

# Professional Projector

## High brightness projector featuring native 2K resolution, higher than Full HD

**PLC-HF10000L**

**Professional**  
2K | 10000 lm



- QuaDrive™
- X-Y Power Lens Shift
- Built-in Network
- Optional Lens System
- Active Maintenance Filter System
- Lamp Management System

### 1. High brightness 10,000 lumens is achieved with 2K panel, higher than Full HD resolution

HF10000 employs a 2K panel, compatible with 2,048 x 1,080 pixels, allowing it to project Full-HD (1,920 x 1080 pixels) signals at their native resolution. And two 380W high-pressure lamps offer high brightness 10,000 lumens, while saving the impact on the environment with improved optical efficiency.

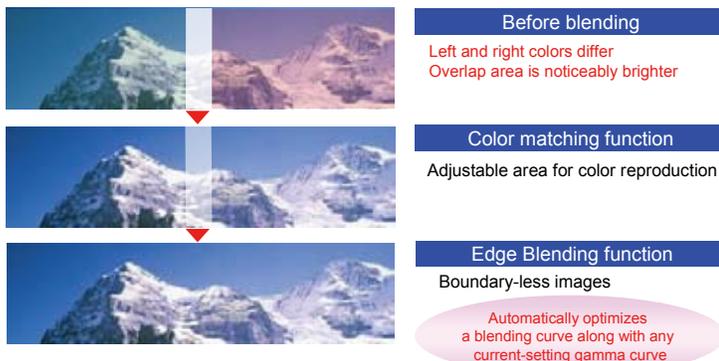


### 2. Newly developed QuaDrive® Optical engine

Newly developed optical block includes improved QuaDrive® engine and an inorganic oriented LDC film panel with light stability. These technologies carry higher reliability and highly color reproduction, meaning beautiful and brilliantly-colored large-screen projection with long-time maintenance free.

### 3. Versatile functions for professionals

HF10000 is equipped with "Edge blending function" that controls brightness at the edge of images to create seamless images from more than one projector. And "Color matching function" is also employed to correct mismatch in color reproduction from multiple projectors. These features enable to make a gigantic multi-image display with high reality.



\*The above is an image only for explanation

### 4. Other Features

#### <Installability>

- 10 types of interchangeable optional lenses
- Powered lens shift (Vertical, Horizontal) & Powered zoom / focus
- AMF (Active Maintenance Filter) system
- Vertical 360 degree tilt angle projection
- Center lens design

#### <Usability>

- "Picture in Picture" & "Picture by Picture" function
- HDMI terminal
- Mechanical shutter
- Compatible option slot board
- Network terminal
- Operation panel and terminal panel illumination
- Information (Enable to check projector status)
- Test pattern
- Lamp status information (Incorporate IC-chip)
- Closed caption (NTSC)

### Specifications

Product Number	PLC-HF10000L	
System	TFT p-Si x 3	
DLP® Chip	Size	1.64inch(inorganic) , Aspect Ratio 16:10
	Pixel Count	6,635,520 (2048x1080 dots)
Projection Lens	Option	
Light Source	NSHA 380W x 2	
Screen Size(Projection Distance)	40" - 600"(depending on lens)	
Color Reproducibility	Full color (1.07 billion colors, Videosignal)	
Brightness*1	10,000 lumens	
Contrast Ratio(Full On/Full Off)*1	3000:1	
Uniformity*1	90%	
Audio Output and Speaker	-	
Resolution (resizing,RGB signal)	2048 x 1080 dots (WUXGA dot resizing possible)	
Terminals	Signal Terminal	Input 1: RGB(D-Sub15), DVI- D(HDCP), HDMI(v1.3 with Deep Color)
		Input 2: RGBHV , Y,Pb/Cb, Pr/Cr, Video(BNC) , S-Video
		Input 3: Detachable terminal for system up
		Input 4: Detachable terminal for system up
	Option Terminal	Dual-Link-SDI, Dual-SDI, DVI, 5BNC, D-sub15
	Control Terminal	RJ-45 wired LAN, RS232C In / Out (D-Sub9x2) Wired Remote control (mini jack)
Input signal compatibility (depend on input terminal)	WUXGA+/UXGA/WSXGA+/SXGA+/SXGA/WXGA+/WXGA/XGA/SVGA/VGA/MAC 2K-24p,2K-24/25/30psf,1080-24/25/30/48/50/60p, 1080-24/25/30psf, 1080-50/60i, 720-50/60p, 575p, 480p, 575i, 480i	
Power Source	100-240V AC, 50/60Hz	
Dimensions	21.2" x 10.6" x 29.8"	
Weight	60 lbs	
Main Accessories	Removable power cord x 1, D-sub 15 cable x 1, PIN code-locking seal , Owner's manual (Quick Manual & CD-ROM), Remote control x 1 (AAA battery x 2)	

\*1 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.\* All product names and company names are trademarks or registered trademarks of their respective companies.\* Product appearance and specifications are subject to change without notice