

# ORB™

## 2.2GB ULTRA SCSI EXTERNAL

**Size. Speed.  
For everyone.**

*Easy to Install  
Unlimited Capacity  
Infinitely Rewritable*



**Look at the power ORB delivers!**

- 3.5 hours of audio
- 2+ hours of video
- 2,000+ color photographs
- 22 100MB floppy disks
- 1500+ 1.44MB floppy disks
- 3+ CD ROM games



**True Portability** – Ideal for home or office use. ORB is the compact drive you can take anywhere, along with its pocket-sized removable disks.

**Unlimited Capacity** – Affordable removable storage with an incredible 2.2GB capacity – large enough to back-up most hard drives on one ORB disk.

**Infinitely Rewritable** – Fastest speed available at an incredibly fast data transfer rate.

**Total Dependability** – State-of-the-art MR technology gives you years of secure, trouble free operation.





## ULTRA SCSI EXTERNAL SPECIFICATIONS

### PERFORMANCE

Average Seek Time	10ms read/write 12ms
Data Transfer Rate	12.2 MB/sec maximum
Burst Transfer Rate	20 MB/sec
Rotation Speed	5400
Head	MR (Magneto-Resistive)
CPU	25 MIPS DSP
Start/Stop Times	6 sec spin-up, 10 sec read, 15 sec write/6 sec stop
Long Format Time	9 Minutes
Short Format Time	Less than one second

### RELIABILITY AND WARRANTY

Reliability: Labyrinth Sealed Door with Auto Closure and Patented enclosure environmental controls.

MTBF	300,000
Service Life	5 Years
Bit Error Rate (recoverable)	1 in 10 <sup>12</sup>
Disk (estimated shelf life)	20 Years
Drive and Disk Warranty	1 Year Limited

### GENERAL INFORMATION

Interface	50 PIN High Density Narrow
Disk Storage Capacity	2.2 GB
Operating Systems Compatibility	Windows 98, 95, 3.1x, NT4.0+, MS-DOS 5.0+, OS/2 4.0, Mac OS7.1+
Power	5V (+/- 5%), 1.5 amp (peak) start-up, .75 amp continuous read/write, .75 amp max seek, .2 amp stand-by mode
Power Management	Via software, with idle and stand-by mode.
Dimensions	6.5" X 1.5" X 5.25"
Weight	1.19 Lb / 538.7 gms
Write Protection	Via Software
Acoustical Noise	Less than 42 dB

### OPERATING CONDITIONS

#### Temperature

Operating	10°C to 46°C
Storage	-40°C to +60°C
Shipping	-40°C to +60°C

#### Relative Humidity (non-condensing)

Operating	10% to 80%
Non-Operating	10% to 90%

#### Vibration

Operational	.03 inches p-p @ 5-10Hz, .5g p-p @ 10-300 Hz, .2g p-p @ 300-500Hz
Non-Operational	.04 inches p-p @ 5-10Hz, 4g p-p @ 10-500HZ

#### Shock @ 11ms duration 1/2 Sine wave

Operational	3g
Non-Operational	80g

#### Altitude

Operating	10,000 ft
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All specifications are subject to change. Actual performance is dependent on your system configuration.