

LiteShow II Release Notes

Copyright © 2001-2007 InFocus Corp. All rights reserved.

August 2007

This document provides various installation and late-breaking product information that is not available in the Help or product documentation for the LiteShow II product. For installation and set up instructions, please refer to the User Manual also contained on the Installation CD.

For more detailed information on any of the items contained within the product please visit our website at www.infocus.com/support/liteshowII

Contents:

- vcredist_x86.exe required for Windows Vista
- High CPU usage when using LiteShow Manager
- Windows 2000 Professional
- Multiple Wireless Adapters
- LiteShow Manager Audio (PC2TV Audio)
- Hardware Acceleration and Extended Mode
- Duplicate LiteShow II Adapter Names
- Configuring Access Point Plus
- 3D Screen Savers Incompatibility
- Direct3D and Overlay image Incompatibility
- Extended Mode on Windows Vista
- Full Screen Video on Windows Vista
- Improving your Video Experience
- Full Screen Video Playback - Best Practices
- Media Player Observations
- Traveling outside of the US

vcredist_x86.exe required for Windows Vista

In order for LiteShow Manager to take full advantage of your wireless adapter on Windows Vista, it is necessary to install the Microsoft Visual C++ 2005 Redistributable Package (vcredist_x86.exe). Under normal circumstances this file will be installed automatically when performing a CD install. If you need this file, it can be found on the LiteShow II CD or the InFocus Support site: www.infocus.com/support/liteshowII

You can also download this file from Microsoft at:

<http://www.microsoft.com/downloads/details.aspx?familyid=32bc1bee-a3f9-4c13-9c99-220b62a191ee>

High CPU usage when using LiteShow Manager

On some older laptops you may experience high CPU utilization while using LiteShow Manager. If this is the case, you can lower the CPU burden by reducing the graphics frame capture rate in LiteShow Manager:

1. In LiteShow Manager, Select Display > Performance...
2. Choose Low Speed or Medium Speed to lower the burden on your CPU.

Windows 2000 Professional

LiteShow Manager is not officially supported on Windows 2000 and has not been extensively tested with it. If you need to install LiteShow Manager on this platform, you will need to use a 3rd party wireless driver to switch your wireless adapter to the LiteShow II Adapter.

Multiple Wireless Adapters

LiteShow Manager currently does not support multiple wireless adapters activated at the same time. If LiteShow Manager detects multiple wireless adapters enabled when it starts, it will show the message "Wireless Network Adapter Not Detected". To resolve this issue, go to your computer's network connections configuration and disable the

wireless adapter that will not be used with LiteShow. When LiteShow restarts, it will detect and bind to the only activated wireless adapter. This step is only necessary if multiple wireless adapters are activated when LiteShow Manager starts.

LiteShow Manager Audio (PC2TV Audio)

LiteShow Manager installs an audio driver in your system that enables it to stream audio to the LiteShow II Adapter. This driver (PC2TV Audio) is enabled when projecting, and disabled when you stop projecting. If a media player is started while the LiteShow Audio is activated, the media player will continue to use the LiteShow Audio driver even after exiting LiteShow. Simply exit and restart the media player to allow it to use your default audio player.

In a few rare cases, LiteShow Manager might not change the audio driver to the desired setting. If this happens, the audio device can be changed manually by doing the following:

1. In Control Panel open "Sound and Audio Devices".
2. Change "Sound Playback" and "Sound Recording" devices to the desired device.

* On Windows Vista, you may see the Audio Properties window flash open quickly and close. This is normal behavior.

Hardware Acceleration and Extended Mode

On some Windows XP systems, if your computer's advanced Display control panel setting "Hardware Acceleration" is set to "None", extended mode may not work. A message will display that extended mode failed and to please reboot. To resolve this issue, change "Hardware Acceleration" to "Full".

Duplicate LiteShow II Adapter Names

On some Windows Vista systems, you might see duplicate wireless LiteShow II Adapter names (SSID) when choosing "Connect to Projector". Choosing either of the adapter names will work.

Configuring Access Point Plus

When configuring the LiteShow II Adapter to use Access Point Plus (AP+) with the Wireless option, it may be necessary to reset the adapter before it will connect to the wireless network.

3D Screen Savers Incompatibility

Some 3D Screen Savers use Direct3D which LiteShow does not support. The result of projecting one of these Screen Savers will be a blank screen.

Direct3D and Overlay image Incompatibility.

Some applications like WinDVD draw directly to the display thus bypassing the video adapter's memory buffer. LiteShow Manager is unable to intercept these draw commands resulting in non-support of any application using Direct3D or Overlays. If you run into this problem, check your media player settings, as some players have the ability to turn off the hardware overlay feature.

Extended Mode on Windows Vista

Due to changes in the Windows Vista graphics sub-system, extended mode is not supported by the LiteShow II software.

Full-Screen Video on Windows Vista

The option "Best for Full Screen Video Playback" requires extended mode. Since extended mode is not supported on Windows Vista, this option will not be available. However, it is possible to experience full screen video on Windows Vista by doing the following:

1. In your computer's Display control panel, select 640x480 resolution. It may be necessary to choose "Advanced" and "List All Modes..." to select 640x480.
2. Select "Best for Windowed Video Playback" in LiteShow Manager.

3. Start your DVD or video player software and switch it to full screen mode.
4. Do not move the mouse or use the keyboard for at least 3 seconds and the system will switch to video half-line mode for a better video experience.

Improving your Video Experience

To improve video playback speed and quality, set the following items in Windows:

Setting	Recommended Mode
Battery Power Setting Utility	Maximum Performance
CPU	Maximum Performance
Back-light / non-related Systems	Increase to maximum number
Power Options Properties	Maximum Performance (QuickSet)

Other things to do to improve video:

Some laptops do not allow the CPU to operate at full speed unless commanded to do so via the application. Also, connect your laptop to AC power; many laptops automatically go into full-power/MAX CPU mode when the AC adapter is connected.

Changing the Wireless Network Channel:

The Wireless Network Channel Number can be changed to minimize the IP traffic collisions that can occur in some networking environments. Changing the Channel Number can improve your video performance in some conditions.

Wireless Property Settings 802.11g

The Intel wireless adapter is popular with laptop manufacturers. If your computer uses an Intel wireless adapter, configure the adapter's settings as shown to maximize performance.

Setting	Recommended Mode
Preferred Band	802.11g
Power Management	Highest
Power Output	Max Power
Roaming Aggressiveness	Low
Throughput Enhancement	Enabled

To configure wireless network connection properties:

Open the Wireless Network Connection Properties dialog (via Control Panel, Network Connections, Wireless Network Connections, Advanced).

Click the Configure button for the available wireless adapter.

Configure the settings to maximize video playback performance.

Change the Wireless LiteShow Manager channel to an unused channel in the network. Refer to "Network Setting" for more information.

Full Screen Video Playback - Best Practices

For Windows XP, we recommend the following to achieve the best results when playing full-screen streaming video.

1. Use a recommended media player. See list below.
2. In LiteShow Manager choose "Extended Mode".
3. In LiteShow Manager, choose "Best for Windowed Video Playback". The full screen video option will become available after the video starts to play.

4. On the task bar, right click on the media player and choose "Move to Display". The media player will be moved to your extended display. This method is preferred over dragging the media window to the extended display.
5. Open the DVD or media file you which to play.
6. Once the media begins to play, double click on the media window to switch the player to full screen video mode.

It may take 2-5 second for the system to detect video is playing and switch to video mode. Do not move your mouse or use the keyboard during this time, as this will prevent the switchover to playing full screen video.

Recommended Media Players

Use WinDVD or Media Player Classic when possible to display video media on your PC. WinDVD demonstrates excellent performance and versatility when viewing MPEG and DVD files, while Media Player classic is very robust at playing MPEG, DVD, DivX (if the DivX codec is installed) and WMV file formats. The detailed behavior of each player is specified in the table below.

Media Player Observations

The following media players have worked well in our testing:

Zoom Player (works well for most media types)
Media Player Classic (works well for MPEG, DV, DiVX, WMV)
WinDVD (works well for MPEG and DVDs)

The following media players and formats may have problems:

PowerDVD (to minimize problems that may occur, move the active movie window to the extended display prior to starting the video).

Windows Media Player problems may occur when streaming video depending on the machine and file format.

QuickTime MOV files (problems may occur on different media players and are machine-specific).

Traveling outside of the US

Certain countries outside of the US have channel restrictions when using 802.11x wireless. Make sure you are compliant for the country being visited. The LiteShow II Adapter is configured to support channels 1 - 11, which are allowed in most countries.