

Accordance Systems

ARAID™ 5000 SATA RAID Controller

Never lose data from a hard disk crash again.™

"Now that an inexpensive, easily installed, hardware-based RAID is available, there's no excuse to put your valuable images and data files at risk."

*- Arthur H. Bleich
After Capture*



OVERVIEW

The ARAID 5000 is a RAID data protection device for 3.5 inch SATA hard drives. The device connects to the computer via a SATA host interface. The ARAID 5000 dynamically builds a RAID 1 disk array supporting data mirroring on two drives. If one disk fails, the computer continues to run uninterrupted and data is never lost. The ARAID will automatically build a replacement drive when inserted into the ARAID.

The device mounts in two standard 5-1/4" storage bays (2U) and appears to the computer's BIOS and operating system as a single hard drive. All data written to the primary drive is automatically and instantly written to the secondary drive. An ARAID is easy to install as a DVD drive and requires no additional driver or application software to operate.

The computer notifies you of disk failure and continues to operate without interruption. ARAID hotswap capability allows the failed hard drive to be replaced without rebooting.

FEATURES

- Connects to a SATA or IDE PC host interface. The external model connects to USB.
- Dynamically creates a RAID 1 array with two 3.5" SATA drives. The ARAID drives can be accessed by any controller.
- Requires no additional software, drivers, or controller cards to operate
- Supports data redundancy through RAID 1 disk mirroring
- Disks are hot-swappable for data backup and disk replacement
- Highly reliable with 50,000 hour MTBF.
- Supports any size SATA III drive and is backward compatible with SATA II drives.
- Monitoring software tracks and warns of problems.
- Quiet forced air cooling
- LCD display for system and hard drive status
- LED indicators and audible alarm



Accordance Systems
2001 Westown Parkway, Suite 106
West Des Moines, IA 50265
Ph: (515) 223-4845
www.accordancesystems.com

RAID 1 Data Redundancy

RAID 1 systems mirror data onto two drives by performing all data write operations to both drives. The ARAID 5000 has no system overhead running the RAID 1 disk array and runs faster compared to software based configurations. RAID control is done in the ARAID hardware.

The ARAID 5000 is a “clean sheet of paper” approach to supporting the SATA 6G and 3G specifications. Capabilities include:

1. Native support for SATA III and SATA II specifications drives.
2. Supports any format drive including Windows, Linux, Mac, DOS, and UNIX.
3. Optional RAID 1 or 0 set by jumper.
4. Fast rebuild time.

Compatible Operating Systems

Windows: All versions

Macintosh: OS9 and later

Linux: All distributions

DOS: 6.22 and 6.2.3

SCO UNIX: System V

Novell: NetWare

Sun: Solaris



Accordance Systems

2001 Westown Parkway, Suite 106

West Des Moines, IA 50265

Ph: (515) 223-4845

www.accordancesystems.com

Ordering Information

<u>Part Number</u>	<u>Description</u>	<u>Controller</u>
885-0028-MB	Internal ARAID Model 5000	SATA
000-0019-MB	Internal ARAID 5000 Tray	