

# LIGHTNING 56X CD-ROM Internal



We guarantee this product with our industry leading **2 Year limited warranty.**

## Features

- ✦ **Play your favorite Music CD's**  
LIGHTNING 56X is CD-DA ready. This feature means you can listen to all of your favorite music CDs in stereo.
- ✦ **Play any type of CD Media**  
LIGHTNING 56X supports all popular CD media: Audio CDs, VideoCDs (VCD), Data CDs, Photo CDs, CD-Text, CD-R and CD-RW.
- ✦ **Complete Application Compatibility**  
LIGHTNING 56X supports all popular formats:
  - Karaoke CD
  - Photo CD (single and multi-session)
  - CD-Digital Sound
  - CD
  - CD-RW
  - CD-R
  - I-TRAX
  - UDF
  - CD-ROM XA (mode 2 form 1 and 2)
- ✦ **Easy to Install - Plug-N-Play**  
Through Windows or Mad Dog Multimedia's installer, just connect the IDE, Power and Sound cables for simple installation.
- ✦ **Play CD's w/your favorite MP3's**  
LIGHTNING 56X exceeds MP3 level 3 requirements so you can listen to your favorite MP3 files with clarity.

## Operating System Support

- ✦ Windows XP
- ✦ Windows ME
- ✦ Windows 2000
- ✦ Windows 95/98/98SE

## LOAD APPLICATIONS AT LIGHTNING SPEED!

The LIGHTNING 56X is a "tried and true" optical storage device. An IDEAL solution for your home or business, this Value Leader is backed by the finest engineering and technical support in the industry. Our Two Year Warranty enforces Mad Dog Multimedia's commitment to Uncompromising Excellence.

## Specifications

<b>Model</b>	MD-ED56R
<b>Supported CD Format(s)</b>	CD-Digital Audio, CD-ROM (mode 1), CD-ROM XA (mode 2 form 1 and form 2), Photo CD (single and multiple sessions), CD-I Digital Video, Video CD, CD EXTRA (CD PLUS), CD-R, CD-RW, MIXED MODE CD, I-TRAX, UDF, BOOTABLE
<b>MPC Level</b>	Exceeds MPC Level 2 & 3
<b>Mode</b>	CAV (Constant Angular Velocity)
<b>Transfer Rate</b>	3150 KB/sec. at 23.1X (Min) 8400 KB/sec. at 56X (Max)
<b>Access Time</b>	< 100 ms
<b>Data buffer</b>	128 KB
<b>IDE Host Interface</b>	PIO 1-4 Ultra DMA 0-2 Multi-word DMA mode 0-2
<b>Audio Outputs</b>	Analog and Digital Out
<b>Disk Capacity</b>	650 MB (mode 1) 740 MB (mode 2)
<b>Mount</b>	Horizontal Mount
<b>MTBF</b>	25,000 POH (25% duty cycle)
<b>Safety Approval</b>	UL, CSA, TUV, FDA
<b>EMC and Compliance</b>	FCC, CE
<b>Power Requirement</b>	+5V DC (±5%) 1.5A +12V DC (±5%) 1.5A
<b>Others</b>	Energy saving spin-down mode
<b>Weight</b>	2.0 lbs (body only)
<b>Warranty</b>	2 Years

## Box Contents

- ✦ LIGHTNING 56X CD-ROM Drive
- ✦ Quick Setup Guide
- ✦ Applications & Information CD
- ✦ Mounting Screws

## Minimum System Requirements

- ✦ Pentium Celeron, AMD K6/Duron/Athlon
- ✦ 32 MB RAM