

# Eclipse ESP7000 Supports 7.5R CAV Mastering

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Pleasanton, California: Eclipse, the leader in DVD and CD mastering software and hardware systems announced that the ImageEncoder ESP7000 high-performance encoder is now capable of supporting CAV at recording speeds as high as 7.5R DVD. Combining 7.5R capability with CAV recording means that existing high-end LBRs can be upgraded to master at speeds of 75 rps, equivalent to 5R CLV mastering. "The real challenge with CAV encoding is how to provide continuous pulse shaping capability across the full spectrum of frequencies used in CAV mastering," stated Bob Edmonds, Eclipse's V.P. of Sales & Marketing. "Eclipse developed an auto-scaling pulse shaping technology that processes the timing and amplitude of each pulse individually. This represents a significant improvement over historical pulse shaping techniques that use coarse grouping that can negatively impact jitter."

The Eclipse ImageEncoder ESP7000 is capable of mastering recordable and prerecorded CD and DVD formats, and is designed for use in the development of advanced formats. The ESP7000 is software controlled and fully programmable supporting current and future format requirements. The ESP7000 is designed to be compatible with all LBRs capable of mastering recordable and rewriteable formats, including single and dual-beam recorders. The Eclipse ImageEncoder ESP7000 provides a wide-range of control and flexibility for customers demanding advanced signal processing.

## **About Eclipse:**

Eclipse, recognized as the new leader in DVD and CD mastering encoders and software provides leading edge capability with a reputation for technical excellence and world-class customer support in its line of mastering, premastering and QC verification tools. For more information about Eclipse and its products, please visit our web site at [www.eclipsedata.com](http://www.eclipsedata.com).

## **Contact Information:**

Phone: +1 (925) 224-8880

Fax: +1 (925) 224-8881

email: [sales@eclipsedata.com](mailto:sales@eclipsedata.com)