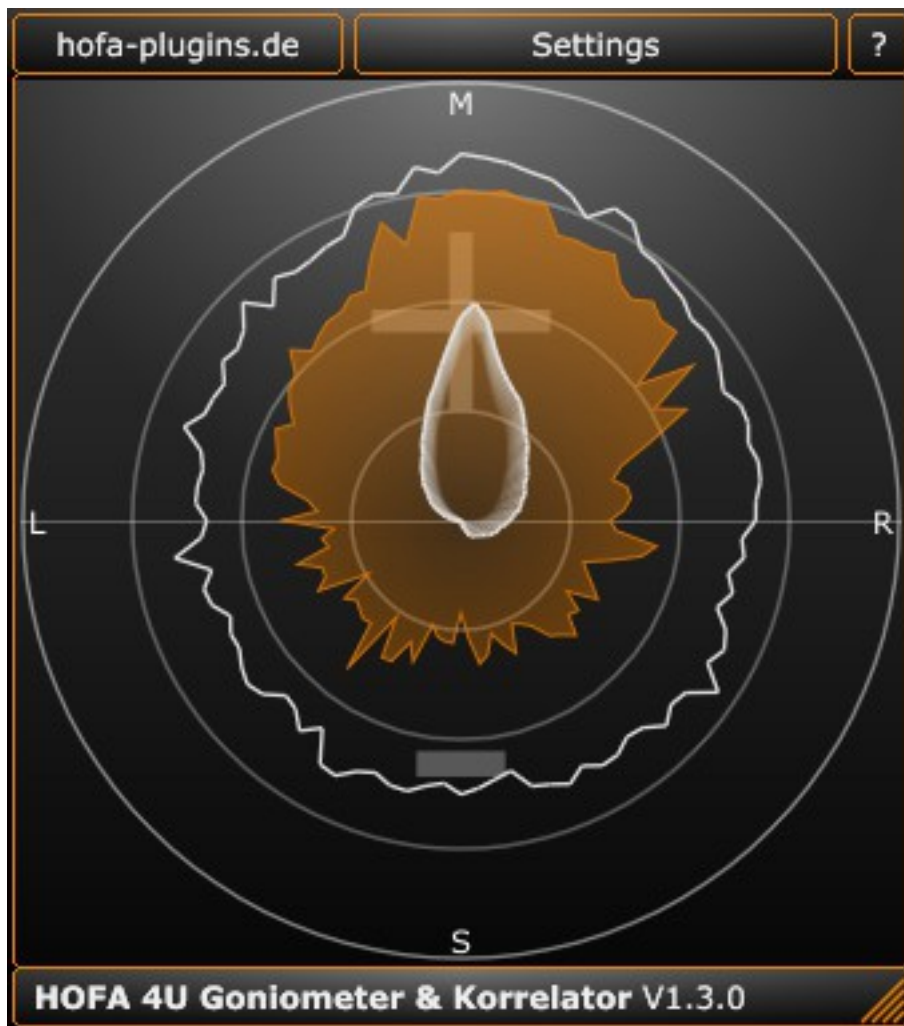


HOFA 4U Goniometer & Korrelator

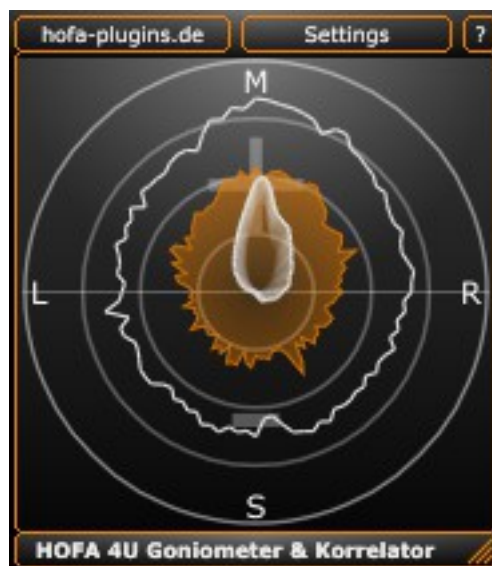


Features

The HOFA 4U Goniometer & Korrelator consist of – as the name suggests – a goniometer and a correlation.

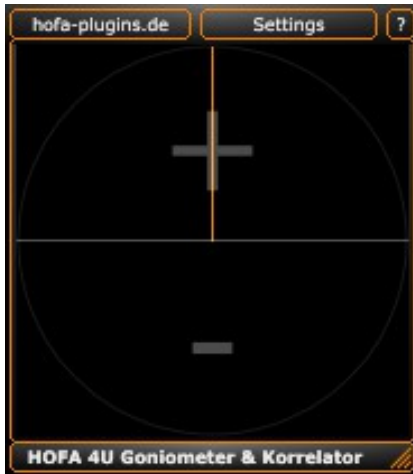
The goniometer shows the magnitude in dB with a range of 40 dB. For a good representation of low signals the absolute level is taken less into account than the relative level (e.g. the figure won't get much smaller when the signal level is reduced). This way signals at -40 dBFS and below can be viewed without the need of an additional gain control.

The goniometer shows three curves:



- Orange region: Peak: current stereo image
- White line: Peak-Hold: maximum value
- White gradient: Energy: energy of stereo image

The correlation meter shows the correlation between left and right channel and this way visualizes the relation of those channels, ignoring level differences. For example a mono track that's panned half to the left will still be shown as mono.



Correlation $+1/0^\circ$;
left and right are equal
(but might have different
levels)



Correlation $0/90^\circ$;
left and right are
independent



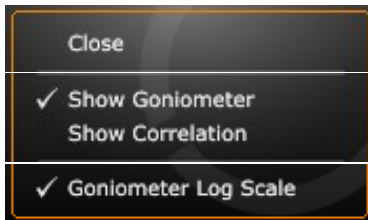
Correlation $-1/180^\circ$;
left and right are equal
but with different signs



Controls

Since the Goniometer & Korrelator chooses a meaningful display of data by itself there are not many controls needed.

Switching between goniometer and correlator is able by clicking on the "settings"-button or just right-clicking anywhere on the plugin surface. The energy and peak-hold curve can be reset by a (left) click onto the goniometer.



Close menu

Switch between goniometer and correlator

Shows the goniometer in a logarithmic scale

Contact

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