# GBand Manual

## Welcome to GBand

GBand is a resonant band-pass filter. A typical band-pass filter is configured by selecting a central frequency "node" and adjusting the Q (width) of the band surrounding the node. GBand operates in a much more intuitive way. It is actually composed of a low-cut and a high-cut filter operating in series.

In GVST terms, this plug-in is identical to having a GLow and GHi running one after the other.

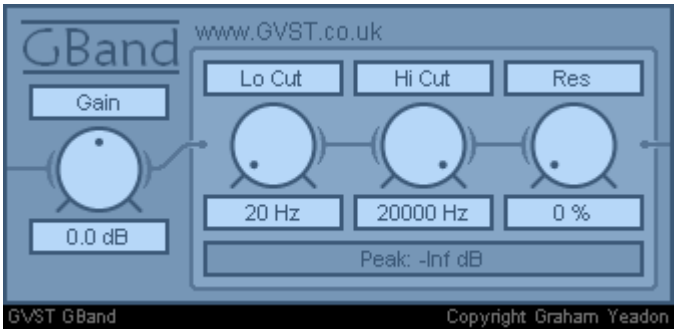
## Installation

1. All GVST plug-ins come compressed in a ZIP file, so the first step is to extract the files from the ZIP file.
2. Once extracted, you should have one or more DLL files, these are the plug-in files.
3. You need to copy the plug-in files to the appropriate folder for your host program.
4. In most cases, you will need either to restart the host program or re-scan the plug-in folder in order for newly-installed plug-ins to appear.

## Hints

- Automating the Frequency and Resonance parameters can help add life and drama to an individual track, a sub-mix, or even segments of a song at mix-down.
- With a 0% resonance setting, GBand can be used to restrict the frequency range an instrument or track occupies, without colouring the sound.

## Interface




Each knob is laid out the same way for consistent and easy reference. Above each one, its function is labelled. Below each one is a numerical readout of the value assigned. One additional mini-window at the bottom of the GUI shows the peak level of the incoming signal, in decibels.

**Gain:** This knob adjusts the input (rather than output) level. On GBand, at least, the end result is identical either way. Surely a gain knob needs no further explanation!

**Lo Cut:** Only frequencies above this level will be allowed to pass through. Anything below is cut.

**Hi Cut:** Any remaining frequencies below this value (after the Lo Cut has already subtracted some) are passed through. Any frequencies higher than this knob's setting are cut.

**Res:** This knob sets the "resonance", for both filters. Resonance is created by boosting a small band of frequencies at the two filters' cut off points.

**Peak Display:** In addition to your usual methods of metering, this small window gives you a quick look (peek?) at how "hot" the output audio is. This is useful as resonance can create considerable peaks in the output.

## License

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## Credits

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