

Using the UltraProjector 100

Projecting Video Content:

Your projector has been pre-loaded with some video content. Once you plug the projector into a power outlet via the included AC/DC adapter, (after a short boot up cycle) it will begin projecting the videos. Videos are played sequentially in the order they were loaded and will loop continuously until powered off. Image focus is achieved by rotating the forward lens assembly (cylinder) clockwise or counter-clockwise as needed depending on the distance between the projector and display surface. Focus can be adjusted to accommodate projection distances from approximately 36" to 180" (See the UltraProjector Throw Ratio Chart located here: http://www.ultraprojector.com/images/ultraprojector_throw_ratio.gif).

If videos contain an audio track, it will be output via the 3.5mm stereo headphone jack located to the right of the DC power jack (you may need to slide the small door up to expose the jack). There is no built-in amplifier; external powered speakers are required for sound)

*Note: The videos included may not contain audio.

Uploading/Removing Video Content:

*IMPORTANT: You must disconnect the projector from power (i.e. unplug the power adapter) before attempting to connect the projector to a PC!

To upload, remove, or change the order of video content, a PC with an available USB 1.0 or 2.0 connection is required. To access the internal memory, you must connect the projector to a host PC via the included USB cable (Has only been tested on Windows XP – other platforms may or may not be compatible). Your PC should recognize the USB device and prompt for action: Select "Open folder to view files" - this will open an Explorer window and allow you to copy, paste, and delete content to and from your projector.

Converting Video Files for use with UltraProjector 100

The UltraProjector 100 will only play videos of the proper format (MPEG with Xvid encoding and .avi extension). You can convert any standard video clip (.wmv, .avi, .mpg) to the correct format using the Video Converter Tool available for free download from our website:

<http://www.ultraprojector.com/downloads.asp>

You can also “capture” any video playing on your computer screen using the Screen Video Recorder tool also available on our Downloads page.

(These video captures will require conversion as described above)

Troubleshooting

For the latest troubleshooting tips and tricks, please see the Support section of our website:

<http://www.ultraprojector.com/support.asp>

Care and Precautions

- Do not immerse the projector in water or other liquids – it is NOT waterproof, only weather-tight.
- Do not subject the projector to extreme temperature conditions ($> 40^{\circ} \text{C}$ or $< 0^{\circ} \text{C}$).
- Unplug the projector from power before connecting to a PC for content upload/download. The projector will receive required power from the USB cable; an external power connection will cause the connection to fail.
- Avoid disconnecting the projector abruptly from a PC while connected – Use the “Safely Remove Hardware” applet on the PC’s taskbar.
- Avoid dropping or shaking the projector as this may damage internal electronics and/or glass lenses.
- Do not disassemble the projector – there are no user serviceable parts.
- Do not use the projector with a non-approved power supply (Requires 4.5 – 5 VDC @ 3 A)
- Rear Heatsink will become very hot during operation – do not touch or allow to come in contact with flammable materials.
- Always check with local ordinances before projecting videos which are visible from outside your property.

Specifications

- Image Quality
 - Resolution: QVGA (320x240xRGB)
 - Colors: 260k True Color
 - Aspect Ratio: 4:3
- Connectivity / Storage Memory
 - Inputs: High Speed USB 2.0, DC Power
 - Outputs: 3.5mm Stereo Headphone Jack
 - Storage Memory: 2GB Embedded Flash Memory
- Projected Image
 - Image Size: 10" – 150" Diagonal (Approx)
 - Throw Distance: 2' – 30' (Approx)
- General
 - Dimensions: 12"L x 3.75"W x 4.25"H
 - Weight: 1.4 lbs
 - Mount: Standard Tripod Socket
- Power Supply
 - Type: Rain-tight Switching Adapter
 - Input: 100-120VAC~60Hz 0.4A
 - Output: 4.5VDC 3A
- Operation
 - Audible Noise: 0db – Silent
 - Lamp: 12Watt LED @ 900 Lumens
 - Lamp Life: 50,000 Hours (Manufacturer Rated)
- Included Accessories
 - Mini tripod, USB Cable, Power Adapter
- Warranty
 - Projector and LED Lamp: 90 Days Parts and Labor