



Designed for CE applications:

- Personal Video Recorders
- Video Surveillance
- Media Centers

AV Capacities from 60GB to 160GB

3.5-Inch 5400 RPM Consumer **Electronics Hard** Disk Drives

FEATURES:

- Quiet Drive **Technology**
- AV Stream **Performance**
- Thermal **Monitoring System**
- Shock Protection **System**
- MaxLabs Design Centers

Diamond Wax 16 Master Quick View



CE Proven

Maxtor QuickView CE hard disk drives

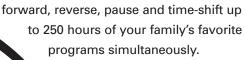
Recognized as the leader in consumer electronics (CE) products, Maxtor continues to focus on the advanced development of QuickView® CE hard disk drives with proven CE features such as Quiet Drive Technology, AV streaming performance, innovative designs, Thermal Monitoring System, Shock Protection System™, and environmental optimization.

Maxtor MaxLabs

Established in 1997, MaxLabs™ is a global, distributed set of design, integration and test services to optimize hard-disk-drivebased platforms for the CE market. MaxLabs leverages dozens of shipping CE design wins bringing integrated AV disk drive products to market with the performance, reliability and quality demanded by our OEM customers and consumers alike.

Personal Video Recorders

Integrated with Maxtor QuickView CE hard disk drives, personal video recorders (PVR) have created a revolution in the way people watch TV. QuickView CE drives AV performance and large video capacity enable cable, satellite, and stand-alone and terrestrial set top boxes (STB) to digitally record, store, playback, nonlinear fast









Diamond **Max**16

Capacity	60GB	80GB	120GB	160GB
Model ATA/133 2MB Buffer, Ball Bearing Motor	4A060J0	4A080J0	4A120J0	4A160J0
ATA/133 2MB Buffer, FDB Motor	4A060L0	4A080L0	4A120L0	4A160L0

Note: J-BB motors, L-FDB motor

Performance Specifications

- or	
Rotational Speed	5400 RPM
Buffer Size	2MB
External Transfer Rate (Mbytes/sec)	Up to 150
Average Seek (msec)	<12.1
Average Latency (msec)	5.56
Drive Configuration	
Bytes per Sector/Block	512

Reliability Specifications

Logical CHS

ears/
read
<1%

Power Requirements		
Mode	5V	12V
Seek (mA)	610	590
Idle (mA)	589	222
Standby (mA)	110	36

Environmental Limits

CE Acoustics	
Idle (sound power: bel)	2.4
Seek (sound power: bel)	2.8
CE Temperature	
Operating (0°C)	5 to 60
Non-operating (0°C)	-40 to 71
CE Shock	
Operating Mechanical Shock 2msec (G)	60
Non-operating Mechanical Shock 2msec (G)	350
Physical Dimensions	
Height (max mm)	26.1
Width (typical mm)	101.6
Length (max mm)	146.1
Weight (LB/g)	1.37/620

Specifications subject to change without notice. GB means 1 billion bytes. Total accessible capacity varies depending on operating environment. Seek times and acoustics are average values. Seek performance developed utilizing technology licensed from Convolve, Inc. ©2002 Maxtor Corporation. Maxtor, DiamondMax and QuickView are registered trademarks of Maxtor Corporation. MaxLabs and Shock Protection System are trademarks of Maxtor Corporation. All other brands or products are trademarks or registered

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For more information on Maxtor storage products, visit our website at www.maxtor.com

All Maxtor products are backed by our leading service and support staff.

Service includes

- Advance replacement in 2 business days
- 24-hour on-line troubleshooting tools and e-mail
- Maxtor's commitment to total customer satisfaction
- Product support representatives available Monday-Friday

To speak with a Maxtor product support representative in the U.S. and Canada, call 1-800-2MAXTOR, Mon.-Fri. from 5 a.m. to 5 p.m (PST). In Europe, call +353 1 204 1111 Mon.-Thur. from 8:30 a.m. to 5 p.m (GMT) and Fri. 8:30 a.m. to 4 p.m. (GMT).

In Australia, call +61 2 9369 3662. In Japan, call 00531653616, And in Singapore, call 65-6852-0220 or 1-800-481-6788.

