MicroSolutions

backpack®

Hi-Speed USB 2.0
DVD±R/RW

Dual Format
External DVD Burner

Model #224011

8x	**4**x	**12**x	**32**x	**16**x	**40**x
DVD write	DVD re-write	DVD read	CD write	CD re-write	CD read

Applications

- Produce and play DVD videos

- Watch DVD movies on your PC

- Make photo slide shows on DVD

- Store your photos on CD and share them with friends and family

- Create and play audio CDs

- Store files on DVD or CD

Includes

- Backpack® DVD±R/RW drive
- DVD video authoring software
- DVD player software
- SpeedyCD creation and editing software
- Step-by-step guides for making DVDs and CDs
- Device driver for Windows (98, Me, 2000 and XP)
- USB 2.0 cable (compatible with USB 1.1)
- Lightweight universal power supply

1 year limited warranty

Make Your Own DVD Videos

- Capture video from DVD, camcorder, VCR, PC and camera (may require video capture card)

- Easy editing lets users trim, adjust and organize videos and apply special effects

- Make menus from existing templates or customize your menus by importing images and music

- Real-time preview lets you preview menus without rendering

- Video rendering technology renders MPEG-1, MPEG-2 and DV-AVI video faster than other software available today

Make Photo Slide Shows and Music CDs

- Import photo images from your digital camera

- Easily assemble cool slide shows with background audio

- Preserve your memories that can be shared with family and friends for a lifetime

- Make audio CDs to play in your car or at home

Removable Storage That's Portable

- Archive your important files for safe and permanent record keeping

- Store, edit and share up to 4.7GB of data on one DVD disc

- Dual purpose drive lets you read/write DVD and CD media

- Use it at home or office with desktops and laptops

EXTERNAL DVD±R/RW

USB 2.0

Model Number	USB 2.0 Interface	DVD±R/RW Write, Rewrite, Read	CD-RW Write, Rewrite, Read
224011	✔	8x4x12	32x16x40

SPECIFICATIONS

Transfer Speed [a]	USB 2.0 — 16.2MB/s (max.)
Buffer Underrun Protection	Yes
Typical Access Time	CD-RW — 120ms average DVD±R/RW — 140ms average
Supported Media	High Sierra, ISO 9660, CD-ROM/XA, Photo CD, MultiRead CD-RW, CD-R, CD-audio format, Video CD, CD-DA, CD Extra, Karaoke CD, CD-ROM (Mode 1 & 2), CD-I/FMV, Mixed Mode (Audio Combined CD-ROM Disc), DVD single/ dual layer (PTP, OTP), DVD+R, DVD+RW, DVD-R, DVD-RW
Recording Media	DVD+RW, DVD+R, DVD-RW, DVD-R, CD-RW, CD-R
Bundled Software	Sonic™ MyDVD™ production software, CyberLink PowerDVD™ player software, and CD authoring and CD editing software included
DVD±R Write Speeds	2X — 8X [b]
CD-R Write Speeds	4X — 32X [b]
DVD RW Rewrite Speeds	2X (-RW); 2.4X — 4X (+RW) [b]
CD-RW Rewrite Speeds	4X — 16X [b]
Read Speeds	12X (DVD) 16.2MB/s max. with Hi-Speed USB 2.0 1.0MB/s max. with USB 40X (CD) 6.0MB/s max. with Hi-Speed USB 2.0 1.0MB/s max. with USB
Power Consumption	14 watts, universal power supply included
Line Voltage Range	100 - 240 VAC
Operating Temperature	32°F - 113°F (0°C - 45°C)
MTBF	70,000 POH @ 10% utilization
Approvals	UL, CSA, FCC class B, TÜV, SEMKO
Dimensions	2 1/8"(h) x 6 5/8"(w) x 9 5/8"(l) 5.4cm (h) x 16.8cm (w) x 24.5cm (l)
Weight	2lbs, 15oz. (1,462g); power supply - 9oz. (247g); USB 2.0 cable - 1.5oz. (45g)
Warranty	1 year

OPTIONS FOR ALL EXTERNAL DVD±R/RW MODELS

P/N MKT-CASECD	backpack DVD±R/RW soft-sided carrying case

MicroSolutions

The port•ability leader.

800.890.7227 (U.S./Canada)
815.756.3411
815.756.2928 (FAX)
132 W. Lincoln Hwy.
DeKalb, IL 60115, U.S.A.
http://www.micro-solutions.com

PRODUCT FEATURES

- Attach to USB 2.0 port — perfect for desktop and notebook PCs
- Hot Pluggable — attach and detach the drive without restarting your PC under Windows 98, Me, 2000 and XP
- Rewrite DVD+RW, DVD-RW and CD-RW; write DVD+R, DVD-R and CD-R; and read DVD and CD-ROM discs
- Plays DVD video and reads DVD data discs
- Plays CD-ROM program and audio CDs
- Create your own custom DVDs and CDs
- Sonic™ MyDVD™ production software included
- CyberLink PowerDVD™ player software included
- DVD/CD creation and editing software included
- Device drivers for Windows (98, Me, 2000 and XP) included
- Includes uninstall utility to remove software drivers from Windows
- Also available: backpack CD-RW, CD-RW/DVD-ROM, DVD/CD-ROM, CD-ROM, hard and diskette drives

SYSTEM REQUIREMENTS
(CD-RW & DVD Data Writing)

- IBM compatible Pentium
- USB port (Hi-Speed USB 2.0 for DVD writing)
- 10MB free hard drive space per minute of music to be recorded
- Microsoft Windows (98, Me, 2000 or XP)

(DVD Video Recording/Playback)

- Intel Pentium III 500MHz processor or equivalent (Pentium 4 1.6GHz or faster recommended)
- 128MB RAM (256MB recommended)
- Hi-Speed USB 2.0
- Up to 11GB available hard disk space
- 8MB or more video RAM
- Microsoft Windows (98, Me, 2000 or XP)