

Compatibility

MaynStream is compatible with the following systems and LANs:

- ACER 710 and 910
- AST Premium/286 and Premium/386
- AT&T 6300 and 6300+
- Canon PC
- Commodore PC 10
- Compaq Plus, Portable, Portable 286, Portable II, Portable III, Deskpro, Deskpro 286, Deskpro 386, 386s, and 386-20
- Corona Desktop and Portable
- Dell System 200, 220, and 310
- Epson Equity I, II, and III
- Heath 150
- HP Vectra
- Hyundai Super-16T
- IBM PC, XT, XT 286, AT, 3270 PC, 3270 AT, Portable PC, Personal System/2 Models 25, 30, 50, 50Z, 60, 70, and 80
- ITT Xtra, XP, XL, Xtra 286, Models 302, 440, 770
- Kaypro PC, 286, 386
- Leading Edge PC Model D, Model M, and Model D2
- NCR Model 4i, 6, 8, 3390, 710, 810, and 916
- NEC Powermate and Powermate 4
- Olivetti
- Panasonic Senior Partner and Business Partner
- Samsung S500
- Sperry PC, IT
- Tandy 1200, 2000, 3000, 3000HL, and 4000
- Toshiba T1200, T2100, and T3100
- WYSEpc, WYSEpc 286, and WYSEpc 386
- ZENITH 150, 151, 158, 248
- 3-COM
- Arcnet
- Corvus
- FOX 10
- G/Net
- IBM PC Network, IBM Token Ring
- Novell Advanced Netware 86 and 286, Novell Netware ver. 4.61, Novell SFT Netware
- Orchid
- OmniNet
- Quadnet
- Ungermann-Bass
- PC NET

Write Today For Your Free MaynStream Demo Diskette!

Our free Demo Program will give you a "hands on" experience of today's most advanced, most reliable, easiest-to-use tape backup system on the market... MaynStream!

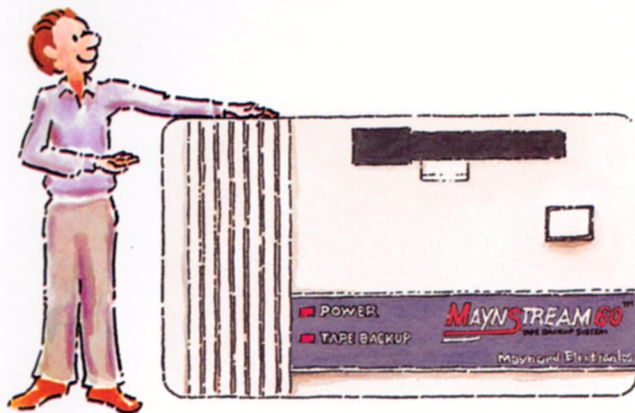
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Maynard Electronics

We're backing you one-hundred percent.

460 E. Semoran Blvd., Casselberry, FL 32707 407/331-6402

MAYNSTREAM TAPE BACKUP SYSTEMS



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ARE YOU SURE?

One wrong move and goodbye data.

Every computer user faces this question in some form, each day. To delete or not to delete. To save or not to save, when saving means overwriting the previous version of a file. If you answer yes and you're wrong, *countless hours of work wiped out by a single keystroke!* And there won't be anything you can do about it, unless your files are backed up.

Accidental deletion is just one way you can lose files. Disk failure, accidental formatting, power surges



and failures—any of these can sneak up on you when you least expect it. That's why experienced users back up their hard drives faithfully. With today's fast, high-capacity personal computers, backing up important files is essential. And nothing will make a believer out of you like finding out, just once, that you weren't as sure as you thought.

MAYNSTREAM: A SURE THING.



MaynStream is a file-by-file backup system that protects information on your drive by copying it onto a special cassette or cartridge tape, and restoring it from the tape to any drive you specify, on command. So if lightning does strike, or you accidentally touch a wrong key, MaynStream will restore your files immediately, just as if they were never gone. With MaynStream, you can be sure!



Portability: One For All.

You can use a single, portable MaynStream to back up all your computers! There's no need to buy a separate backup unit for each system. Just snap the same MaynStream onto each PS/2, PC, or compatible equipped with our low-cost controller, back up its hard drive quickly and easily, and move on to the next. It's as simple as that! And you can back up from 20 megabytes to 2.2 gigabytes of data onto a single tape. MaynStream lets you store any number of backups you want on a single tape or multiple tapes.

File-By-File Flexibility.

With file-by-file, you're free to select individual files, directories, or your entire hard drive for backing up or restoring. MaynStream will do the rest. And if your hard disk crashes, or you accidentally delete files, MaynStream can restore one file, many files, or all files to a new hard drive. That just isn't possible with systems that don't offer file-by-file protection.

The MaynStream Tape: Friendlier Than A Floppy.

MaynStream is designed to work with all PC and PS/2 hardware. So, whether you have a PC or compatible, or a PS/2 Model 25, 30, 50Z, 60, 70, or 80, MaynStream is as friendly as can be: files backed up on any DOS system can be restored to any other. Transfer information from a Compaq 386 to an NCR, from a PC to a PS/2 Model 50 to a Leading Edge to a... you name it! Plus, MaynStream backs up floppies, RAM disks, networks—wherever you have files that need protection, and you can restore from any of these to any other! MaynStream uses its own interface, not the floppy interface, so it's fast, reliable and shakes hands with the whole gang!



When We Say Fast...

MaynStream makes use of *multi-tasking*, which means it reads from the drive and writes to the tape at the same time. The result is incredible speed. In fact, MaynStream will back up the average 20MB drive in *under 5 minutes*, file-by-file! * *PC Digest* rated it as the *fastest* tape backup!

Network Backup Never Worked Better.

MaynStream is Novell-approved and has a networking feature designed to work with all popular Local Area Networks, including Novell, 3COM, and IBM's Token Ring, and many others. Plus, MaynStream will not only back up a network while the network is up and running, but will actually back up open files automatically once they're closed!



The Inside Track.



We also offer MaynStream models designed for internal installation in the PC or compatible, or PS/2 Model 50, 60, 70, or 80. And the internal MaynStream models are available with a number of faceplates designed to complement today's most popular computers.

Systems & Sizes.

Portable Models—MaynStream is available as a portable system in 20 and 60MB cassette and 60 and 150MB cartridge versions for all PCs and compatibles, and all PS/2 Models. The MaynStream 2200HS is a 2.2 gigabyte portable system for all PCs, Compatibles, and PS/2 models.

Internal Models—MaynStream is available as an internal system in 20, 60 and 150MB cassette and 60 and 150MB cartridge versions for all PCs, XTs, ATs, and compatibles, and for the PS/2 Models 60 and 80. The 3.5" format, 150MB Cassette system is also internally compatible with PS/2 Models 50 and 70.

Cassettes & Cartridges.

Maynard's special Digital Data Cassettes, Cartridges, and 8mm Data Cassettes are designed for unsurpassed performance and reliability. Tape movement is carefully controlled for uniform speed, exact tape tension, and extended tape life. Extra tapes are available for the MaynStream cassette models, the MaynStream cartridge models, and the 2200 HS tape backup system.

Super MaynStreaming: 2200MB!

For those with backup needs greater than 300MB, the MaynStream 2200HS uses helical scan technology to place up to 2200MB of data on a single pocket-sized tape! The MaynStream 2200HS is ideal for LANs with large volume server disks or multi-user systems. You're free to leave the backup process to take care of other matters.

Although the hardware is different, the MaynStream 2200HS still uses the same, reliable software found with all other MaynStream systems. The MaynStream 2200HS; fast, file-by-file, highly compatible, and 2200 megabytes on a single tape!



MAYNSTREAM:

ONE-HUNDRED PERCENT.

MaynStream offers four software levels to meet you at your degree of proficiency: Automatic Backup, Save, TMenu, and Advanced Command Structure. Backup is a breeze, even for the beginning user. You'll see all the options you need right on the screen. Just press the return key twice and go! What's more, in seconds, you can even customize the backup process to work the way that's best for you.

Automatic Backup

So simple, you don't have to do anything! MaynStream automatically begins backup of your hard drive at a previously assigned day and time. Lets you select up to 8 specific "scripts" (groups of files) for backup any time across a 7-day period. And if you turn your computer off before Automatic Backup starts, MaynStream will display a message the next time you turn the system on, reminding you that you still need to back up!

Save

A special feature for the inexperienced user. Simply type SAVE to back up an entire hard drive, file-by-file! During the MaynStream software installation process, a SAVE diskette can be created which the beginner can take from one computer to the next, backing up each system equipped with a MaynStream controller (This process requires the MaynStream portable, of course). Backing up all the computers in the office is quick and easy!

Backup

Use this menu item to select an entire drive for backup, or to mark as many specific files as you like, even files in different directories or on different drives. Once the files are marked, select GO. MaynStream will back up all the designated files at once, even if one is from a RAM disk, one is from your hard drive, and one is from the network you use.

Restore

Just like using BACKUP. Select RESTORE, then mark the files or directories you'd like copied from the tape to the target drive you indicate. Simply select GO and MaynStream will do the rest.



Backup Scripts

NAME SCRIPT lets you assign names to your most frequently backed up groups of files for quick backup. You create the script name, up to eight characters long. To back up a script, just highlight the name, press (ENTER) to select the script, then enter again to GO. With MaynStream, you can even create a script named MODIFY, which backs up only those files that have changed since the last backup. Scripts can also be used in the Automatic Backup (see above) and Advanced Command Structure (see below).

Archive

Lets you free up room on your hard drive (sure beats buying another one), by transferring inactive files to tape. ARCHIVE combines the BACKUP and VERIFY features, then asks you if you want to remove files from the drive. Once on tape, the archived files can be restored in seconds, just like normally backed up files.

Verify

While it's writing to the tape, MaynStream automatically verifies that the files copied are identical to the ones on the drive. You can perform VERIFY immediately following a backup or restore. Any combination of individual files, directories, or an entire drive may be verified, and you can compare files later to make sure they haven't changed.

Utilities

Allows you to tighten the tape, erase it, display a tape directory, or back up your drive in image mode. MaynStream tapes are ready to use immediately, so no "format" utility is needed. Why sit around waiting to format a tape when you can "hit the ground" backing up?

Password Protection

Assigning a password to the backup protects files by preventing unauthorized access. Once a backup has been given a password, the user must enter the exact password or access will be denied. Keeps the information on your backup tape personal. A tape retains its password until the password is changed or erased.

Networking

Designed to work with all popular LANs, including Novell, 3COM, and IBM's PCNet and Token Ring, MaynStream will back up a network while the network is up and running, and if you choose, will actually back up open files automatically once they're closed! MaynStream is Novell-approved and backs up and restores security information, file attributes, hidden files, and bindery information.

What The Experts Are Saying...

"Last summer, PC World tested four tape backup units and tagged Maynard Electronics' MaynStream as the best backup system based on a combination of speed, convenience, and value... One year later, the new MaynStream 60 performs just as quickly and efficiently, sweetening the deal with extensive LAN support and the first controller card that supports IBM's PS/2 Models 50, 60, and 80... MaynStream offers flexibility and speed. The drive comes with password protection, an excellent archiving feature, and a well-organized manual with clear, step-by-step instructions."

— Art Wilcox
PC World

"Our nod goes to the Maynard (MaynStream). It's not only the fastest and quietest of the entire group, it's less expensive... On the test bench, the Maynard (MaynStream) ran like Secretariat."

— Info World

"Maynard Electronics is offering both internal and external versions of the MaynStream 60, which includes a full-length PS/2 adaptor card. The impressively fast MaynStream... would be an excellent choice for backing up your data."

— Mitt Jones
PC Magazine

"Maynard... excels with its MaynStream backup software. Menu-driven, MaynStream has a very clear user interface, including an easy point-and-tag system for selecting which files and directories are to be backed up."

— LAN Magazine

"Maynard truly demystifies the hard disk data backup process by combining easy-to-use, powerful software with the fastest tape backup device available."

— Kevin Reilly
Communique

"Maynard deserves credit: in a fast league with a lot of very sharp players, Maynard has come out on top. It doesn't hurt a bit from the PC user's perspective that the PS/2s so badly need a backup medium—nor that the MaynStream is one of the best tape backup units around..."

— Jim Seymour
Microbusiness

ADVANCED SOFTWARE FEATURES

TMenu (Tape Menu System)

+ / - Keys. These keys give you a quick way to select files for BACKUP, RESTORE, ARCHIVE, and VERIFY. After entering SELECT in any of these commands, a list of *include* (+) or *exclude* (-) options can be displayed by pressing the appropriate key.

This feature provides remarkable flexibility by allowing you to specify files, directories, and file extensions to be included or excluded in the backup, restore, or verify operation. Every subdirectory under a chosen directory can be included or excluded; or you can back up only the files that have changed since the last backup, by simply answering "Y" to the INCLUDE ONLY FILES MODIFIED prompt. The + and - keys can also be used to select files for backup by the date they were created. The + key provides the option of moving files from one directory to another, or of restoring a file to a new directory. Wildcard characters (? and *) may be used in conjunction with these special keys for added convenience in identifying files for backup and restore.

Configuring TMenu. MaynStream's software allows the user to change the TMenu parameters. Its 18 configuration options include: displaying TMenu in color; video card compatibility; prompting for tape label; prompting for password protection; listing filenames; automatic backup of non-DOS partitions; hidden files backup; special files backup; archive bit control; prompting for "read only" files; skipping existing files; sending output to a file, printer, or screen; network selection; skipping open network files; naming partitions; matching DMA; matching interrupts; matching I/O addresses (no matching required for the PS/2).

Advanced Command Structure

Provided at no additional cost! Includes TBACKUP, TRESTORE, TVERIFY, TDIR, and TENSION, entered at the DOS prompt. These commands perform the same function as their counterpart in TMenu, and give the more advanced user additional options and even greater control of backup and restore operations. VARs can use them to set up sophisticated backup and restore sequences. The Advanced Command Line consists of any Advanced Command plus a path and parameters; it can include more than one file specification, allowing you to designate different drives, directories, or files, all in a single command. Up to 127 characters can be entered on one command line, but the @ symbol allows you to specify an almost limitless number of files.

@ Symbol. Tells the command you have selected to look for file specifications and parameters in a script. Placing this symbol in a script can direct the command to another script for even greater flexibility and control in file selection.

Configuring Advanced Commands. Many parameters are available for customizing Advanced Commands through the MSII.CFG file. These include: append, date-selected files, tape erase, list files, image mode backup, tape label, copy listing to another file, include modified files, include non-DOS partitions, pause for full screen, assign password, prompt before restoring "read only" or "modified" files, do not restore existing files, include subdirectories, display files the width of the screen, automatically answer "Y" to each command question, exclude files, automatically restore/verify more than one backup set, set the archive bit, do not list files, exclude hidden files, exclude special files, start at specified backup set, 3270 compatibility, select DMA, select IRQ, select I/O address. Specifying these parameters after an Advanced Command overrides the default setting in the MaynStream configuration file.

Technical Information

	1/8" Cassette	8mm Digital Cassette	1/4" Cartridge
Capacity/Compatibility:	20MB ●●▲▲* 60MB ●●▲▲ 150MB ●●▲▲‡	2200MB ●▲▲	60MB ●●▲▲† 150MB ●●▲▲
Tracks:	20=4 60=9 150=17	819.35	60=9 150=18
Data Transfer Rate:	20/60=72KB/sec 150=116KB/sec	235KB/sec	72KB/sec
Recording Density:	20/60=10K bpi 150=12.8K bpi	43.2K bpi	60=10K bpi 150=12.5K bpi
Power Consumption:	Portable=VAC 110 or 220 Internal=10-25w operating	VAC 110 or 220	Portable=VAC 110 or 220 Internal=10-25w operating
PC Model Dimensions (HxWxD):	Portable=3.5"x5.875"x14.5" Internal=1.625"x5.75"x8.125"	3.5"x5.875"x14.5"	Portable=3.5"x5.875"x14.5" Internal=3.25"x5.75"x8.125"
PS/2 Model Dimensions (HxWxD):	Portable=3.5"x5.875"x14.5" Internal=4.25"x6.5"x8.75"	3.5"x5.875"x14.5"	Portable=3.5"x5.875"x14.5" Internal=4.25"x6.5"x8.75"
Weight:	Portable=8 lbs. Internal 20/60=2.5 lbs. Internal 150=1.5 lbs.	7.25 lbs.	Portable=8 lbs. Internal=2.5 lbs.
Interface:	20/60=QIC-02 150=SCSI	SCSI	QIC-02
PS/2 IBM-approved ID:	20/60=568B 150=568D	568D	568B
PC I/O Address:	370-377H (primary) 360-367H	370-377H (primary) 360-367H	370-377H (primary) 360-367H
PS/2 I/O Address:	FF70-FF77H (primary) FF60-FF67H	FF70-FF77H (primary) FF60-FF67H	FF70-FF77H (primary) FF60-FF67H
PC DMA:	Supports 1, 2, 3, or Programmed I/O Default 1	Supports 1, 2, 3, or Programmed I/O Default 1	Supports 1, 2, 3, or Programmed I/O Default 1
PS/2 Arbitration Level:	Supports 1, 3-7 Default 6 0=programmed I/O	Supports 1, 3-7 Default 6 0=programmed I/O	Supports 1, 3-7 Default 6 0=programmed I/O
PC Interrupt:	Supports 2-7 Default 3 0=programmed I/O	Supports 2-7 Default 3 0=programmed I/O	Supports 2-7 Default 3 0=programmed I/O
PS/2 Interrupt:	Supports 2, 3, 5, 7 Default 2 Level Sensitive	Supports 2, 3, 5, 7 Default 2 Level Sensitive	Supports 2, 3, 5, 7 Default 2 Level Sensitive
Operating Environment:	41° - 113° F	41° - 113° F	41° - 113° F
Relative Humidity:	8-80%	8-80%	8-80%
Service Life:	5 years/30,000 hrs.	5 years/30,000 hrs.	5 years/30,000 hrs.

KEY

- = Internal
- = Portable
- ▲ = PC
- ▲ = PS/2

* This model is not available internally for the PS/2

† This model is a full height drive

‡ For internal PS/2s, this model is compatible with the models 50 and 70 only

Uses 8-bit DMA. Default is to pre-empt bursting device, but optional ability to not preempt is available. High technology concurrent data transfer for maximum data throughput. The MaynStream XENIX device driver supports tar and other XENIX backup utilities, file by file. Works with all other operating systems in image mode. The MaynStream 150Q model requires our 600 XTD cartridge or 3M's 600 XTD.