

AMM-1



DESCRIPTION

The secret to making reliable discs is looking at the "pit geometry". The ability of the player to play the disc is wholly dependent on the size and shape of the pits. Poor pit geometry is the cause of discs that are unreliable, or play in one drive but not another. DVX and CDX provide a means of making these measurements, and the AMM-1 automates this process. It is much faster, easier and accurate than using an oscilloscope. Results are displayed as charts, as well as in the summary. Operation is completely automatic, enabling operation by novice operators.

APPLICATIONS

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

Features

- Performs analog measurements related to pit geometry on all types of DVD and CD discs
- Measures min, max, and average of Reflectivity, I_{11}/I_{top} , I_3/I_{top} , Modulation (I_{14}/I_{14H}), Resolution (I_3/I_{14}), Beta, and Asymmetry
- Integrated with DVX and CDX software
- Works with AutoLoader
- User settable pass/fail limits
- Easy to operate
- Tests CD-ROM, CD-DA, CD-R, CD-RW; All formats plus DVD-5, DVD-9, DVD+R, DVD-R

The Highest
Performance
& Lowest Cost
Test System
on the Market

More Features

- Multi-point Calibration discs included
- Connects to DVX or CDX HF output jack
- Test speed = 4X CD, 2X DVD
- Runs under Windows NT/2000/XP

Benefits of Testing

- Software publishers, distributors, and duplicators all need to verify the quality of their product to maximize customer satisfaction and avoid problems. If you are duplicating discs, you are now the manufacturer, and therefore responsible for quality control. Don't risk your reputation on product of unknown quality!
- **Media and Writer Qualification** The secret to successful disc duplication is compatibility between the writer and the media. Using the AMM-1 will help you identify the best media to use with your writers. Conversely, you can detect failing writers by looking at certain analog parameters. For instance, Beta is wholly dependent on the compatibility of the writer's laser power and the type of media used. You can also detect when the writer's laser is weakening.
- **Reliability and Interchangeability** To confirm that the disc will have a high probability of playing on all readers, DVX provides an HF output for measuring pit geometry. The player's ability to play the disc is wholly dependent on the size and shape of the pits ("pit geometry"). Discs with poor pit geometry will behave erratically, and may play in some drives, but not others.

Warranty

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

Specifications

- Disc Types = DVD-ROM, DVD Video, DVD-R, DVD+R, DVD Dual Layer, DVD+R Dual Layer, CD-ROM, CD-DA, CD-XA, PhotoCD, VideoCD, CD-I, Enhanced CD, CD-R, and CD-RW
- Power consumption = 55 mA @ 5.0 V
- Dimensions = 5.0" x 3.05" x 0.875"
- Weight = 13 oz.
- Connectors: 1) BNC jack, 1) USB B jack
- 3' BNC and USB cables included



All specifications subject to change without notice

AMM-1

Analog Measurement Module



26241 ENTERPRISE COURT
LAKE FOREST, CA 92630
PHONE: +1 949.598.0700
FAX: +1 949.340.7146
E-MAIL: info@cloversystems.com
www.cloversystems.com