



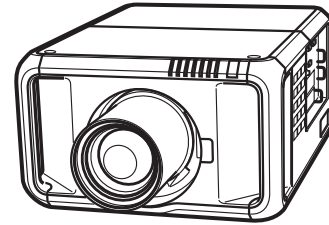
Projectors... and more!

# EIP-HDT20

## Full HD 1080p DLP® Theater Projector

### KEY FEATURES: Model EIP-HDT20

- Full HD 1080p resolution. 6,500 Lumens bright. 7,500:1 contrast ratio.
- Single Chip DLP® imaging technology delivers a "seamless" image.
- Upscales 720p. Supports other widescreen and standard aspect ratios.
- Included 6-segment dual color wheel set can be installed for rich color.
- 2 fixed inputs include a full suite of standard professional connections.
- 2 module bays permit customization. Network control module included.
- Optional modules include Dual (HD/SD) SDI and HD Wireless Receiver.
- Power Zoom and Focus. Optional Wideangle and Telephoto lenses.
- Both horizontal & vertical power lens shift. Built-in Mechanical shutter.
- Centered lens and one-way airflow simplify installation. Quick lens installation.
- Dual Lamp System provides redundancy and permits 4 brightness levels.
- Illuminated control panel & wireless/wired remote. RS-232 & Network control.
- Power Management, Keylock Security, and Custom Warmup Screen options.
- 3 Year\* Projector Warranty!



EIP-HDT20 (shown with optional lens)

**Included Accessories:** Quick Setup Guide, Owner's Manual on CD ROM. 6.0 ft. (1.8 M) AC Power Cord . Lens Cover. VGA-type Computer Input Cable (Dsub 15). Wireless/wired Remote & 2 x AA batteries. Wired Remote Cable. Real Color Manager Pro Software on CD-ROM x 1. Cable Cover x 1. Cable Cover Support x 1. Cable Cover Ties x 3. Rich Color 6-Segment Color Wheels x 2. Lens Aperture Cover.

**Optional Accessories:** Wideangle, Standard and Telephoto Lenses. Replacement Lamps. Replacement Filter Cartridge. ATA-Style Shipping Case with Wheels and Telescoping Handle. Dual SDI Module (only HD-SDI can be used). HD Data Wireless Receiver Module. HD Wireless Transmitter. DVI (only) Module. DVI-D & Dsub15 Module. 5BNC Module. 5BNC & S-Video Module. Dsub15 Module. Network Module. Ceiling Mount. Ceiling Post and Plate.

#### Outstanding Features:

1. 1080p at 6500 Lumens, 7500:1 Contrast, with DLP® imaging.
2. User-changeable color wheels to optimize brightness or color.
3. Lamp Interval Timer permits alternate 1-lamp-ON in 24/7 use.
4. Low Maintenance: up-to 35,000 hour cartridge air filter.
5. Extended Use: liquid-cooled DMD®, sealed optical engine.
6. Picture-in-Picture. Picture-by-Picture. Edge Blending.
7. Power zoom, focus, lens shift. Range of lenses and modules.

### SPECIFICATIONS: Model EIP-HDT20

Screen Brightness .....	up to 6,500 ANSI Lumens (**w/lens AH-43005S) ("Dynamic" image mode & DynamicBlack™ Off)	Video: Resolutions Supported	
Illumination Uniformity .....	90%	SDTV ( Composite, S-Video, Component ) .....	480i/p, 575i/p
Size of Color Palette .....	10 bit / 1.07 Billion Colors	HDTV .....	720p, 1080i/p, 1080 psf 30/25/24
Contrast Ratio .....	over 7,500:1 (w/DynamicBlack™ high)	Signal Inputs: fixed	
Horizontal Resolution .....	550 TV Lines (HDTV)	1 a. Computer: Analog RGB .....	Dsub 15 x 1
Projection Lamp .....	330 Watt VIDITM UHP x 2	b. Computer: Digital RGB .....	DVI-D x 1
Estimated Lamp Life .....	up to 2500 Hours of Use	or Video: Digital Video w/HDCP .....	HDMI x 1
Imaging System .....	0.95" DarkChip™ 3 DLP® chip x 1	c. Video: Digital Video w/HDCP .....	HDMI x 1
Native Resolution .....	1920x1080 (16:9 aspect ratio)	2 a. Computer: Analog RGBHV .....	BNC x 5
Color System .....	High Brightness 4-segment color wheels x 2 (installed)	or Video: Composite/Component: Video / Y-Pb/Cb-Pr .....	S-Video x 1
Lens Type .....	Not Included (choose from a selection of optional lenses)	b. Video: S-Video: .....	S-Video x 1
Image Diagonal .....	50~600 in. (127~1524 cm)	Signal Inputs: Modules	
Image Width .....	3.64~43.6 ft. (1.11~13.20 m.)	3. Empty module bay (unpopulated)	
Throw Distance .....	See specifications of selected lenses	4. Network Module: .....	RJ45x 1
Front Elevation / Maximum Pitch .....	up to 5° up / 360°	complete with external equipment control port Dsub9 x 1	
Vertical Anti Keystone .....	Power Lens Shift (Top:Bottom) 6.65:-1~-1:6.65	Signal Outputs:	
Horizontal Anti Keystone .....	Power Lens Shift (L:R~R:L) 10.7:-1~-1:10.7	Data/Video Monitor: Analog RGB / Composite/Component Dsub 15 x 1	
Vertical Keystone Correction .....	Digital: up to 30° up or down	Operating Noise.....	as low as 36 dBA
Horizontal Keystone Correction .....	Digital: up to 30° left or right	Cabinet Size (HxWxD).....	9.6 x 15.7 x 20.6 in. (242.5 x 400 x 524.2 mm.)
Scanning Frequency .....	Auto: H Sync. 15-120 kHz; V Sync. 48-120 Hz	Weight .....	44.1 lb. (20 kg)
Dot Clock .....	up to 230 MHz	Packaged Size .....	17.3 x 20.8 x 25.6 in. (439 x 528 x 651mm.)
Image Orientation .....	Normal, Reversed, Inverted	Packaged Weight .....	55.1 lb (25.0 kg)
Local Control / Power Management .....	Full Function / Auto Shut-Off	Power Requirements .....	100-240V AC, 50/60Hz
Remote Projector Control .....	Wireless/wired x 1	Power Consumption .....	up to 846W Standard Mode
Projector Service Port.....	USB-B x 1	Heat .....	up to 2887 BTU/hr. (727Kcal/hr)
Wired Remote Port .....	MiniStereo x 1	Power Cord .....	Type 3, Detachable
RS-232 (Serial) Port / In & Out .....	Dsub 9-pin x 2	Electrical Safety Compliance .....	UL / cUL
Computer: Compatibility .....	UXGA (Analog only)	Electromagnetic Compatibility.....	FCC Part 15 Class A
WUXGA ~ WXGA, SXGA+ ~ VGA & MAC (analog & digital)		Security .....	Kensington® Security Slot, Handles (use a Security Bar)
Computer: Formats.....	1920 x 1200 through 640 x 480	Operating Temperature.....	41~104°F (5~40°C)
Computer: Image Sizing .....	Normal, or Smart Compressed or Expanded	User Maintenance .....	Replace Air Filter, Replace Lamps
Video: Color Systems .....	NTSC/PAL/SECAM/NTSC 4.43 / PAL-M&N	Warranty (to original end use customer)	
Video: Aspect Ratios Supported .....	4:3 & 16:9	Projector : .....	3 Yr. / 6000 Hr. *(Parts & Labor to Correct Defects)
Video: Image Sizing .....	Video Scaling Technology	Lamp: .....	90 Days (Failed Lamp Replaced Pro-Rata)
			* Whichever occurs first

**Lamp contains Mercury. Do not put in trash. Dispose of as Hazardous Waste, according to Local, State or Federal Laws.**

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