



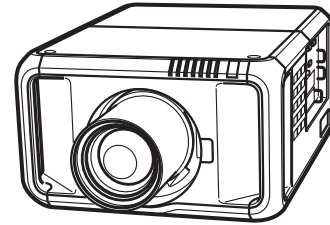
Projectors... and more!

# 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.     | 4. Low Maintenance: up-to 35,000 hour cartridge air filter.    |
| 2. User-changeable color wheels to optimize brightness or color. | 5. Extended Use: liquid-cooled DMD®, sealed optical engine.    |
| 3. Lamp Interval Timer permits alternate 1-lamp-ON in 24/7 use.  | 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)              | Video: Resolutions Supported                                     |   |
|  | ("Dynamic" image mode & DynamicBlack™ Off)                | SDTV ( Composite, S-Video, Component ) .....                     | 480i/p, 575i/p  |
| Illumination Uniformity .....          | 90%   | HDTV .....   | 720p, 1080i/p, 1080 p/30/25/24                          |
| Size of Color Palette .....            | 10 bit / 1.07 Billion Colors                              | Signal Inputs: fixed   |   |
| Contrast Ratio .....                   | over 7,500:1 (w/DynamicBlack™ high)                       | 1 a. Computer: Analog RGB .....                                  | Dsub 15 x 1   |
| Horizontal Resolution .....            | 550 TV Lines (HDTV)                                       | b. Computer: Digital RGB .....                                   | DVI-D x 1   |
| Projection Lamp .....                  | 330 Watt VIDITM UHP x 2                                   | or Video: Digital Video w/HDCP                                   |   |
| Estimated Lamp Life .....              | up to 2500 Hours of Use                                   | c. Video: Digital Video w/HDCP .....                             | HDMI x 1  |
| Imaging System .....                   | 0.95" DarkChip™ 3 DLP® chip x 1                           | 2 a. Computer: Analog RGBHV .....                                | BNC x 5   |
| Native Resolution .....                | 1920x1080 (16:9 aspect ratio)                             | or Video: Composite/Component: Video / Y-Pb/Cb-Pr                |   |
| Color System .....                     | High Brightness 4-segment color wheels x 2 (installed)    | b. Video: S-Video: .....   | S-Video x 1   |
| Lens Type .....                        | Not Included (choose from a selection of optional lenses) | Signal Inputs: Modules   |   |
| Image Diagonal .....                   | 50~600 in. (127~1524 cm)                                  | 3. Empty module bay (unpopulated)                                |   |
| Image Width .....                      | 3.64~43.6 ft. (1.11~13.20 m.)                             | 4. Network Module: .....   | RJ45x 1   |
| Throw Distance .....                   | See specifications of selected lenses                     | complete with external equipment control port Dsub9 x 1          |   |
| Front Elevation / Maximum Pitch .....  | up to 5° up / 360°  | Signal Outputs:  |   |
| Vertical Anti Keystone .....           | Power Lens Shift (Top:Bottom) 6.65:-1~-1:6.65             | Data/Video Monitor: Analog RGB / Composite/Component Dsub 15 x 1 |   |
| Horizontal Anti Keystone .....         | Power Lens Shift (L:R~R:L) 10.7:-1~-1:10.7                | Operating Noise.....   | as low as 36 dBA  |
| Vertical Keystone Correction .....     | Digital: up to 30° up or down                             | Cabinet Size (HxWxD).....  | 9.6 x 15.7 x 20.6 in. (242.5 x 400 x 524.2 mm.)         |
| Horizontal Keystone Correction .....   | Digital: up to 30° left or right                          | Weight .....   | 44.1 lb. (20 kg)  |
| Scanning Frequency .....               | Auto: H Sync. 15-120 kHz; V Sync. 48-120 Hz               | Packaged Size .....  | 17.3 x 20.8 x 25.6 in. (439 x 528 x 651mm.)             |
| Dot Clock .....                        | up to 230 MHz   | Packaged Weight .....  | 55.1 lb (25.0 kg)                                       |
| Image Orientation .....                | Normal, Reversed, Inverted                                | Power Requirements .....   | 100-240V AC, 50/60Hz                                    |
| Local Control / Power Management ..... | Full Function / Auto Shut-Off                             | Power Consumption .....  | up to 846W Standard Mode                                |
| Remote Projector Control .....         | Wireless/wired x 1  | Heat .....   | up to 2887 BTU/hr. (727Kcal/hr)                         |
| Projector Service Port.....            | USB-B x 1   | Power Cord .....   | Type 3, Detachable                                      |
| Wired Remote Port .....                | MiniStereo x 1  | Electrical Safety Compliance .....                               | UL / cUL  |
| RS-232 (Serial) Port / In & Out .....  | Dsub 9-pin x 2  | Electromagnetic Compatibility .....                              | FCC Part 15 Class A                                     |
| Computer: Compatibility .....          | UXGA (Analog only)  | Security .....   | Kensington® Security Slot, Handles (use a Security Bar) |
|  | WUXGA ~ WXGA, SXGA+ ~ VGA & MAC (analog & digital)        | Operating Temperature.....                                       | 41~104°F (5~40°C)                                       |
| Computer: Formats.....                 | 1920 x 1200 through 640 x 480                             | User Maintenance .....   | Replace Air Filter, Replace Lamps                       |
| Computer: Image Sizing .....           | Normal, or Smart Compressed or Expanded                   | Warranty (to original end use customer)                          |   |
| Video: Color Systems .....             | NTSC/PAL/SECAM/NTSC 4.43 / PAL-M&N                        | Projector : .....  | 3 Yr. / 6000 Hr. *(Parts & Labor to Correct Defects)    |
| Video: Aspect Ratios Supported .....   | 4:3 & 16:9  | Lamp: .....  | 90 Days (Failed Lamp Replaced Pro-Rata)                 |
| Video: Image Sizing .....              | Video Scaling Technology                                  |  | * Whichever occurs first                                |

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

Specifications subject to change without notice. ©2009 Eiki International, Inc. Issued May 20, 2009.

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