Inferior Sound

Plugin
Manual

1   Overview

ParEq is a parametric EQ with five bands consisting of peak and shelf filters as well as an additional low cut and high cut filter. All bands are independent and provide parameters for gain (-24 dB to +24 dB), frequency (20 Hz to 20 kHz) and Q-factor (0.3 to 12). Low and high cut allow to control the cut frequency (20 Hz to 20 kHz) as well as the slope (6 to 48 db/octave in steps of 6 dB/octave). The frequency response is displayed in a graph where handles can also be used to change the EQ's settings.

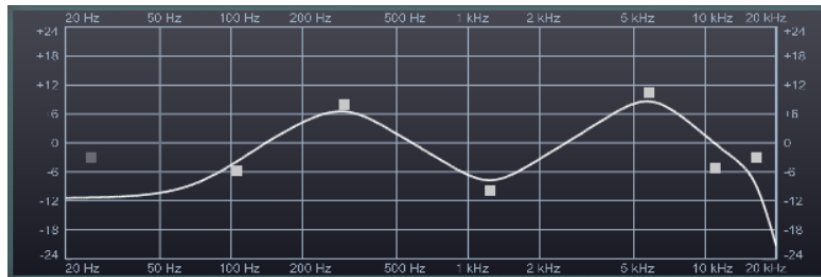# 2   Controls

2.1   Cut Filters

Frequency can be freely adjusted between 20 Hz and 20 kHz. The Slope control sets the filter's steepness. A higher slope will result in stronger attenuation below (low cut) or above (high cut) the cut frequency but will also result in a greater phase shift. The latter can have unwanted effects when working in parallel (e.g. multi-microphone recordings where only one channel is EQed) but can be neglected in most other cases.

2.2   Bands

Each band can be used as peak, lowshelf or highshelf filter. Shelf filters will have half the set gain at the set frequency. The Q-factor influences the band's width either of the boost/cut (peak) or of the step (shelf).

2.3   Graph

The graph shows the current EQ's frequency curve. Each band as well as the cut filters are represented by handles and can be adjusted directly inside the graph. While holding the "Alt" modifier the Q-factor can be adjusted by dragging the mouse up or down.