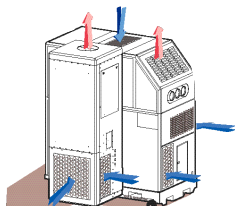


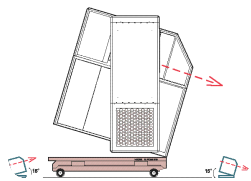
Raw film starts out at a higher resolution than video, but its resolution degrades in the conversion from raw film to Interpositive to Internegative to Release Print. A less than optimal film projector setup and the natural wear and tear on the film print will further degrade the screen image. An electronic image, however, precisely maintains its quality on the screen through hundreds or even thousands of showings.

AIR FLOW



Cinema Quality air cooling and filtration systems maintain constant temperature, even illumination and clean optics.

TILT CAPABILITY



A tilt adjustment allows the projector to be angled at $\pm 15^\circ$ to the screen while the lamp module maintains its optimal vertical orientation.

Hughes-JVC Technology Corporation
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**For more information visit
 our Web site: www.hjt.com**

Ref: GEN-NA-ILA 12K April 1998



The Best Picture in the Business™

ILA-12K Projector

Hughes-JVC Technology Corporation

NORTH AMERICAN SPECIFICATIONS

Brightness

ILA-12K
 Line-doubled Video (31.5 kHz/60 Hz): 12,000 Center Full White Lumens/8,400 ANSI Lumens
 Graphics (1024x768/90 Hz): 15,000 Center Full White Lumens/11,000 ANSI Lumens
 Frame-doubled Video (64 kHz, 120 Hz): 17,000 Center Full White Lumens/12,000 ANSI Lumens

Super Contrast	Greater than 1000:1
RGB Bandwidth	150MHz at -3dB
Horizontal Frequency	15-90 kHz
Vertical Frequency	45-120 Hz
Aspect Ratio	1:1 to 2.35:1 (variable), including 5:4, 4:3, and 16:9
Blanking	H:<2.3 μ sec, V: <500 μ sec
Source Compatibility (HxV)	2500 x 1340
Resolution (HxV)	2000 x 1280
Video Resolution	1080 TVL at 16:9 aspect ratio, 1440 TVL at 4:3 aspect ratio
Color	SMPTE 240M
Convergence	Digital with 30 memories/channels
Light Modulator	3 Proprietary Image Light Amplifiers (100% solid state liquid crystal light valve)
Power	208 VAC, 60 A, 3 , five wire, 60Hz, 12,000 Watts, 41,000 BTUs
Light Source	7000 Watt Xenon Arc Lamp
Lamp Life (typical)	500 hours at 90% brightness
Lens Options	Fixed: 0.885:1, 1.5:1, 2.177:1, 3:1, 5:1, 7:1, 10:1
Throw Distance	6'-360' (1.8m - 110m)
Screen Size (width)	4' - 118' (1.2m - 36m) Optical Capability
Keystone	$\pm 2^\circ$ (H), $\pm 15^\circ$ (V) Standard $\pm 15^\circ$ (H), $\pm 30^\circ$ (V) with Extended Range Option
Inputs	RGBHV, Digital Serial 4:2:2, RGB Analog, Composite Video, Y/C, Component. All inputs NTSC, PAL and SECAM
Communications Ports	2 RS-232 ports (1 for PC or remote, 1 for switcher control)
Size (HxVxWd)	72.5" x 56" x 58" (183.7cm x 142.2cm x 147.3cm)
Weight	1670 lbs (759 kg) Main cabinet 1476 lbs (671 kg), Lamp Module 194 lbs (88kg)
Operating Temperature	32° - 104°F (0° - 40°C) Optimum: 68° - 86°F (20° - 30° C)
Accessories Included	User's Guide/Service Manual, 1 Projection Lens Set (1.5:1, 3:1, or 5:1), Tethered Termflex Service Remote, Data Setup Restoration Disk
Optional Accessories	Auto Setup Tool, Extended Geometry Board Set, Electronic Cinema Option (Fast CRTs, Fast ILAs, Color Matching, Projection lenses (options above)

Brightness and contrast measured at 1024x768, 90 Hz, 5600°K. Specifications subject to change without notice.