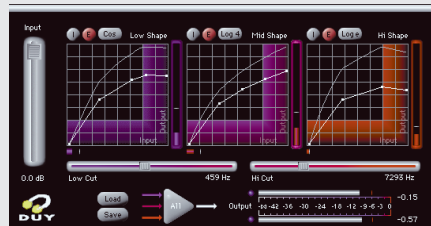


DUY Shape is a revolutionary new approach to sound enhancing based on the exclusive FDWS algorithm.

DUY Wide is a stereo and multichannel spatial enhancer.

MAX Duy is a revolutionary new approach to sound level maximizing based on the exclusive ILO algorithm.

DUY Shape



Main features

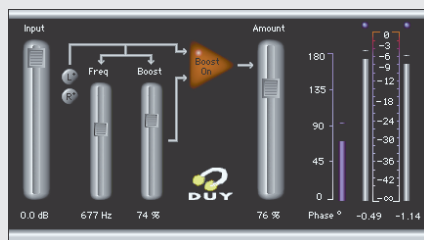
- Exclusive FDWS (Frequency Dependent WaveShaping) algorithm processing.
- Three* band smooth filter with full audio range continuous crossover points.
- High quality analog sound filters using modeling technology.
- Three* independent user-defined Shapers with virtually infinite resolution and accuracy. Each shaper has:
 - Eight different Shaper curve types including Linear, Log and Cosine functions.
 - Linear expand function to optimize dynamics.
- A set of 5 factory presets for typical applications.
- Simultaneous Input and Output plasma-style meters.
- Mix switch for Low, Mid, Hi Shape or all (default) which allows easy independent adjustments.
- Powerful and intuitive user interface.

* Two shapers on certain Digidesign cards.

Applications

- Suitable for processing of any kind of sound: music, musical instruments, voices or effects.
- Processing of independent tracks or mastering of final mixes.
- Processing possibilities include:
 - 1) Dynamic enhancing.
 - 2) Smooth equalizing.
 - 3) Waveshaping compression.
 - 4) Frequency enhancing
 - 5) Sound "revitalizer" for old mixes.
 - 6) User defined harmonic redistribution.

DUY Wide



Main features

- Spatial enhancing and widening of stereo image.
- Sound placement outside of physical stereo speaker locations.
- Individual per channel phase inverter
- Mono compatible.
- Does not add unwanted color to the signal.
- Range of effect from subtle to dramatic.
- High signal to noise ratio due to an internal resolution of 48 bits.

Applications

- Music and film soundtracks. Multimedia and virtual reality.
- Spatial enhancing of existing mixes, both independent stereo tracks and final mixes.
- Remastering, rebalancing and spatial enhancing of stereo and multichannel mixes.
- Complex spatial processing of pairs of channels in multichannel mixes.

MAX DUY



Main features

- Exclusive ILO (Intelligent Level Optimization) algorithm provides:
 - Seamless level maximizing.
 - Zero harmonic distortion even at low frequencies.
 - Unnecessary level scaling and limiting thus improving signal to noise ratio
 - Release free operation avoiding unwanted pumping effect.
 - Overall improvement in signal to noise ratio.

- Easy and intuitive user interface
- Maximum resolution peak level meters with hold and shift function.
- High signal to noise ratio due to an internal resolution of 48 bits.

Applications

- Sound level optimization for music, film soundtracks, broadcast and multimedia.
- Suitable for the processing of any kind of sound: music, musical instruments, voices or effects, for both individual tracks and final mixes.
- CD mastering.



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