

MAYNSTREAM™ 2200HS

Tape Backup System

The MaynStream 2200HS is a 2.2 gigabyte Tape Backup System. This portable, high capacity system is ideal for local area networks, multi-user systems, or single user systems with large volume hard drives. The 2200HS combines helical scan technology to increase the capacity of a single, 8mm digital cassette with the highly acclaimed* MaynStream software.



Features and Benefits

- Fast, File-by-File Backup — lets you quickly back up all or part of your drive.
- SAVE Command — the quick way for novice users to back up. Just type SAVE.
- Menu Driven Software — these pop down menus are designed so the software is familiar to the average manager. With menus you can see all but the most advanced of the MaynStream software options at once.
- Command Line Software — flexible, DOS-like commands for the advanced user who utilizes batch files to execute commands.
- Portable Design — use one MaynStream to back up all of your PCs and PS/2s. The convenient handle, light weight, and pocket-sized 8mm cassette make it easy to move from department to department.
- Password Protection — Maynard Electronics pioneered this feature for tape backup. Passwords prevent unauthorized access to the data on the tape. The data can be erased or destroyed but it cannot be viewed by someone who does not know the password.
- Automatic Backup — operates like a VCR. Once it is preset the Automatic Backup will back up whatever files you selected at a predescribed time.
- Networking Features — backs up bindery and other network files while the network is up and running. Includes the ability to skip open files or wait for them to close. Creates a "skipped" script. This is a file that includes all of the names of the files skipped during a backup. You can automatically back up skipped files at a later time.



Compatibility

COMPUTERS

ACER 710 and 910	50, 60, 70, and 80
AST Premium/286 and Premium/386	ITT XTRA and XP
AT&T 6300 and 6300 +	Leading Edge PC Model D, Model M, and Model D2
Canon PC	NCR Model 4i, 6, 8, 3390, 710, 810, and 916
Commodore PC 10	NEC Powermate and Powermate 4
Compaq Portable, Portable 286, Portable II, Deskpro, Deskpro 286, Plus, Deskpro 386, and Deskpro 386s	Olivetti
Corona Desktop, Corona Portable	Panasonic Senior Partner and Business Partner
Dell System 200, 220, and 310	Samsung S500
Epson Equity I, II, and III	Sperry PC
Heath 150	Tandy 1200, 2000, 3000, 3000HL, and 4000
HP Vectra	Toshiba T1200, T2100, and T3100
Hyundai Super-16T	WYSEpc, WYSEpc 286, and WYSEpc 386
IBM PC, PC XT, PC XT 286, PC AT, 3270 PC, 3270 AT, Portable PC, Personal System/2 Models 25, 30,	Zenith 150, and 158

NETWORKS

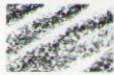
3-COM ■ Novell Advanced Netware 86, Novell Advanced Netware 286, Novell Netware ver. 4.61, Novell SFT Netware ■ IBM PC Network, IBM Token Ring ■ MS-NET Network ■ PC Net.

These lists are continually expanding. If your computer or network is not listed, contact Maynard Electronics to see if this product supports your system.

*PC Magazine Editors Choice May 1988, PC Digest May 1987, InfoWorld September 1987.

Maynard Electronics
We're backing you one-hundred percent.

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



Technical Specifications

This system uses helical scan technology where the read, write and servo heads are mounted at approximately a 5 degree angle on a rotating drum. The 8mm cassette tape is wrapped 221 degrees around the drum. These three heads then work together to write very narrow diagonal tracks of information to the tape. Low tensions and other forces result in long life for both the media and the drive.

■ Powerful Error Correction Code. Corrects up to 264 bytes in each data block ■ Read-After-Write Error Checking and Automatic Re-write ■ Read Error Rate of 1 in 10¹³ bits ■ Write Error Rate of 1 in 10¹⁵ bits ■ Transfer Rate of up to 235 Kbytes/sec continuous ■ 256 Kbyte Speed-matching Buffer ■ Head Speed of 1800 RPM ■ Effective Head to Tape Speed of 150 inches/sec ■ Actual Tape Movement of 0.5 inches/sec ■ Rewind Time of 135 seconds ■ Linear Recording Density: Flux 54,000 FR/inch (2126 FR/mm) Bit 43,200 bits/inch (1701 bits/mm) ■ Areal Recording Density: Flux 44.2 MFR/sqi (68.6 KFR/sqmm) Bit 35.4 Mbits/sqi (54.9 Kbits/sqmm) ■ MTBF: 20,000 hours* ■ Dimensions: 3.5" x 5.875" x 14.5" ■ Weight: 7.25 lbs.

TRACK INFORMATION:

Width: 0.00098 in. (0.031 mm) Guard Band: 0.028 in. (0.7 mm)
Length: 3.037 in. (77.144 mm) Capacity: 8192 bytes of user data
Pitch: 0.00122 in. (0.031 mm) Density: 819.35 tracks/inch
Angle: 4.9° (32.26 tracks/mm)

MEDIA — MaynStream 8mm Digital Data Cassette. Industry Standard Removable, Rewritable 8mm Tape Cassette with write protect switch.

Tape Width: 8.0mm Coercivity: 1450 Oe
Tape Thickness: 13 microns Retentivity: 2300 Gauss
Breaking Strength: 3.0 Kg Dimensions: 3.5" x 2.625" x .5"
Residual Elongation: 0.02% Weight: 1.6 ozs.

ENVIRONMENTAL SPECIFICATIONS*

Temperature Range: +41° to +113° F
Max Temperature Variation: less than 2° F per minute not more than 18° F per hour
Relative Humidity: (Operating) 20% to 80%; non-condensing.
(Storage) 10% to 90%; non-condensing.

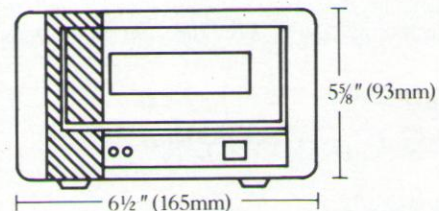
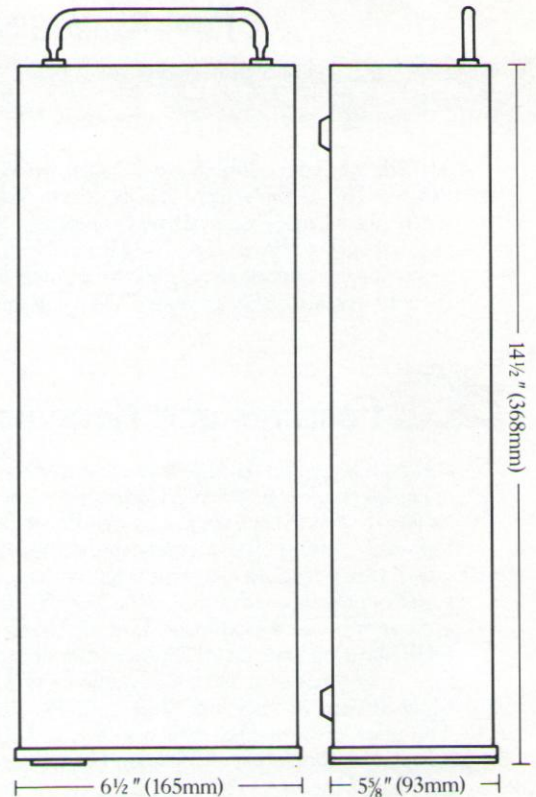
ELECTRICAL

Electrostatic Discharge Immunity: 10,000 Volts*
Power: 110 or 220 VAC
Power Consumption: 1 Amp

OPERATION

Front loading cassette ■ Power-Up Self Test ■ Front Panel Indicators: Self Test, Ready, Error LEDs ■ Cassette Unload Push-button

*This information is based on the drive only.



MaynStream 2200HS Part Numbers

42201 MaynStream 2200HS System for PCs, XT's, AT's and true Compatibles and PS/2 Models 25 and 30 ■ 42203 MaynStream 2200HS System for the PS/2 Models 50, 60, 70, and 80 ■ 40001 MaynStream "SCSI" Controller Card ■ 40003 MaynStream "SCSI" PS/2 Adapter ■ 40005 MaynStream "SCSI" External Data Cable ■ 90522 MaynStream 8mm Digital Data Cassette

NOTE: Maynard Electronics makes two kinds of interface cards; green QIC-02 controllers and blue "SCSI" controllers. The MaynStream 2200HS is a blue series "SCSI" product and works only with blue "SCSI" controller cards like the ones included with the systems above, not with the green QIC-02 cards.



Other MaynStream Products

MaynStream Portable Cassette Systems for the PC and PS/2 ■ MaynStream Portable Cartridge Systems for the PC and PS/2 ■ MaynStream Internal Cassette Systems for the PC and PS/2 ■ MaynStream Internal Cartridge Systems for the PC and PS/2.

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