

# Release Notes



## SyncCert Audio/Video Synchronization Checker 071-2090-00

This document applies to software version 1.0

[www.tektronix.com](http://www.tektronix.com)

  
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SyncCert Audio/Video Synchronization Checker provides a set of test audio and video files in common formats, which can be played through the broadcast chain, captured, and automatically analyzed. These video streams are designed to be passed through the broadcast chain exactly the same as any other digital video stream.

SyncCert displays a graph of audio/video sync over time, and can generate alerts based upon a user-settable threshold for sync error. SyncCert can analyze the test files which have been captured at various points in the broadcast chain, so that the broadcaster can identify which area is causing the loss of audio/video sync.

These release notes provide the following information:

- Related User Documentation
- Known Issues
- Platforms

## Related User Documentation

The following user documentation supports SyncCert software version 1.0:

- *SyncCert Audio/Video Synchronization Checker User Manual* (English)  
Tektronix part number 020-2766-00  
(includes SyncCert software CD)
- *SyncCert Audio/Video Synchronization Checker Tutorials*  
Tektronix part number 001-1416-00  
(available in the online help and from the Tektronix Web site, [www.tek.com](http://www.tek.com))

## Known Issues

### Raw Audio PCM Files

Raw audio PCM (Pulse Code Modulated) files must be converted to \*.wav format before you can load them.

### VC-1 Compliant Streams

Some VC-1 compliant streams may not decode due to recent changes in the FCD (Final Committee Draft) 1r2 version of the SMPTE 412M standard (see SMPTE 421M-2006 Television - VC-1 Compressed Video Bitstream Format and Decoding Process).

## Platforms

The SyncCert software has been verified with the following Microsoft operating systems and security patches:

**Table 1: Verified Platforms**

| <b>Operating System</b>           | <b>Security Patches</b>     |
|-----------------------------------|-----------------------------|
| Microsoft Windows 2000            | Windows 2000 Service Pack 4 |
| Microsoft Windows XP Professional | SP2                         |
| Microsoft Windows XP Home         | SP1                         |

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