Automated Disc Recording for Data Archival and Distribution

StudioX™ is a new class of CD and DVD recording solution for demanding data archival applications, such as check imaging, GIS/satellite imaging, prepress, and healthcare. Its minimal footprint allows it to fit easily into data centers and other areas where computer real estate is at a premium.

With its ability to control up to four high-speed CD-R or DVD-R drives in one disc autoloader, StudioX can record up to 1/2 terabyte of data in 24 hours, or about 700 CD-R discs. StudioX supports mixed CD and DVD recording, and can connect to two autoloaders for redundancy and improved throughput.

Each autoloader can also use an integrated disc printer for one step recording and labeling. This allows lights-out operation and eliminates any chance of mishandling or mislabeling discs.

When used to control two PAS/2™ autoloaders, StudioX can process 240 CD and/or DVD discs before user attention is needed.

Parallel Independent Controller Architecture

Young Minds' unique intelligent controller technology ensures recording reliability by offloading the I/O-intensive recording task from the host to the controller. StudioX incorporates Parallel Independent Controller Architecture (PICA™), a new design that maintains the benefits of Young Minds' intelligent controller architecture, but minimizes the physical size of the controller. In the StudioX system, multiple controllers are contained in a single StudioX enclosure, allowing each recordable drive to operate independently – and at its highest rated speed. The result is a non-intrusive package with the ability to record more discs in less time, and with greater reliability, than any competitive system.

Features and Benefits:

Automated Production – Disc autoloader seamlessly loads, records and labels discs. No manual disc handling, and no mixups.
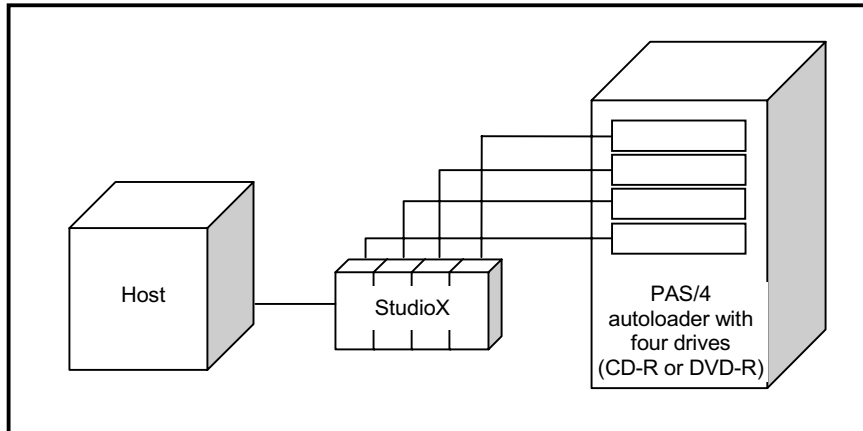
Expandable and Configurable – Each StudioX can support to four CD-R or DVD-R drives in one disc autoloader, or up to three drives in two independent autoloaders.

Minimal Footprint – The small size of StudioX allows it to fit on a desktop with an autoloader on top of it. No additional space has to be allocated.

Host-Attach Operation – Young Minds has the industry's broadest range of supported host platforms. Standard configuration of StudioX allows it to attach to virtually *any* UNIX, Linux or Windows NT workstation or server.

NAS Option – StudioX can be configured as a NAS device.

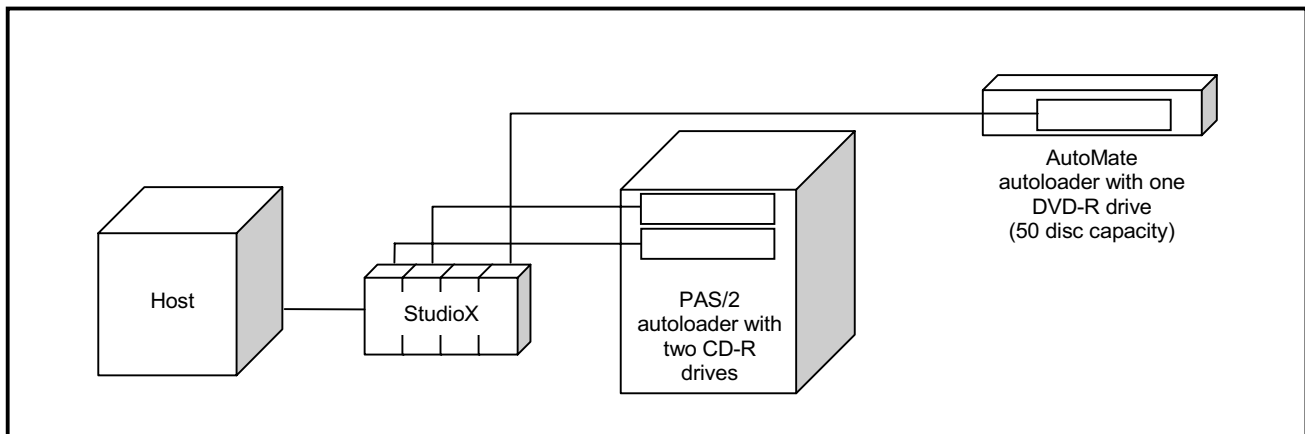**Easy-to-Use, Easy-to-Integrate –** Java-based host software makes StudioX "plug and play."

Expandable and Upgradable

The modular construction of StudioX lets you customize a system to meet both current and future requirements. The ability to add more disc recorders, another autoloader, or even dual CD/DVD capability allows StudioX to change as your production requirements change.

Each autoloader can include a disc label printer for seamless labeling and recording. The high-resolution thermal printer prints on virtually any disc surface, and provides a permanent, waterproof label that prevents disc mixups and eliminates manual labeling.

Software

MakeDisc® premastering software and DVD-Q™ intelligent automation software are included with StudioX.

MakeDisc software installs on the host computer, and is available for virtually all open systems operating systems and platforms, including Solaris, HP-UX, AIX, Tru64, IRIX, Linux, and Windows NT.

DVD-Q works together with MakeDisc to automatically manage the process of issuing, formatting, recording and labeling CD/DVD-R discs in automated production environments.

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