Antelope

CLOCKING.
CONVERSION.
MONITORING.

ECLIPSE 384

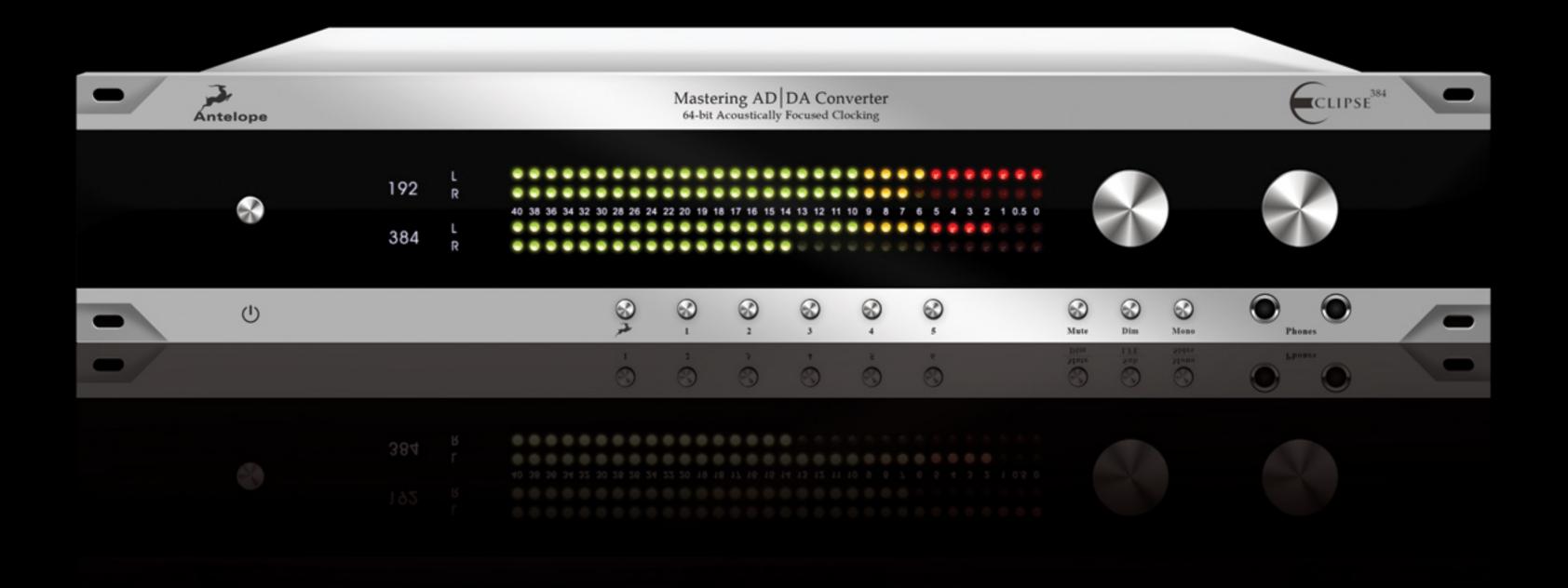Mastering AD | DA Converter
64-bit Acoustically Focused Clocking

www.AntelopeAudio.com

Antelope

WHERE THE WHOLE IS MORE THAN THE SUM OF ITS PARTS

Eclipse 384 is an advanced A/D & D/A converter and a monitoring system underpinned by Antelope's world-renowned clocking, conversion and power supply technologies. It creates a technological synergy by combining the best of Antelope's developments, giving mastering and mixing engineers an unprecedented level of productivity, sound quality and ease of use.

Offering an integrated patching/routing function, the Eclipse makes monitoring in either analog or digital domain extremely simple, avoiding jitter, distortion and cabling noise. The unique dual clocking system enables a more natural, analog-sounding sample rate conversion. The unit can run all the way up to 384 kHz - a powerful way to improve the sound quality.

The Eclipse comprises 384 kHz A/D & D/A converters clocked by 2 independent 64-bit DSP Trinity-level clocks. The fully integrated monitor controller employs 0.05 dB accurate relay attenuators and provides speaker switching, bass management and cue mix functions. The robust, 2 unit enclosure also includes 2 headphone amps and a custom USB interface. An advanced software control panel (Mac & PC) with five presets allows easy recall of favorite setups.

CONVERSION

384 kHz A/D & D/A converters

A/D with Dynamic Range of 124dB

D/A with Dynamic Range of 129dB

Burr-Brown D/A conversion chip

Two bypassable A/D inserts

Custom USB 2.0 chip streaming up to 480 Mbits
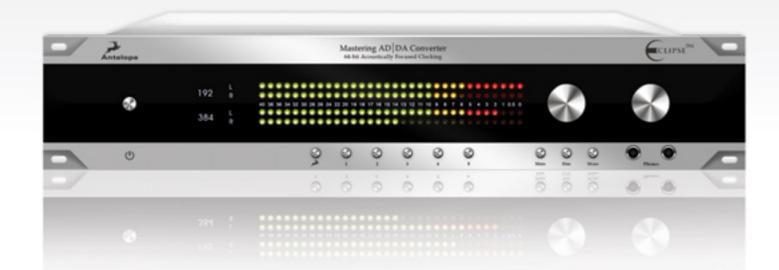
CLOCKING

64-bit DSP Trinity-quality clocking

Oven-controlled oscillator

Factory calibrated to better than +/- 0.001 ppm stability

Two independent sample rates

Varispeed capability of +/- 200 cents

10M atomic clock input

MONITORING

Three sets of switchable monitor outs

Second dedicated monitor D/A

Bass management with LFE output

Precise input and output peak meters

Talkback and cue mix functions

Relay volume attenuator matched to 0.05 dB