



# Software Release Notes

03 September, 2004

**VERSION 2.9961**

**Previous Version: 2.9945**



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## Background

This document accompanies the **APR/ClipStore System Software** download from the Accom FTP download site. This new software is used to update the main operating software in the APR/ClipStore Digital Disk Recorder. This document provides information that details the new features contained in this software release, changes made to features in the software since the previous software release, and the bug fixes made over the previous version of software.

### IMPORTANT NOTE

#### 625-Line Standard Clips

There was a bug in all previous versions of APR/ClipStore software that caused all 625-line standard recordings to create invalid video and key data files inside the ClipStore — the f1-f2 video field order of the video and key data was reversed. This bug is now fixed in version 2.9961 software.

However, when you install the version 2.9961 software into your ClipStore, **ALL** of the 625-line standard clips that were pre-existing on the ClipStore will be rendered **useless**, because the existing file format will be invalidated. The result of this invalidation will cause your pre-existing 625-line clips to have the fields reversed during video playback, and playing these clips through the SDI video output will cause them to be “jagged” in appearance. You must delete ALL pre-existing 625 line standard clips from the ClipStore after installing version 2.9961 software.

**If you want to preserve the pre-existing 625-line standard clips already on the APR/ClipStore: BEFORE installing the 2.9961 software, you will first need to back up the clips onto a digital video tape recorder. You CANNOT simply copy the data files off the disk before the software update and then copy them back again afterward, since the video data files created with the old software are “wrong” and have the fields in the reverse order.**

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## ■ Software Installation

By now you should have downloaded the Version 2.9961 Software executable installation file from a page on the Accom FTP site. Copy the Version 2.9961 Software executable file onto the APR/ClipStore desktop and then run the file. An Installation Wizard will appear. Simply accept all of the default answers to the wizard, and then accept the “Restart Computer” option at the end of the wizard.

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## New Features

The following information details the new features found in the APR/ClipStore as compared against the previous version of system software.

### **1. AES/EBU Digital Audio Support**

The AES/EBU Digital Audio Option now is supported in version 2.9961 software. It's now possible to perform frame-accurate audio recordings onto the ClipStore under control from an external edit controller via RS422 control. There was also a bug fixed that corrected a 1-frame audio offset between the video/key and audio.

#### **IMPORTANT NOTE**

There is still a bug in the version 2.9961 software that prevents independent audio track editing — meaning all four audio tracks must be enabled for recording while under edit control. It's not possible to control independent audio track recordings while under edit control. Accom are working on the problem, and will soon have a patch software release to correct this problem.

### **2. Axial Spec File Support**

For Accom Axial customers, there is now a new spec file specifically for the APR/ClipStore digital disk recorder. This spec file has includes a series of special commands that allows many setup parameters in the APR/ClipStore to be supported right from the Axial control panel, including output mode select and play mode select (i.e. Loop, Ping-Pong).

The spec file is provided as a separate file on the Accom FTP site. Download and install this spec file into the Axial editor in the usual manner. When the spec file is assigned to the RS422 port used to control the APR/ClipStore, the special control menus for the ClipStore will appear on the Axial editor control panel.

#### **IMPORTANT NOTE**

You must first install version 2.9961 software into the APR/ClipStore before using the Axial spec file.

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