Three environments to choose from.
Since SY-TOS is included,
you can use it the same day you buy it.

TURBOTAPE


MACH-7

MACH-7x

MACH-5
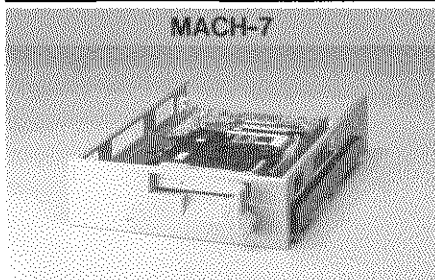
Features a large 160MB capacity, a space-saving, internal 3.5" form-factor streamer, and compatibility with the 5 1/4" form-factor.

■High-speed transfer of data
Data transfer of up to 7 MB/minute (112.5 KB/second) is guaranteed by the 90 ips tape speed and 12,800 bpi recording density. As much as 160 MB of data can be transferred in about 23 minutes.

■Space-saving, internal 3.5" form-factor, compatible with the 5 1/4" form-factor
The drive has the same bezel size as a standard 3.5" floppy disk drive.
With the adapter that is attached for the 5 1/4" form-factor, the MACH 7 can handle both the 3.5" form-factor and the 5 1/4" form-factor.
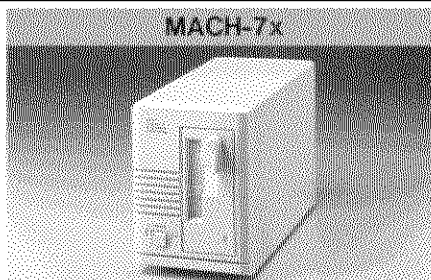
With a built-in power supply, this stand-alone 160 MB model is complete.

■Compact and simple design
The power supply is built-in.
The design is simple, the components are skillfully integrated so connections are easy and space is conserved.
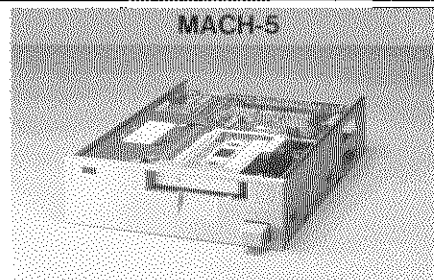
■High-speed transfer
Data transfer of up to 7 MB/minute is guaranteed by the 90 ips tape speed and 12,800 bpi recording density.
As much as 160MB of data can be transferred in about 23 minutes.

■Automatic voltage switching from 85 V to 264 V
The MACH 7x can handle voltages from 85 V to 264 V and frequencies from 45 Hz to 67 Hz. The required power source is not fixed, but is variable with this universal model.

High-speed transfer of 60MB in only 12 minutes Internal 5 1/4" form-factor

■Room for 60 MB of data
The 60 MB data storage is useful for tasks other than hard disk backup.
This capacity is useful for specific tasks like file management and loading programs to and from the computer.
But, there is more. The 90 ips tape speed coupled with the efficient, high recording density of 8,000 bpi makes the fast 5 MB/minute (86.3 Kbytes/second) transfer speed possible. An impressive 60 MB of data can be transferred in only 12 minutes.

■A slim 41 mm
For reliable tape loading in a lightweight, compact unit, the slide lock is incorporated.

SPECIFICATIONS

	MACH-7	MACH-7x	MACH-5
Drive	MT-2ST/N55	SB-3000D	MT-2ST/45D
Formatted Capacity	164.0Mbytes	164.0Mbytes	61.4Mbytes
Data Transfer Rate	7Mbytes min.	7Mbytes min.	5Mbtyes min.
Tape Speed	90ips (228.6cm s)	90ips (228.6cm s)	90ips (228.6cm s)
Tracks	17	17	9
Rewind Time (approx.)	80sec. (CT-600N)	80sec. (CT-600N)	60sec. (CT-600H)
Magnetic Tape	CT-600N or equivalent	CT-600N or equivalent	CT-600H or equivalent
Power Source	+5V±5% DC, +12V+5% DC	85−264V AC, (45−67Hz)	+5V±5% DC, +12V±5% DC
Power Consumption	Max.0.8A (+5V DC) Max.1.3A (+12V DC)	Max.0.4A (100V AC) Max.0.2A (200V AC)	Max.1.1A (+5V DC) Max.1.6A (+12V DC)
Dimensions (W × H × D) (approx.)	4˝ × 1⅝˝ × 5¾˝ (3.5˝ form) (101.6 × 41.3 × 146mm)	3⅞˝ × 5¾˝ × 9⅜˝ (98 × 145 × 240mm) (excluding protrusions)	5¾˝ × 1⅝˝ × 8˝ (146 × 41.3 × 203mm)
Weight (approx.)	1.4 lbs. (650g)	6.0 lbs. (2.7kg)	2.6 lbs. (1.2kg)
Ambient Temperature	Operating : 41°−113°F (5°−45°C)		
Relative Humidity	Operating : 20−80% (noncondensing)		
Vibration	Operating : 0.5G or less (5−100Hz) 0.25G or less (100−500Hz)		
Shock	Operating : 5G or less (10 msec. or less)		

TURBOTAPE SERIES CONFIGURATION

	MACH-7	MACH-7x	MACH-5
Software (SY-TOS) User's Guide	●	●	●
Instruction Manual	●	●	●
Software 3.5˝ & 5¼˝ Floppy Disks	●	●	●
Interface Board	●	●	●
Data Cassette Tape	CT-600N	CT-600N	CT-600H
Cleaning Kit	—	●	—
Interface Cable	● (Flat-type)	● (Amphenol-type)	● (Flat-type)
Power Cable	—	●	—
5¼˝ Adaptor Bracket	●	—	—
Rail	●	—	●
Rail Bracket	●	—	●

Target computers: IBM PC/AT or compatibles, Software Requirements/The SY-TOS software runs on the following operating and network systems./Version 2.1 or later versions of the PC-DOS or MS-DOS™ operating systems/Advanced NetWare™ 1.01 or later versions from Novell, Inc. This includes ELS Level I and SFT Levels I and II with TTS/IBM PC LAN 1.12 or later versions, MS-NET and compatible net working environments/Version 1.2 of the 3COM™ 3+® network environment

Specifications

	MACH 14	MACH 14X	MACH 14X PS2	MACH 7X PS2
Internal or external	Internal	External	External	External
Data transfer rate	Up to 14MB/min.	Up to 14MB/min.	Up to 14MB/min.	Up to 7MB/min.
Storage capacity	600MB/1.2G	600MB/1.2G	600MB/1.2G	160MB/320MB
Tape speed	60 ips	60 ips	60 ips	90 ips
Tracks	21	21	21	17
Rewind time	80 seconds	80 seconds	80 seconds	80 seconds
Magnetic tape	CT-600F	CT-600F	CT-600F	CT-600N
Power source	+5V, +1/-5% +12V, +1/-5%	85~264V AC	85~264V AC	85~264V AC
Power consumption	Max. 1.0A (+5V) Max. 1.3A (+12V)	Max. 0.4A (100V AC) Max. 0.2A (200V AC)	Max. 0.4A (100V AC) Max. 0.2A (200V AC)	Max. 0.4A (100V AC) Max. 0.2A (200V AC)
Dimensions (W x H x D) approx.	4" x 1 5/8" x 5 3/4" 5 3/8" x 1 5/8" x 8"	3 7/8" x 5 3/4" x 9 7/16"	3 7/8" x 5 3/4" x 9 7/16"	3 7/8" x 5 3/4" x 9 7/16"
Weight, approx.	1.4 lbs.	6.0 lbs.	6.0 lbs.	6.0 lbs.
Ambient temperature	Operating 5~45°C (41°~113°F)	Operating 5~45°C (41°~113°F)	Operating 5~45°C (41°~113°F)	Operating 5~45°C (41°~113°F)
Relative humidity	Operating 20~30°	Operating 20~80°	Operating 20~80°	Operating 20~80°
Vibration	Operating 0.5G or less	Operating 0.5G or less	Operating 0.5G or less	Operating 0.5G or less
Shock	Operating 5G or less	Operating 5G or less	Operating 5G or less	Operating 5G or less

Configuration

	MACH 14	MACH 14X	MACH 14X PS2	MACH 7X PS2
Software (Sytos Plus) User's guide	X	X	X	X
Instruction manual	X	X	X	X
Software 3.5" & 5.25" floppy disks	X	X	X	X
Interface board	SCSI	SCSI	SCSI	MCA
Data cassette tape	CT-600F	CT-600F	CT-600F	CT-600N
Cleaning kit		X	X	X
Interface cable	X	X	X	X
Power cable		X	X	X
5.25" adaptor bracket	X			
Rail	X			
Rail bracket	X			
Terminator		X	X	
ID select		X	X	
Dual connectors		X	X	

Registered trademarks: Sytos Plus is from Systron Corp. MS-DOS and MS-NET are products of Microsoft Corp. Netware & Novell are trademarks of Novell, Inc. IBM, PCLAN, PC/AT, & PS2 are from International Business Machines Corp. 3COM and 3+ are 3COM Corporation's products.

TEAC America, Inc., 7733 Telegraph Rd., Montebello, CA 90640 (213)726-0303

Subj : Sytos Plus Drivers
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Turbo Tape Mach 5 - 60 megabytes
-> Driver Name - ISA - TEAC MT2ST 45D AT
                 MCA - TEAC MT2ST 45D MC
-> Interface Adapter - Teac DC-1 (ISA)
                       Teac DC-2 (MCA
-> Data Cassette   - Read/Write Teac   CT600H
                                   Maxell CS600HD

Turbo Tape Mach 7, 7X & 7X PS2 - 160 megabytes
-> Driver Name - ISA - TEAC MT2ST N55 AT
                 MCA - TEAC MT2ST N55 MC
-> Interface Adapter - Teac DC-1 (ISA)
                       Teac DC-2 (MCA)
-> Data Cassete   - Write/Read Teac   CT600N
                                   Maxell CS600XD
                      - Read Only Teac   CT600H
                                   Maxell CS600HD

Turbo Tape Mach 14, 14X & 14X PS2 - 600 megabytes
-> Driver Name - ISA - TEAC MT2ST F50 PMT
                 MCA - TEAC MT2ST F50 PMT
-> Interface Adapter - Teac DC-3 (MCA)
                       Teac DC-4 (MCA)
-> Data Cassette   - Write/Read Teac   CT600F
                                   Maxell CS600SX
                      Read Only   Teac   CT600N , CT600H
                                   Maxell CS600XD, CS600HD

Other drivers provided in the Teac OEM version of Sytos Plus.
-> TEAC MT2ST N50 PMT   - 160 meg SCSI for the PROCOM Adapter
                          CT600N data cassette.
   TEAC MT2ST F50B PMT - 600 meg SCSI (big buffer) for the
                          PROCOM Adapter - CT600F.
   TEAC MT01N PMT   - 155 meg SCSI for the PROCOM Adapter
                          DC2155 data cartridge.
   TEAC MT2ST N50 AHA - 160 meg SCSI for the ADAPTEC Adapter
                          CT600N data cassette.
   TEAC MT2ST F50 AHA - 600 meg SCSI for the ADAPTEC Adapter
                          CT600F data cassette.
   TEAC MT2ST F50B AHA - 600 meg SSCSI (big buffer) for the
                          ADAPTEC Adapter - CT600F.
   TEAC MT01N AHA   - 155 meg SCSI for the ADAPTEC Adapter
                          DC2155 data cartridge.

Other files provided.
-> PS2 configuration file for the Teac DC-2: @518A.ADF
   PS2 configuration file for the Teac DC-4: @7F01.ADF

Interface adapters - definition
-> Teac DC-1 = Teac 8 bit DC-1 - ISA
   Teac DC-2 = Teac   DC-2 - MCA
   Teac DC-3 = Procom 8 bit CCE - ISA
   Teac DC-4 = Procom MCE   - MCA

The drivers for the Teac DC-1 will work correctly at DMA #1,
2 and 3, any of the Interrupt channels (IRQ) and Base address
between the range of 000h to 3FCh. These parameters are set
by entering the "UTILITIES" menu then the "BACKUP DEVICE
SETUP" submenu then either by adding a device or by editing a
device.

Drivers for both the Procom and the Adaptec SCSI interface
adapters perform an auto configuration. The Procom CCE will
display configuration parameters in the "BACKUP DEVICE SETUP"
menu that are unchangeable. The Adaptec adapters normally
will not display any configuration parameters in the "BACKUP
DEVICE SETUP" menu.