

Specifications

Appearance						
Model	HT-L660U	HT-L660UW	HT-L700U	HT-L700UW	HT-L800U	HT-L800UW
Display method	DLP™ chip×1,DLP™ Projection system					
Chip size	0.8 inch (16:10 aspect ratio)					
Pixel	2304000 (1920×1200 pixels)					
Physical resolution	WUXGA (1920×1200 pixels)					
Brightness	6000lm		7000lm		8000lm	
Contrast ratio	5000000:1(Dynam c)					
JBMA Uniformity	≥90%					
Light source life	20,000 hours (NORMAL), 25,000 hours (ECO)					
Throw Ratio	1.2-1.56:1 (Index mirror)					
Focus Range	100-300寸					
Zoom ratio	1.3x					
Lens	Manual zoom/Focus					
Color wheel speed	7200RPM					
Color space	≥100% REC709					
Trapezoid adjustment	Horizontal/Vertical ±15° trapezoidal correction four corner adjustment function digital zoom function					
Image aspect ratio	4:3,16:9,16:10,16:6 (Four aspect ratios are available)					
Maximum supported resolution	Support o WUXGA (1920×1200 pixels)					
Light source power consumption	114W		132W		152W	
Power consumption	300W±10%		360W±10%		440W±10%	
Minimum standby power Consumption	<0.5W					
Input port	VGA computer input (15pin)×2,AUDIO IN×1, HDMI (v2.0with audio)support CEC×2				VGA computer input (15pin)×2, AUDIO IN×1, HDMI (v2.0with audio) support CEC×2, HDBase I ×1	
Output port	VGA display output (15pin)×1,AUDIO out(mini 3.5cm terminal)×1, 3D SYNC OUT×1,USB-A Power output(5V,2A)×1					
Control port	RS232 Serial interface(9pin,male) input×1,RS232 Serial interface(9pin,male) out×1, USB (Type mini B)×1,LAN Network interface(RJ45)×1					
Operation noise (typical)	38.0(MAX41.0)DB-A @25℃					
Shel material	Plastic					
Appearance color	Black	White	Black	White	Black	White
Built-in speaker	5w×1					
Dimensions (W x D x H)	440mm×340mm×148mm					
Weight	≤9.5KG		≤10KG		≤10KG	
IR Remote Sensing Position	Front/Rear					

Optional Lens

Lens model	HT-LM040	HT-LM058	HT-LM065	HT-LM075	HT-LM098S	HT-LM120S	HT-LM119S
Throw ratio	0.4:1	0.58:1	0.65:1	0.75:1	0.98-1.56:1	1.2-1.56:1	1.19-2.15:1
Displacement	Vertical: ±20% Horizontal: ±5%	Vertical: ±30% Horizontal: ±10%	Vertical: ±30% Horizontal: ±10%	Vertical: ±30% Horizontal: ±10%	Vertical: ±40% Horizontal: ±20%	Vertical: ±40% Horizontal: ±20%	Vertical: ±40% Horizontal: ±20%

- Notes:
- Relevant measurement methods and labeling methods comply with ISO, IEC21118:2020 international standard.
 - For detailed specifications and functional operation instructions, please refer to the product instruction manual. This product specification is for reference only. If there is any error or change, please refer to the actual product without prior notice.
 - The environment and method of use will affect the service life of the projector. The data listed are only maximum values and are not guaranteed.

HOXE
Insight Image

DLP Laser Engineering Projector

Mainstream project-L series
HT-L660U/HT-L660UW/HT-L700U/HT-L700UW/
HT-L800U/HT-L800UW

SHOCKING CHIP LEADING VISION

New HEP package 0.8-inch chip

Multiple control protocols / Various lenses available



Leading the way

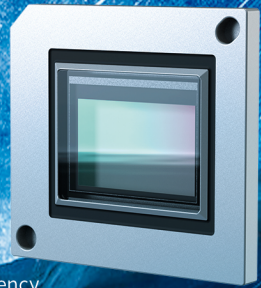
Powerful chip Core drive

20%↑
Static contrast

20000 lm
Luminance limit

15%↑
Red light brightness

20%↑
Energy conversion efficiency



HEP Packaging technology 0.8 inch Powerful chip

To ensure that the image is still bright and clear in a bright environment, the L series models adopt a new HEP packaging method to achieve brightness upgrade. The static contrast is significantly improved, the image is delicate, and the details are outstanding. In addition, by improving the DMD diffraction efficiency of the red laser and increasing the red ratio, the red image is bright and bright.

For the first time, HEP-encapsulated 0.8" large chips are applied to engineering models of about 10KG. At the same time, they are equipped with intelligent system upgrade solutions to target mid-to-high-end brightness models, improving all-round performance by leaps and bounds.

Telecentric optical path design technology



The optical engine system adopts a telecentric light path design, which has higher light energy conversion efficiency and improved brightness uniformity to 90%. The color and brightness of the entire projection screen remain consistent, making the image more delicate.

TIR prism

The TIR prism plays a steering role in the imaging system and eliminates stray light. The telecentric optical path design uses TIR prisms to achieve higher uniformity.

Off-axis amount

The telecentric optical path design has a large range of displacement and has a wider range of applications.

Ultimate color rejuvenation Vividly presented



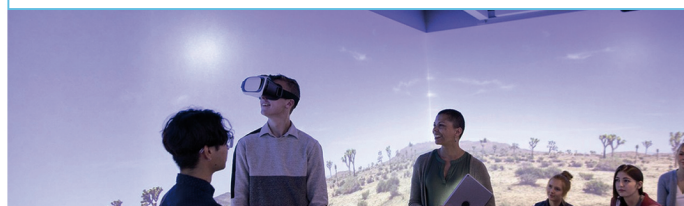
Ultimate color technology

The ultimate color technology achieves an extremely high red proportion, creating stunning and vibrant visuals, with a color gamut of >100% REC709. Through the perfect ratio of RGB, it restores image details accurately and creates richer visual layers, enhancing the overall sensory experience.



3D color management technology

Built-in multiple color modes and supports 3D color management, allowing for individual adjustments of six primary color hues, saturation, and gain to ensure color consistency across different machines.



Zero flicker technique

The unique algorithm is used to achieve flicker-free images, relieve eye strain and fatigue, and protect eye health.

Multiple lenses are available for selection

Meets the varying lens requirements of different spaces.



360° portable installation



• 360° installation



• Digital zoom function



• Horizontal/vertical trapezoid correction



• Four corner adjustment function

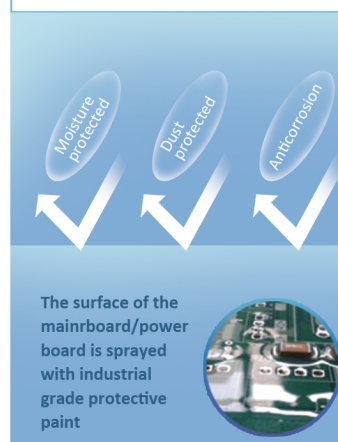
Stable and persistent operation



• Laser light source



• Professional-grade protection

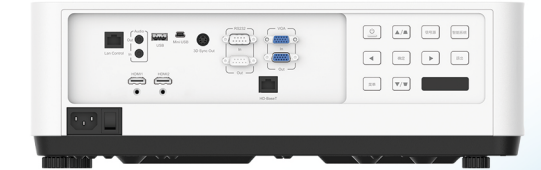


• Industrial-grade protection



• Efficient heat dissipation

Rich digital interfaces



- VGA input, VGA output
- HDMI2.0 digital interface, supporting the CEC function
- HDBaseT interface (only for L800U/UW series)
- Mini Jack audio and video digital interface
- 3D SYNC synchronization interface
- RS232C input, RS232C output, RJ45 interface

Full Chinese logo control panel, remote control

Multiple control protocols

TCP IP/PJ link/Web browser and other network control

Connected through the network port, supports multiple network control methods within the LAN, and supports the PJ LINK (class1) control protocol.

RS-232 serial port control

At the same time, it is equipped with RS232C serial port input and output interface, which can control multiple projectors through a computer.

Other functions

- Support 4:3, 16:9, 16:10, 16:6 image ratio



- Remote ID setting function, the remote control has a laser pointer button



Laser pointer

- Instant on and off without waiting, set the timer to automatically shut down

- Support 3D-ready



- High altitude model

- Customize startup screen function

- Direct boot function with power on

- One-click blanking function

- Supports automatic power-on while VGA or HDMI signal source input

- Energy saving and environmental protection, the standby power consumption can be less than 0.5W. Automatic energy saving without signal input.