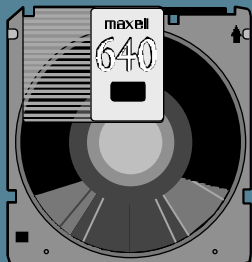


# maxell

## 5X 3.5" MAGNETO OPTICAL DISKS UP TO 640MB!

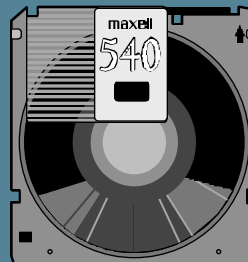
MA-M640



638MB • 2048 Bytes/Sector

Introducing the next generation of 3.5" rewritable optical disks from Maxell... with 5 times the capacity of 1st generation (128MB) 3.5" optical disks. Now you can have the capacity of a CD-ROM on a rewritable optical disk with a smaller (3.5") form factor!

MA-M540



534MB • 512 Bytes/Sector

### KEY TECHNOLOGIES

**Mark Edge Recording:** Provides 1.5 times higher recording density than mark-position recording used in current generation MO. This technology was first employed in Maxell's proprietary 2GB 5.25" MO disks.

**Shorter Wavelength Laser:** The laser wavelength has been reduced in order to form much smaller recording marks – therefore a much higher recording density can be achieved.

### DRIVES

MA-M640/MA-M540 are compatible with all ISO/IEC standard disk drives. Drives have been announced by Fujitsu, Olympus, Epson and others.

### SPECIFICATIONS

ITEM	UNIT	MA-M640	MA-M540
Storage Capacity	MB	638	534
Standard Format	-	ISO/IEC 15041	
Sector Format	-	Zoned CAV	
Servo Technique	-	CCS	
Capacity per Sector	Byte	2,048	512
Capacity per Track	k Byte	34.8	12.8
Track Density	TPI	23,000	
Recording Density	BPI	53,000	
Recording Tracks	Tracks	18,316	41,758
Sectors per Track	Sectors	17	25
Track Pitch	µm	1.10	
Disk Substrate	-	Polycarbonate	
Recording Film	-	Rare Earth - Transition Metal Alloy	
Disk Structure	-	Single-sided	
Disk Size	mm	86(D) x 1.2(T)	
Cartridge Size	mm	94(W) x 90(L) x 6(T)	
Weight	g	40	
Maxell Item Number	-	624510	624610
UPC Code	-	0-25215-62310-3	0-25215-62300-4

All Maxell optical disks are backed by our Lifetime Warranty, Money-back Satisfaction Guarantee, and supported by Toll-Free Technical Support: 1-800-377-5887

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