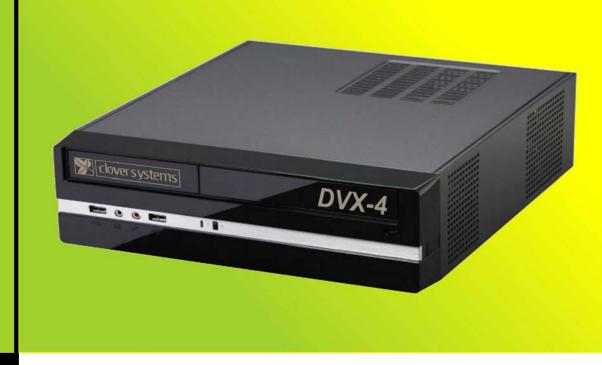# DVX-4

DESCRIPTION

Looking for high throughput testing of DVDs and CDs? The new Clover Systems DVX-4™ is absolutely the fastest and most cost-effective test system on the market. It consists of a specially modified DVD drive and software, combined with a small form factor Windows PC that can perform data verification, format verification, and measure error rates and analog parameters at speeds of 16X (DVD) or 48X (CD). The QuickScan feature can further decrease the test time by up to 10 times.

A built-in grading system and pass/fail indicators allow simple operation by novice operators. A thorough evaluation of disc quality can be easily made.

DVX-4™ is a compact stand-alone turnkey system with built-in PC running Windows 7.

Ultra High-Speed DVD/CD Testing

Features

- New **QuickScan™** feature will test a full DVD in as little as 38 seconds, or 80 min. CD in 48 seconds
- Stand-alone system
- Measures average and peak of PI, PI8, PIF. PO, PO8, POF, BLER, E11, E21, E31, E12, E22, E32
- Measures Reflectivity, I_{11}/Itop, I_3/Itop, Modulation, Resolution, Beta, Focus & Tracking error and Jitter
- Performs bit-for-bit verification on all formats including video, audio & Enhanced CD
- Creates & Verifies SHA-1 Disc Signature
- Easy to operate
- Built in Grading system
- Pass / Fail indicator with user defined limits
- Displays full disc information - Disc type, Data Format, TOC, MID, ISRC & UPC codes, Volume Descriptor, and Write Mode (DAO / TAO / SAO).
- Tests DVD-ROM, DVD±R, DVD±RW, DVD±R DL, CD-ROM, CD-DA, CD-R, CD-RW; All formats
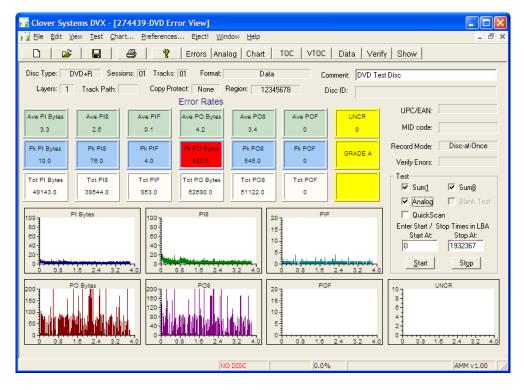- Compact and lightweight

The Highest Performance & Lowest Cost Test System on the Market

APPLICATIONS

- **Production line screening**
- **DVD/CD Duplication**
- **Incoming Inspection / Quality Control**
- **Pre-Mastering**
- **Archiving**

Benefits of Testing

- ■ DVD/CD replicators, duplicators, publishers, and distributors, all need to verify the quality of their product to maximize customer satisfaction and avoid problems. If you are duplicating 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-4™ 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-4™ also measures Reflectivity, Modulation, Resolution, Beta, Jitter, and Focus & Tracking error. The operator's manual fully explains how to interpret the results. A thorough analysis of disc performance is possible.

Warranty

- • All Clover Systems products are sold with a 14-day money back guaranty, and one-year warranty against defects.

Specifications

- • Maximum Speed: CD - 48X CAV (17-48X); DVD – 16X CAV (6-16X)
- • QuickScan™ provides throughput up to 168X (CD) and 160X (DVD)
- • Power consumption: 85 W
- • Disc Types: DVD-ROM, DVD±R/RW, DVD±R DL, CD-ROM, CD-R, CD-RW, CD-DA, Enhanced CD, CD-XA, VideoCD, CD-I, ,
- • Dimensions: 11"w x 4.3"h x 12.5"d
- • Weight: 10 lbs.

All specifications subject
to change without notice

DVX-4

Ultra High-Speed DVD/CD
Analyzer