

System Specifications

The specifications below are subject to change.

Image Quality	
Brightness:	1300 Lumens center screen
Uniformity:	2:1 center to edge-ANSI points, 4:1 center to corner.
Resolution:	Capable of 2000 x 1545 pixels. More than 850 TV lines @ HDTV 16:9 aspect ratio, 1100 TV lines @ 4:3 aspect ratio (White).
Aspect Ratio:	4:3 and 16:9 with AutoSelect
RGB Video Bandwidth:	100 Mhz
Contrast Ratio:	200:1 Sequential/75:1 Spatial
Color Coordinates:	SMPTE 240
Video Response Time:	Less than 16.7 ms
Input Compatibility	
Scan Frequency:	Horizontal, 15 kHz to 90 kHz Vertical, 45 Hz to 120 Hz
Blanking:	Horizontal, Less than 2.3 μ s Vertical, Less than 500 μ s
Parameter Storage:	99 Memories/Channels 99 Channels/20 Sources.
Video Decoder (Optional):	PAL/SECAM/NTSC (3.58/4.43)
Video Inputs	
Video Input Cards(VIC): Video Level:	75 ohm BNC input for R,G,B,H,V .5-1.2V p-p /Offset: \pm 3VDC(0.7V Nominal)
Sync Level:	.3-4V p-p, Composite Sync(H), separate H&V, or Sync on Green(G) / Offset: \pm 3VDC
Decoder Video Input Card (Optional) Video Level	75 ohm BNC inputs for Composite and Y/C 1V p-p with Sync / Offset: \pm 3 VDC
S-Video Y Level	1V p-p with Sync / Offset: \pm 3 VDC
C Level	300mV p-p / Offset: \pm 3 VDC
Switching Time Between Sources	Less than 5 seconds.
Control Ports	
Terminal:	2 full RS-232 inputs for Serial External Communications Protocol with DATA spec of up to 19.2kBAUD
Tethered Remote:	Input connection for remote control.
IR Remote:	Front and rear receivers

Operating Parameters	
Projection:	Front or rear
Operating Temperature:	+10° C to 40° C
Full Performance Range:	20° C to 30° C
Storage Temperature:	0° C to 50° C
Humidity:	10 to 90 % RH (Non Condensing)
Light Modulator:	3 Image Light Amplifiers
CRT:	3 IR Phosphor 3.5"
Power Requirements:	100/240 VAC, 50/60 Hz, 15/10A Single Phase
Safety and Emission:	UL, CSA, TUV(CE)
EMI	FCC Class A CISPR 22
Heat Dissipation:	5120 Btu/hr
Warm up Time	Less than 1 hour.
Noise Level	Less than 53 dB ("A" weighted)
Xenon Arc Lamp:	750 watt
Power Consumption:	1500 watts
Power Plug	100-240VAC
Installation	
Setting	Floor or Ceiling Upright or Downright
Keystone Correction:	Horizontal: $\pm 5^\circ$ (left or right) Vertical: $\pm 15^\circ$ (up or down)
Operating Angle	All angles except for 85° to 95° and 265° to 275°.
Projection Angle:	0° (Light path is parallel to projector base)
Size (H x W x L):	408mm x 615mm x 1263mm (16.1 x 24.2 x 49.7 in.)
Weight:	120kg (262 Lbs)
Air Flow (Rear View):	Intake at rear, exhaust at right (rearview) sideways
Lens Options	Zoom Lens 2.6~5.1:1 1.5:1 When available
Maintenance Access:	See Figure 3-1 for clearances needed to remove covers for access
Accessories (Included)	
Lenses:	Zoom Lens=2.6~5.1:1
Remotes:	One Standard Remote Control One Technician Remote Control
Manual:	One User's Guide

Accessories (Optional)	
Manual:	One Service manual (option for trained personnel)
Ceiling Mount:	When available
Switcher:	Extron System 8 and 10 switchers
Line Doubler:	HJT-Faroudja LD 100 and LD100U
Line Quadrupler	HJT-Faroudja VP 400
Shipping Case:	Reusable shipping case
Lens, 1.5:1	P/N 104003 (For shorter throw distances) Refer to Figure 3-7.

Optional Filters: When projecting through glass, (as in a projection booth), a reflection off the glass back into the lenses and onto the **ILA**[®] assemblies can cause a double image on the screen. Changing the angle between the glass and the lenses can correct the problem by causing the reflection to be directed either over or under the lenses. If this cannot be achieved, **optional filters** can be purchased to prevent the reflection from causing a double image.

Power Plugs	
Male	NEMA 5-20P, 20A, 125V
Female	NEMA 5-20R, 20A, 125V

