

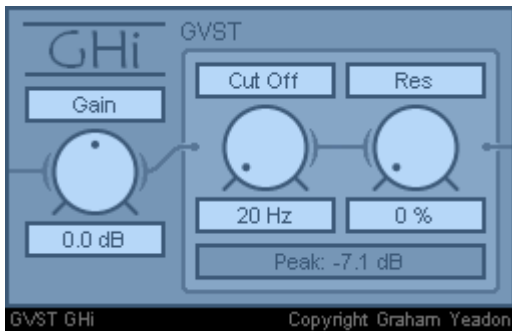
# Welcome to GHi

GHi is a resonant high-pass filter. It has three simple controls and one useful purpose. It filters out frequencies above a user-defined cut-off frequency, and adds variable amounts of resonance at that point.

## Hints

- Automating the "Cut Off" and "Res" (resonance) knobs can add drama to an individual track, a sub-mix, or entire segments of a song at mix-down.
- With a 0% resonance setting, GHi can be used to restrict the frequency range an instrument or track occupies, without colouring the sound.
- Because resonance can add substantial peaks to an audio signal, keep an eye on the "Peak" window to help control the changes being made.

## Interface



The three knobs are presented the same way for consistent and easy identification. Above the knob, its function is labelled. Below the knob, a numerical readout reflects the user adjustments or allows the user to manually specify values. One additional mini-window at the bottom of the GUI shows the peak level of the outgoing signal, in decibels.

**Gain:** This knob adjusts the level of the incoming signal, pre- processing.

**Cut Off:** Only frequencies above this point will be allowed to pass through.

**Res:** This knob sets the "resonance", for the filter. Resonance is created by boosting a small band of frequencies at the filter's cut off point.

**Peak Display:** As a supplement to your existing metering methods, GHi will display the peak level it has passed. Click this mini-window to reset the readout.

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