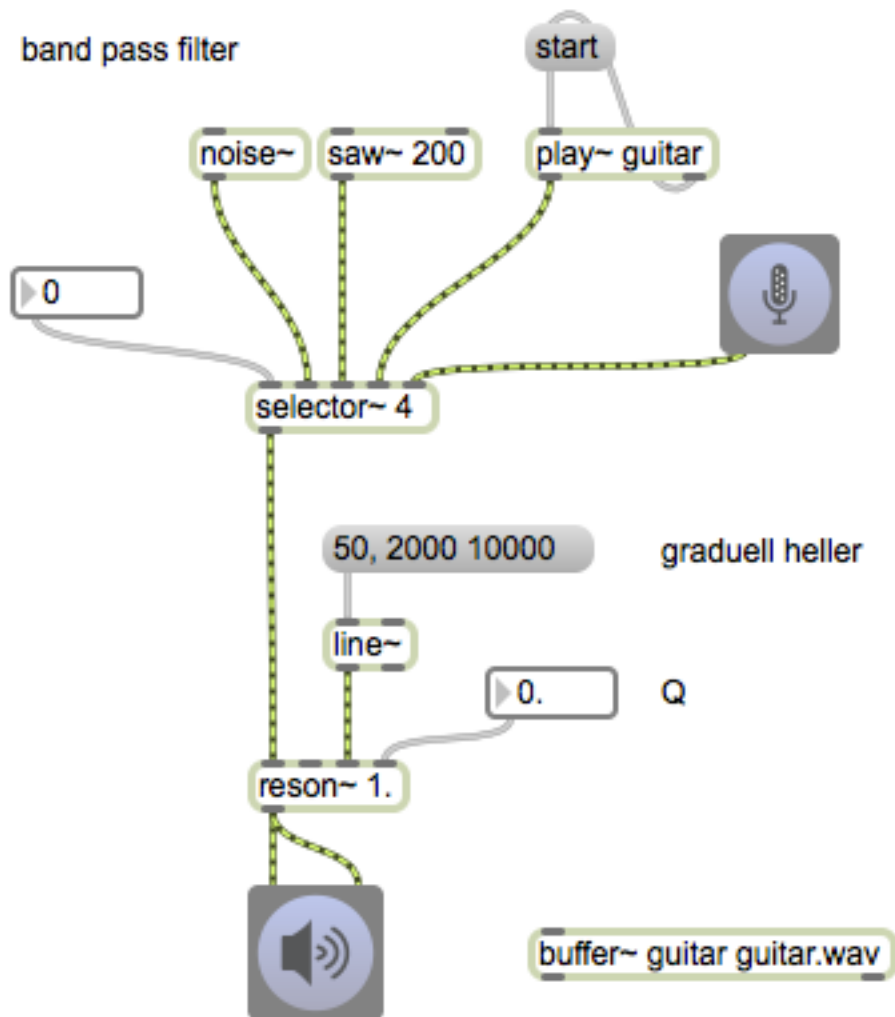
cross over filter



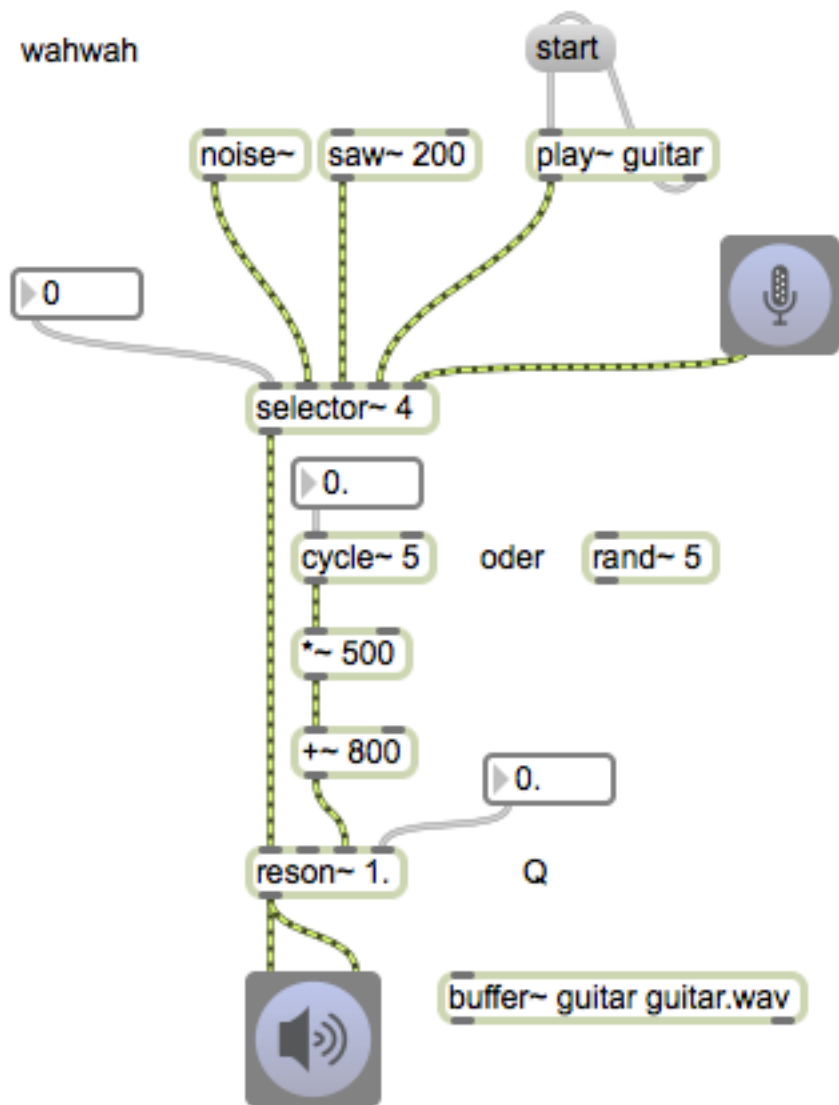
band pass filter



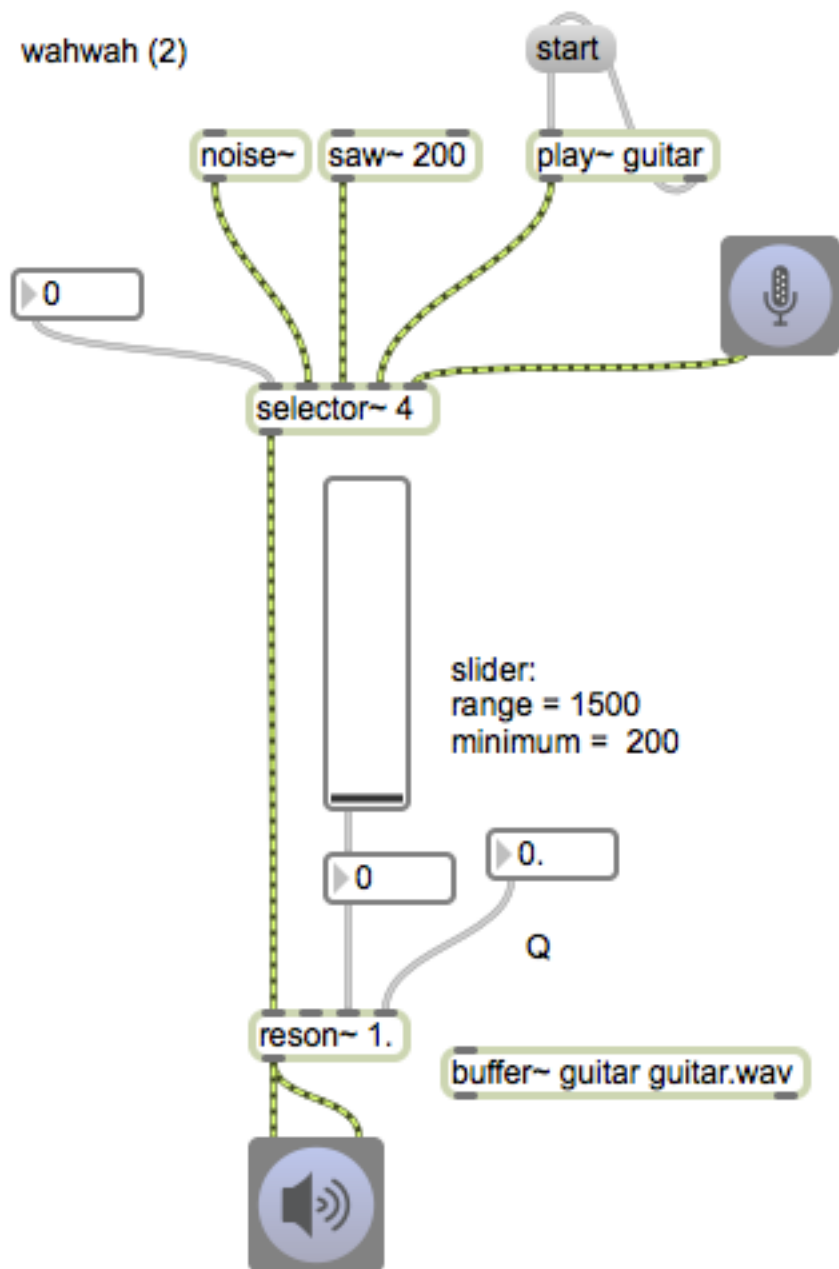
band pass filter



wahwah



wahwah (2)





Analyse der Lautstärke

abs~

average~ 1024

~ 0.001

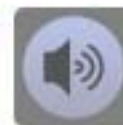
Die Lautstärke
deiner Stimme

oder



average~ 1024 absolute

~ 0.001

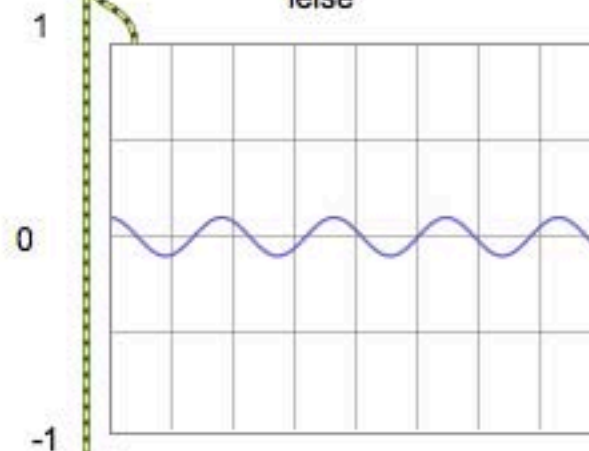
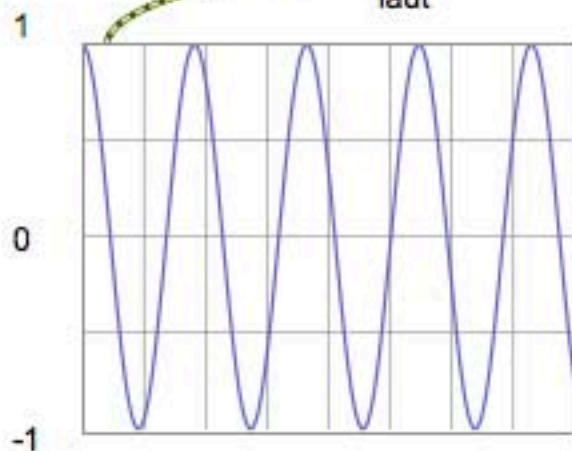


cycle~ 440

*~ 0.1

laut

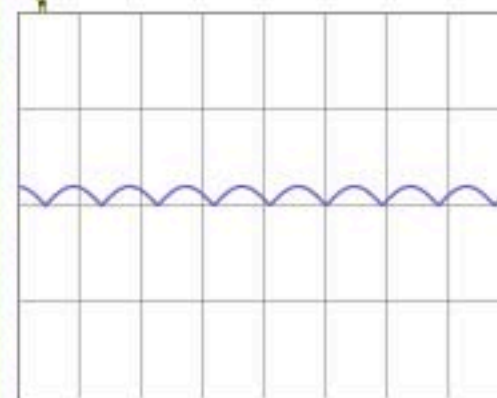
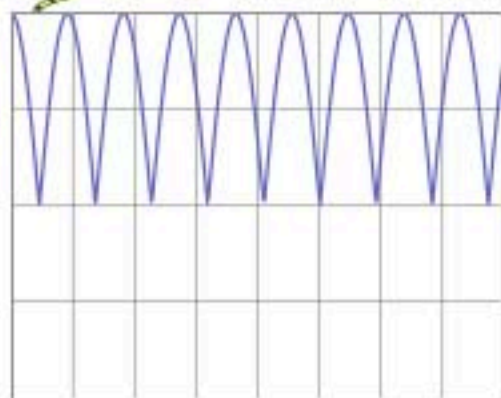
leise



abs~

abs~

alle negative Zahlen
werden positiv



average~

average~

0.637

0.064

wahwah (3)

