



# CACHE-A



## A-SERIES ARCHIVE APPLIANCES

### DIGITAL MEDIA WORKFLOWS WITH CACHE-A LTO-4A 800GB DATA TAPE DECKS



#### Direct connect compatibility with the industry's most used media devices:

- Works with P2 cards and P2 devices
- Works with SxS cards and EX devices
- Works with CF cards and Red devices

#### Cache-A Archive Appliances provide the most integrated networked archiving solution in post

- Works with Macs, PCs and Linux/Unix Machines
- Solutions with Avid and Final Cut Pro
- Solutions with Final Cut Server, CatDV and R3DDM

#### Archiving made easy with Cache-A Archive Appliances

- Application independent - no special software needed
- Easy to deploy - plug and play on any network
- Self-contained appliance is a complete solution

#### One Archive Appliance for every step in the Digital Content Creation Process

- **Archive Source Masters of Field Footage**
  - Cache-A archive appliances are compact, self-contained and easy to operate — on a network or stand-alone in the field
  - Ingest footage to our disk share and archive-to-tape happens automatically in the background
- **Archive Complete Projects in the Edit Suite**
  - Project files, Graphics, Footage, Stills, Shot Lists — all your data can all be saved in one place
  - Multiple versions of your projects and content can all be placed on the same tape
- **Interchange Content on A-Series Tapes**
  - Because Cache-A tapes have a directory on each tape, they are “self-describing” letting any Cache-A system see what is on any A-Series tape
  - Cache-A tapes are written with standard “tar” format and your data can be restored by anyone with any LTO-4 drive anywhere
  - LTO-4 tapes cost about 6¢ per GB and provide 30 Year “IT industry” archival life



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### CACHE-A LTO-4A 800GB DATA TAPE DECKS WORKFLOW OVERVIEW

#### Production: in the Field and Studio

Cache-A archive appliances provide the most practical, safe, and portable content Archive solution to free-up your high cost premium storage devices. Offering stand alone direct connect functionality with the most popular camera storage systems and cards, direct and network based access to the archived media makes Cache-A an integral part of a production workflow. When media is connected to the Cache-A to be archived, it also lands on the Cache-A share point, which can allow for anything from spot checking to full QC of your valuable field acquisitions before cards are recycled. Ingest solutions include integration with Imagine Products and R3DDM software tools.

Direct connect compatibility with the industry's most used media devices:

- P2 cards and P2 devices
- SxS cards and EX devices
- CF cards and Red devices

#### Cache-A Part Number Reference

Prime-Cache	CA-P4001
Pro-Cache	CA-R4002
Rack Mount Kit	CA-RK001
Rack Filler Plate	CA-RK002

#### Post Production: dailies delivery and editorial

Cache-A archive appliances provide the most integrated networked archiving solution in post. As a network appliance, the Cache-A does not require a dedicated workstation and software. Any computer on the network can access and or manage the archive media. Media is archived in its original directory structure, allowing it to be easily restored at any time from archives created in the field.

The Cache-A appliance maintains a searchable directory of every tape that has been in the appliance, making it easy and convenient to find archive media without need to locate or insert the archive tape.

Direct attach functionality with media devices, allows for a post production workflow with media that arrives in house directly from the field, and then makes it available to editorial, with or without a SAN or NAS infrastructure. Original media can be easily archived for later use, while proxy media can be used for editorial, making for a convenient and cost effective off line workflow.

- Platform agnostic, Macs, PCs and Linux/Unix Machines
- Workflows with Avid, Final Cut Pro, and many others
- Cost effective (6 cents per Gig) client delivery for dailies

#### Finishing, Production Facility, Client Media Delivery, and Deep Archive

The Cache-A Appliances can be a facility's archive solution, or be part of larger asset management workflows for facility-based production. Combined with its own internal tape catalog and networking flexibility, asset management systems such as CatDV, FC Server and others can create workflow solutions using Cache-A as the deep archive piece of the the workflow. Metadata such as searchable keywords can be added to files and tapes; archivists can also add unique barcode and location information to each tape. This information is maintained in the catalog and can be searched even when the tape is off-line.

Networked volumes can be mounted by the Cache-A systems, and managed with scheduled backups. Although Cache-A maintains files in their original directory structure, all files are written to tape using the "tar" standard. This allows for interchange with non-Cache-A LTO4 drives in case tapes need to be transferred to a location without a Cache-A System.

- Cache-A tapes are written with "tar" for complete compatibility with non Cache-A devices
- Flexible network compatibility including: SMB, NFS, AFS, Bonjour, and FTP
- Solutions with Final Cut Server and CatDV

### CACHE-A ARCHIVE APPLIANCE FEATURE COMPARISON MATRIX

Feature	Prime-Cache	Pro-Cache
Plug and play integration into Ethernet networks	✓	✓
Directory on each tape	✓	✓
Media is portable, shelf-storable, interchangeable	✓	✓
Directly accessible with no special software	✓	✓
Web Based Interface, no additional software needed	✓	✓
Content Aware (planned)	✓	✓
Network File System Mounts	✓	✓
Volume sharing built-in - works with client file system	✓	✓
Simultaneous Multi-User Access	✓	✓
Built-in searchable database of all of your tapes	✓	✓
Automated backup capability built-in	✓	✓

Feature	Prime-Cache	Pro-Cache
Span archives across multiple cartridges	✓	✓
Standard TAR compatibility	✓	✓
Direct connect storage	✓	✓
- USB 2.0	✓	✓
- eSATA – fast hard disk support		✓
- SAS – faster hard disk support		✓
- ExpressCard – memory cards and more		✓
- SxS card, P2 card adapter, Firewire 800		✓
2 x 1 TB Hard Disk Drives		✓
User configurable for RAID 0 or RAID 1		✓
Hot Swappable drives		✓
Rack mountable with rack kit		✓