

## Showlogix System Requirements

### Hardware

#### Manager Computer

If you are using Showlogix Manager for running the show or for logical-command editing, you can install on almost any Windows XP, Windows 7 or Windows 8 computer.

If using Showlogix Manager for timeline editing you will need a computer that will support your media files.

#### Display Computers

As a minimum, we recommend a PC configuration that has a compatible RAM / CPU chipset combination, ideally assembled around a fast Intel processor and a graphics card supporting the latest DirectX.

If you are planning to build a multi-display server, use latest generation i7 processor with 16 GB RAM and SSD hard drives.

For best results and reliability, professional graphics cards are recommended:

AMD Pro – FirePro W7100/8100/9100

Nvidia – Quadro K4200/5200/6000

High end gaming cards are also recommended:

Nvidia GTX 970/980

Showlogix Player engine takes advantage of the capabilities of the latest hardware accelerated graphic cards. All video treatment and effects, keying and other blending possibilities are all computed in the GPU, All this in real time and with high image quality.



Every digital media network will have different technical requirements and the type and format of the media and number of layers and effects used, will determine the type of PC and graphics chipset to deploy.

The hardware specifications in this document should only be used as a guideline. We recommended that you thoroughly test any combination of PC, graphic card, screen and media before any bulk purchase is made.

## **Software**

It is recommended to dedicate computers for the show and remove unwanted background applications or services. The best way is to take a new hard disk and install Windows operating system, device drivers, DirectX, and Showlogix.

### Microsoft DirectX®

Latest Microsoft DirectX® is required. You will be prompted at the setup stage and download will be done automatically.

You can manually download the latest version of DirectX from:

<http://www.microsoft.com/download/en/confirmation.aspx?id=35>

### Codec's

Reliable playback of video depends on the video codec's that you have installed on your PC.

Since version 1.4, the Showlogix Setup installs the free and trusted LAV filters, which are certified and published under the GNU license and are maintained by the open-source community.

The filters used by Showlogix may be changed and new filters may be added. This is done by installing any compliant DirectShow codec's. In this case you can use the Tweaker Tool (installed together with the Showlogix software) which allows you to configure your preferred decoders.

Other trusted and certified codec's:

### Free and open source codec's

HAP codec- <http://www.renderheads.com/downloads/2015/HapDirectShowCodecSetup.exe>

FFdshow - <http://sourceforge.net/projects/ffdshow-tryout/files/latest/download>

### Other codec's

<http://www.mainconcept.com/products/plugin-ins/decoding/decoder-packs.html>



All computers in a Showlogix Player sync group should have the exact same codec installed. All video files in a sync group should be encoded in the same way and have same frame rate. For optimum playback, choose the frame rate of the graphics card to be a multiple of the video frame rate (Usually 30 frame/sec).