The ultimate portable drive experience!
Unsurpassed in ease of installation, ease of use and compatibility with PCs.

MicroSolutions

backpack
b a n t a m ®

External
CD-RW/DVD-ROM

Model #212010

24x CD write **10**x CD re-write **24**x CD read **8**x DVD read

3 Connections Included

- **Hi-Speed USB 2.0** or USB 1.1
- PC Card
- Our exclusive parallel port connection

Applications

♪ Create and play audio CDs

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

🎥 Watch DVD movies on your PC

📁 Rewrite, backup and store your data files

Includes

- Backpack® bantam CD-RW/DVD-ROM drive
- Backpack® USB 2.0 cable (compatible with USB 1.1)
- Backpack® parallel port cable
- Backpack® PC Card adapter
- DVD player software
- SpeedyCD authoring and editing tools software
- Backpack® UDF software for drag and drop ease of use*
- Device driver for Windows (95, 98, Me, 2000, XP and NT 4)
- Step-by-Step "How To Make A CD With SpeedyCD" guide
- Lightweight universal power supply
- Buffer Underrun Protection

1 year limited warranty

Easy to Use/ Easy to Install

- Intuitive software is easy to understand - no matter what your current level of expertise

- Our step-by-step tutorial booklet guides you through making a CD in "plain English"

- Simple one-time software installation

- Backpack® UDF software lets you write to CDs from any Windows® program*

SpeedyCD Software

- Now creating CDs is easier and faster than ever!

- Installs in less than a minute!

- Easy to navigate, with only 2 screens

- "...It's the first application I've seen in quite a while that actually makes entry-level CD recording a bit easier."
  - Stephen Nathans, Editor, EMedia Magazine

Shareable/Versatile

- Portable drive can be shared among multiple PCs or between home & office

- Connects to virtually all IBM compatible PCs!
  - Hi-Speed USB 2.0/USB 1.1
  - Our patented parallel port connection works with older Pentium PCs
  - PC Card

EXTERNAL CD-RW/DVD-ROM

PARALLEL PORT, PC CARD AND USB 2.0

Model Number	Parallel Port Interface	PC Card Interface	USB 2.0 Interface	CD-RW Write, Rewrite, Read	DVD-ROM Read Speed
212010	✔	✔	✔	24x10x24	8x

SPECIFICATIONS

TRANSFER SPEED [a]	USB 2.0 — 11MB/s (max.), PC Card — 2.5MB/s (max.), EPP/ECP — 1.2MB/s (max.), USB — 1.0MB/s (max.)
BUFFER UNDERRUN PROTECTION	Yes
TYPICAL ACCESS TIME	CD-RW — 90ms average DVD — 110ms average
SUPPORTED MEDIA	CD-DA, CD-ROM Mode 1, CD-ROM XA Mode 2 (Form 1 & 2), Multisession Photo CD, CD-I, Video CD, Enhanced CD, CD-Text, DVD-ROM, DVD-R (General, Authoring), DVD-Video, DVD+/-R, DVD+/-RW, DVD-RAM (4.7GB, 2.6GB)
RECORDING MEDIA	CD-RW, CD-R
BUNDLED SOFTWARE	CyberLink PowerDVD [b] and CD authoring and CD editing tools software included
CD-RW WRITE SPEEDS	2X — 24X [c]
CD-RW REWRITE SPEEDS	2X — 10X [c]
READ SPEEDS	24X (CD-RW) 3.6MB/s max. with Hi-Speed USB 2.0 1.2MB/s max. with EPP/ECP 1.0MB/s max. with USB 8X (DVD) 11MB/s max. with Hi-Speed USB 2.0 1.2MB/s max. with EPP/ECP 1.0MB/s max. with USB
POWER CONSUMPTION	5 watts, universal power supply included
LINE VOLTAGE RANGE	100 - 240 VAC
OPERATING TEMPERATURE	41°F - 113°F (5°C - 45°C)
MTBF	60,000 POH
APPROVALS	UL, CSA, FCC class B, CE, TÜV, SEMKO
DIMENSIONS	1"(h) x 6"(w) x 8 1/2"(l) 2.54cm (h) x 15.24cm (w) x 21.59cm (l)
WEIGHT	20oz. (568g); U.S. power supply - 3oz. (85g); parallel port cable - 5oz. (142g); PC Card and cable - 3.3oz. (95g); USB 2.0 cable - 2.5oz. (72g)
WARRANTY	1 year

ADD-ON OPTIONS FOR ALL BANTAM CD-RW/DVD-ROM MODELS

P/N 836	backpack PC Card adapter with attached cable
P/N 840	backpack USB 2.0 adapter with attached cable
P/N MKT-017	backpack bantam 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, PC Card slot and Parallel Port — perfect for desktop and notebook PCs
- Supports both USB and Hi-Speed USB 2.0
- Built-in buffer underrun protection
- Hot Pluggable with USB, PC Card and Parallel Port — attach and detach the drive without restarting your PC under Windows 95 [d], 98, Me, 2000 and XP
- Rewrite CD-RW, write CD-R and read CD-ROM discs
- Plays DVD video and reads DVD data discs
- Plays CD-ROM program and audio CDs
- Create your own custom CDs – both audio and data
- Works with disaster recovery and disk imaging software through the parallel port in DOS
- Includes CD creation tools software for both audio and data CDs
- CyberLink® PowerDVD™ software included [b]
- MPC 2 compliant with USB and EPP/ECP
- Device drivers for Windows (95 [d], 98, Me, 2000, XP and NT 4 [d]) included
- Includes uninstall utility to remove software drivers from Windows
- Can be daisy-chained with other backpack drives
- Smart pass-through port (for your printer) allows you to print without disconnecting the drive when attached to the parallel port
- Uses industry standard Universal Serial Bus (USB), PC Card and Micro Solutions' patented parallel port interface technology
- Supports LPT1 - LPT3
- Also available: backpack CD-RW, hard and diskette drives

SYSTEM REQUIREMENTS

- Microsoft Windows 95 [d], 98, Me, 2000, XP or NT 4 [d]
- USB port or standard EPP/ECP parallel port
- USB 2.0 capability (for DVD video playback)
- IBM compatible Pentium (Pentium II or faster required for DVD video playback)
- 8MB or more video RAM recommended (for DVD video playback)
- 16MB RAM min., 32MB RAM recommended
- 10MB free hard drive space per minute of music to be recorded

Specifications subject to change without notice. Backpack is a registered trademark of Micro Solutions, Inc. All other trademarks are the property of their respective owners.
*Not currently supported in Windows 2000, XP or NT 4.
[a]**Max. transfer speeds. Transfer speeds are dependent on the host PC.**
[b]**DVD player software requires Windows 98, Me, 2000 or XP and USB 2.0.**
[c]**Maximum speeds are not guaranteed. Actual speeds may be less on slower Pentiums.**
[d]**USB not supported under Windows 95 or Windows NT 4.**