



Marketing Bulletin

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New Product Announcement: **40 & 60 GB Streamer Tape Drives** *High Capacity, High Speed Backup*

Dear Alpha Micro Dealer:

We are pleased to announce two high capacity, high performance tape drive additions to our product line. Both drives are the latest generation ¼" streamer format that has served AMOS systems reliably for over 10 years. Their impressive performance and 40 to 60 GB capacities are truly remarkable!

Faster Backup Speeds with Wide SCSI Interface

Both new drives have Wide SCSI interfaces. This results in transfer speeds that are dramatically faster than previous generation tape drives. **Based upon our tests on an AM-7000 system, both drives are 1.7 to 2.5 times faster than the current top of the line AM-629 tape drive!**

Larger Capacities to Match Larger Disk Drives

With disk capacities soaring, new tape drives with complementary capacities were needed. The new AM-651 drive can store from 20 to 40 GB per tape, depending on data compression. The AM-652 can store from 30 to 60 GB per tape. The following table summarizes the tape drive storage capacities, depending upon the tape cartridge used:

<u>Device</u>	<u>Cartridge</u>	<u>Maximum Capacity</u>
AM-651	SLR7	40GB
	SLR5	8GB (read-only)
AM-652	SLR60	60GB
	SLR7	40GB (read-only)
	SLR5	8GB (read-only)

Note: Capacities listed are maximum compressed tape use figures. The amount of data that can be backed up depends ultimately on the number and size of the files being copied.

More Reliable Than DAT

Several years of our firsthand experience have demonstrated that streamer technology is significantly more reliable than DAT. The vast majority of streamer drives run for years without requiring service.

A Format With A Future

There are indications that DAT technology is at the end of its lifespan. DAT drive manufacturers are not planning to enhance the capacity of DAT drives past the 40 GB range. We believe that the combination of streamer's proven reliability and the ongoing growth of the streamer format make it the clear choice for the AMOS world.

Tape Cartridge Requirements

The AM-651 20/40 GB drive requires SLR7 tape cartridges. The AM-652 30/60 GB drive requires SLR60 tapes, and can also read SLR7 tapes. Both types of cartridges are available from the same vendors who supply the streaming tapes that you presently use.

Both drives can also read, but not write, the SLR5 tapes used by the AM-629 8 GB streamer. Be aware that the older, smaller capacity tapes are not supported and may damage the fragile tape heads if loaded.

The following table summarizes tape cartridge compatibility for both tape drive models:

<u>Tape Drive</u>	<u>Cartridge</u>	<u>Formats Supported</u>
AM-651	SLR7	SLR7, SLR7C
	SLR5	SLR5, SLR5C (read only)
AM-652	SLR60	SLR60, SLR60C
	SLR7	SLR7, SLR7C (read only)
	SLR5	SLR5, SLR5C (read only)

C indicates recording in compressed mode

Configuration

Both tape drives have a Wide SCSI interface and will work on Wide SCSI systems such as the AM-7000 and Eagle 450. They will also work on systems with a narrow SCSI-2 interface (SCSI dispatcher systems) with the PDB-00440-90 SCSI bus adapter. We do not support them on SASI/SCSI-1 systems such as the AM-3000M, AM-2000M, and earlier systems. Please contact Order Administration if you have a specific requirement for SCSI-1 compatibility.

Mounting kits are identical to those for previous streamers.

Software for the AM-651 and AM-652 Streaming Tape Drives is available from our on-line bulletin board (TABBS) in the File Library section under AMOS-Patches. A self-extracting file, AM65X.LIT, contains the software and documentation necessary to perform the installation.

Alpha Micro's Ongoing Commitment

Following closely after our introduction of the 15,000 RPM disk drive into the AMOS product line, these new streamer drives demonstrate Alpha Micro Products' ongoing commitment to you. Leading edge products offer important solutions for your users in today's competitive marketplace.

Sincerely,



Rod Everett
Director of Marketing and Sales
reverett@alphamicroproducts.com