

REV PRO

The Open Medium for
Tapeless Workflows



www.thomsongrassvalley.com
www.canopus.com

 grass valley

 THOMSON
images & beyond

© 2007 Thomson. All rights reserved.
Grass Valley is a trademark of Thomson. Canopus and EDIUS are registered trademarks of Canopus Co., Ltd
All other trademarks are properties of their respective holders. All specifications are subject to change without notice.

WHAT IS REV PRO?

It is a removable transport medium. It is used to move and share content between acquisition and editing, around post-production, delivery, and archiving. Optimized for video, it is a completely format-agnostic, platform-agnostic transport medium. And, last but not least, it's a storage device.

Take a REV PRO disk and plug it into an EDIUS editor and make your cut. Drop the disk into a TURBO digital disk recorder for playout. Carry the finished package - with all the rushes - to the producer. Need to make changes, but the producer only has Avid or Final Cut Pro? No problem, simply plug a REV PRO drive in to that editor, insert the disk and all the content is immediately available. REV PRO looks just like another disk drive to those editors, too.

As a data store, REV PRO is not limited to just holding the video and linked audio. It is an IT-based storage device, so you can use it for scripts, sub-title files, metadata, music tracks - even word documents, spreadsheets and Powerpoint files. Once the project is complete, the REV PRO disk makes a convenient, tidy and affordable project archive. The small form factor of REV PRO makes it easy to organize and its extended shelf-life media means you can archive edited projects today to re-use months or even years from now.

Finally, it is completely open, infinitely expandable and very affordable. REV PRO drives are fully compatible with OS X, Windows and Linux platforms. External (USB and Firewire) and internal (IDE and SATA) drives are available at around \$500 including one disk; additional disks are around \$65 each - the cost and portability of tape, with the performance and convenience of random access.



GIVE ME THREE REASONS WHY I SHOULD USE REV PRO?

1. It is completely open and transparent. Video compression, video format or computer platform - none of this matters any more. Because it is a target storage device, content on REV PRO media can be easily accessed by file-based workflows using products from multiple manufacturers. The random access performance allows direct edits from and to the disk, eliminating the time to transfer data or the need for additional workstation storage.
2. It is secure. The design of the disk based media seals out dirt and moisture. The media itself is guaranteed for a million read/write cycles - far more than tape, and a hundred times better than blue laser optical disk technologies. It has a fully journaled file system that protects the content of the disk even against power failures, making it the most secure way to store content. And with a shelf life of at least 30 years, it is a robust solution for project based archival.
3. It is convenient - a disk fits in your shirt pocket - and it is affordable, familiar, and compatible. The REV PRO disk-based media is roughly the cost of a Digital Betacam tape, but the reader/writer is just a fraction of the cost of a VTR. The combination of the REV PRO media and reader/writer provides an expandable and low cost, high performance format for tapeless workflows, and an infinitely expandable archive system at a price that means you can afford to keep everything forever. In addition to handling any video format or codec (or multiple formats on the same disk), it also stores metadata and more on the same disk with a working and archive life far greater than any other tape or tapeless system.



WHAT COMPRESSION FORMAT DOES REV PRO USE?

What compression format do you want to use?

With REV PRO you are not tied to any single format. REV PRO is a data storage medium, and one that delivers fast transfer rates with reliability and durability to serve video applications, to work reliably in an IT-based workflow or to mail to clients in other locations.

You can mix video formats on a single disk. Imagine you need a particular shot for 4:3 standard definition, widescreen standard definition and HD. You can shoot all three (with the Grass Valley Infinity camcorder you can shoot all three in the same camera!) and store them on the same piece of REV PRO media.

What is your preferred editor? EDIUS? Final Cut Pro? Premiere? REV PRO media is a data transport medium, so any of those editors, on any computer platform, will see your REV PRO disk-based media as just another drive on the system. Provided the editor has the codec to match the shoot, using REV PRO is completely transparent.

WHAT IS THE CAPACITY OF REV PRO?

Today the media has 35GB of RAW capacity. That is equivalent to over two hours of standard definition video or 40 minutes of HD.

WHERE CAN I USE REV PRO?

REV PRO is a plug-and-play open platform, simply appearing as a storage device.

To help spread the understanding of REV PRO as an open, independent transport medium, Grass Valley initiated the Open Alliance Programme (OAP). Among the many leading names signed up to the OAP are Adobe, Apple, Avid, Fast Forward Video, Focus Enhancements, and Harris, which together with EDIUS covers the vast majority of the editing market. Grass Valley EDIUS turnkey editing systems are supplied with REV PRO drives pre-installed.

Because the drives are readily available and affordable, anyone can buy one, add it to their hardware set-up and it is instantly available as a storage, transport and archive solution.



WHAT IS THE DIFFERENCE BETWEEN REV AND REV PRO?

REV PRO is based on the REV desktop storage solution from Iomega. REV PRO has been further developed to be a durable and reliable transport medium for video content, tough enough to meet the demanding technical requirements of the application.

Most importantly, REV PRO sustains two concurrent independent 55Mb/s streams from the disk, so you can edit direct from the media without ingesting content onto the editor's internal storage.

Other added features include a secure erase utility, ensuring that content previously recorded has been completely wiped before re-use; support for master and user-level passwords; and a disk diagnostic package to track disk usage.

REV PRO is compatible with standard REV disks, though standard REV media does not benefit from the enhanced REV PRO features. In a critical situation, you can buy standard REV disks at any computer store and use them at standard performance until you obtain more REV PRO media.



REVTM PRO