

DVX

PRELIMINARY



DESCRIPTION

Looking for high throughput testing of DVD's and CD's, plus a way to qualify your masters? The new Clover Systems DVX™ is absolutely the highest performance and lowest cost test system on the market. It consists of a specially modified DVD±R/RW writer and software that can perform data verification, format verification, and measure error rates as speeds up to 16X (DVD) or 40X (CD). A built-in grading system and pass/fail indicator allow simple operation by novice operators.

APPLICATIONS

- Incoming Inspection / Quality Control
- DVD/CD Duplication
- Pre-Mastering
- Media & Writer Qualification
- Archiving

Features

- Performs high speed bit-for-bit verification on all formats including video, audio & Enhanced CD
- Measures average and peak of PI, PIF, PO, POF, BLER, E11, E21, E31, E12, E22, E32
- Measures Focus & Tracking error plus Beta and Jitter
- Easy to operate
- Built in Grading system
- Pass / Fail indicator with user defined limits
- Checks logical formatting - ISO 9660, Post Gap, Subcode Skew
- Displays full disc information - Disc type, Data Format, TOC, ISRC & UPC codes, Volume Descriptor, and Write Mode (DAO / TAO).
- Tests DVD-ROM, DVD-R, DVD-RW, DVD+R, DVD+R DL, DVD+RW, CD-ROM, CD-DA, CD-R, CD-RW; All formats

The Highest Performance & Lowest Cost Test System on the Market

Exclusive Features

- Runs under Windows 98/ME/NT/2000/XP
- Record and test in the same drive
- Two Calibration discs included
- HF output jack provided for pit geometry measurements
- Free software updates
- Use your existing Windows® PC
- Can be fully automated with optional autoloader



Benefits of Testing

- Software publishers, distributors, and DVD/CD duplicators all need to verify the quality of their product to maximize customer satisfaction and avoid problems. If you are making recordable discs, you are now the manufacturer, and therefore responsible for quality control. Don't risk your reputation on product of unknown quality!
- **Logical Format Verification** DVX™ can compare your recordable or replicated discs to the original source material on hard disk, or DVD/CD. It also checks various aspects of disc formatting such as: Volume Descriptor, subcode skew, post gap size, and conformance to ISO9660. The exclusive Clover Signature feature allows you to verify the contents of a disc without access to the master.
- **Error Rates and Pit Geometry** Looking at the number and severity of CIRC/RSPC errors provides a good measure of disc quality. To confirm that the disc will have a high probability of playing on all readers, DVX™ also measures Beta and Jitter. DVX™ can measure Focus and Tracking error on blank media to diagnose and avoid media problems. We also provide an HF output for measuring pit geometry using an oscilloscope or optional analog measurement board. The operator's manual fully explains how to interpret the data, and make measurements related to pit geometry such as I3/I14, I11, I3, Reflectivity, Asymmetry, and Beta. A thorough analysis of disc performance is possible.

Warranty

- All Clover Systems products are sold with a 30-day money back guarantee, and one-year warranty against defects.

Specifications

- Maximum Speed: CD - 40X CAV (17-40X); DVD - 16X CAV (6-16X)
- Power consumption: 22 W
- Disc Types: DVD-ROM, DVD±R/RW, DVD+R DL, CD-ROM, CD-DA, CD-XA, PhotoCD, VideoCD, CD-I, Enhanced CD, CD-R, and CD-RW
- Dimensions: 5.75" x 1.63" x 7.48"
- Weight: 2.2 lbs.

All specifications subject to change without notice



System Requirements

- Intel compatible PC, 200 MHz Pentium or better
- One available 5½" drive bay
- Windows® 98/ME/NT/2000/XP

CDX is also available as a complete turn-key system with computer, less monitor & printer.

DVX

High-Speed DVD Analyzer



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