

## CD DIGITRAP

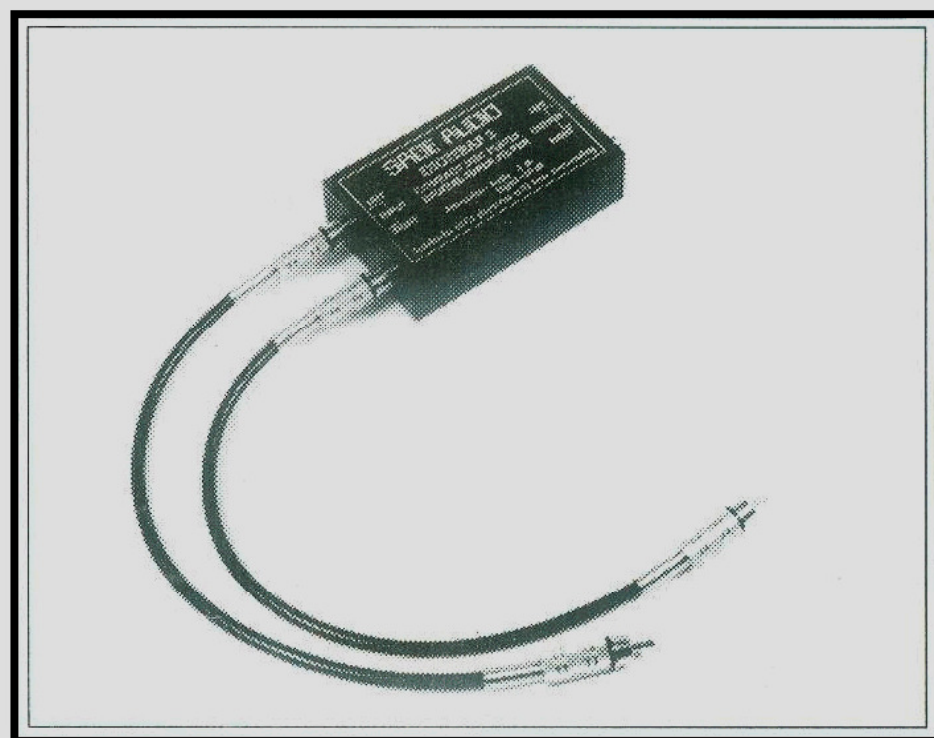
*Cleans up your CD sound in just seconds, redescovers the spaces around individual instruments, enables one to hear up to 30 times more detail otherwise lost within the CD digital oversampling quantisation noise.*

### FEATURES ~

- \* Up to 30 times increase in signal detail
- \* Compatible with ALL types of CD players
- \* Totally passive (no power required)
- \* Top quality audiophile components used
- \* Gold Plated in/out connections
- \* Simple to fit by anyone in seconds
- \* Lifetime performance guarantee

The Digitrap range of filters are a totally new form of true 'Digital' filtration device designed by Sage Audio and based upon a patent applied purely passive 'Cyclic' filter block. When connected to a CD player or DAT player they will provide up to 30dB's reduction in the inherent digital quantisation noise whilst passing the audio signal totally unaffected. This lowering of the noise level results in up to a 30dB increase in musical detail and resolution, detail otherwise buried beneath the digital noise. The soundstage comes alive with far greater detail, instruments are heard more clearly, articulate, stationary and better focused. This results in ultra clean audio signals with far less distortion, less non-musical related digital spurious with up to 30 times (30dB) more music signal free of the digital background noise. Two such filter blocks are contained within the Digitrap case for stereo use.

The Digitrap, unlike any other filter simply plugs into the audio output of a CD player, the output from the Digitrap then feeds into your existing amplifier. The filters are totally passive (do not require power) and act to suppress the digital quantisation noise which otherwise masks musical detail. The Digitrap 2 is compatible with all types of CD players from 0 to 32 times oversampling DAC's and also 'One Bit' bitstream players.



### THE DIGITRAP CYCLIC FILTER

Designed by Sage Audio Electronics and manufactured under licence *exclusively* for Sage by Chase Advanced Technologies Ltd, the Digitrap removes more Digital noise using a patented 'Cyclic' precision engineered filter system. Conventional filters by definition must alter the audio spectrum when filtering the higher frequency 'Digital' steps. The use of oversampling and lower slope filters help to alleviate this problem, however in the interests of not distorting the audio spectrum, some noise is left in the output signal. This masks or blurs the fine detail of sound images, detail which is contained within the very low levels of signal.

Since the audio signal itself does not actually pass through any filtering stages the audio signal is therefore left totally unaffected. Digital noise however will undergo a cyclic conversion, the digital noise cycling around a near infinite digital filter loop eventually being converted to, and emitted as heat rather than an electrical output signal. The final audio output signal is now significantly free from digital noise including spurious signals as a result of incorrectly decoded digital error signals. Fine detailed sounds most responsible for stereo image stability, focus and soundstage size are now clearly heard with a clearer spacing between individual instruments.