The Ditto Max Professional®
Professional strength backup and disaster recovery
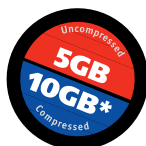
2 Year Warranty!

- Expandable capacity – up to 10GB*
- Compatible with 3GB*, 5GB*, 7GB* and 10GB* Ditto Max cartridges
- Flash!File™ storage area allows five-second average access to important files**
- Easy-to-use Ditto Tools software (Y2K compliant)
- One-Button Backup, Copy and Restore
- FullBack™ system recovery software
- Up to 2GB* per hour back up speed

Provides peace of mind

Whether you use your computer for work, home or fun – Ditto Max Professional protects your data. Its massive capacity – up to 10GB* of compressed data (5GB native) – protects even the largest hard drive.

Backups are a snap

Ditto Max is designed to make backups easier and faster than ever! Ditto Tools One-Button software copies, restores or backs up your system while you work or play. Ditto Max can even back up your systems when you're not around!

Uncompressed 5GB 10GB* Compressed

Capacity that grows with your storage needs

The OmniTray™ is Ditto Max's universal cartridge caddy. It is compatible with 3GB*, 5GB*, 7GB* and 10GB* cartridges from Tecmar, Iomega, Imation, Sony and Verbatim. Ditto Max also reads data stored on smaller TR-3 and 2GB cartridges. Use what suits you today. Then as your needs grow, simply buy higher-capacity cartridges – not a higher-priced drive.

Simplifies disaster recovery

If you have to restore your hard drive, Ditto Max makes the process almost automatic. Just one tape and two diskettes created with the Ditto Max FullBack™ system recovery software are all it takes to restore your files to perfection.

Fast, easy access to important files

Ditto Max Flash!File technology can store frequently used files in a special 125MB** location that allows fast, easy access. Simply drag and drop files onto your Flash!File drive letter. Then, you can access them in as little as five seconds.

With Flash!File

Everything is in the box. Just add the tape with the capacity you need!

Choose the external parallel port model or the internal model that installs easily in any 5 1/4" bay. Then, select the tapes that match your capacity needs. And, get ready to back up the easy One-Button way.

Tecmar

ditto *Max*
p r o f e s s i o n a l

Internal 5 1/4"
half-height model

Powerful desktop storage
and tape backup in one simple device

INTERFACE - EXTERNAL

Physical	DB-25 male and female standard connector
Mounting attitude	Horizontal or Vertical
Electrical Compatibility	Enhanced Parallel Port, EPP. Standard uni-directional and bi-directional ports

INTERFACE - INTERNAL

Physical	34 Pin (2x17)
Mounting attitude	Horizontal
Electrical Compatibility	Floppy Diskette Interface/QIC-117 Protocol (IO Cable and Interface Board included)

CAPACITY

Storage Capacity

Ditto Max Professional — Up to 10GB* with compression or up to 5GB native

Media

Reads/Writes — 3GB*, 5GB*, 7GB* or 10GB* cartridges from Tecmar, Iomega, Imation, Sony and Verbatim

Reads — Verbatim TR3-Extra, Sony QW3020XLF, QIC-3020, Travan TR3 and Ditto 2GB, 3.7GB cartridges

PERFORMANCE

Read/Write	QIC 22.6 ips to 45.2 ips and Ditto Max 34 ips to 68 ips
Seek / Retension	85 ips / 85 ips
Data transfer rate	2.0/Mb/sec to 4.0/Mb/sec
File access time	44 seconds

Maximum Throughput

Backup
internal — 36MB/min, using a file compression of 2:1
external — 19MB/min, using a file compression of 2:1

Restore
internal — 36MB/min, with file set on tape that was compressed 2:1
external — 19MB/min, with file set on tape that was compressed 2:1

PHYSICAL

Weight
External — 1lb. 8 oz.
Internal — 1lb. 14.4 oz.

Size
External — 5.5"W x 1.8"H x 8.75"L
Internal — 5.75"W x 1.7"H x 8.25"L

RELIABILITY

Error Rate	Less than 1 in 1 x 10^{14} bits read
Raw error rate	Less than 1 in 1.6 x 10^{7} bits
Drive life	3000 hours of tape motion, or five years of normal use
MTBF	200,000 hours, based on normal drive life
Cartridge insertions	25,000 insertions
Media Life	5,000 passes

POWER REQUIREMENTS

Power	24W max. < 500 ms
Total power	3W standby; 19W typical operational
Electrical	IEEE P1234.3 standard

ENVIRONMENTAL

Temperature
Operating — +50° to +113°F; (+10° to +45°C)
Storage and shipping — -40° to +149°F; (-40° to +65°C)
Maximum gradient — 12° per hour

Humidity
Operating — 20% to 80% RH (non-condensing); 80°F (27°C) max.
Storage and shipping — 10% to 80% RH (non-condensing)

Agency Compliance — UL/CUL, TUV, CE, FCC Class B

COMPATIBILITY

Designed for Microsoft® Windows NT® Windows® 98

	One-Button Backup	One-Button Restore	One-Button Copy	The Works	FullBack	Flash!File
Windows 98	X	X	X	X	X	X
Windows 95	X	X	X	X	X	X
Windows 3.1	X	X	X	X		
Dos 5.X				X		
WIN NT 4.0***	X	X	X	X	X	

Tecmar

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