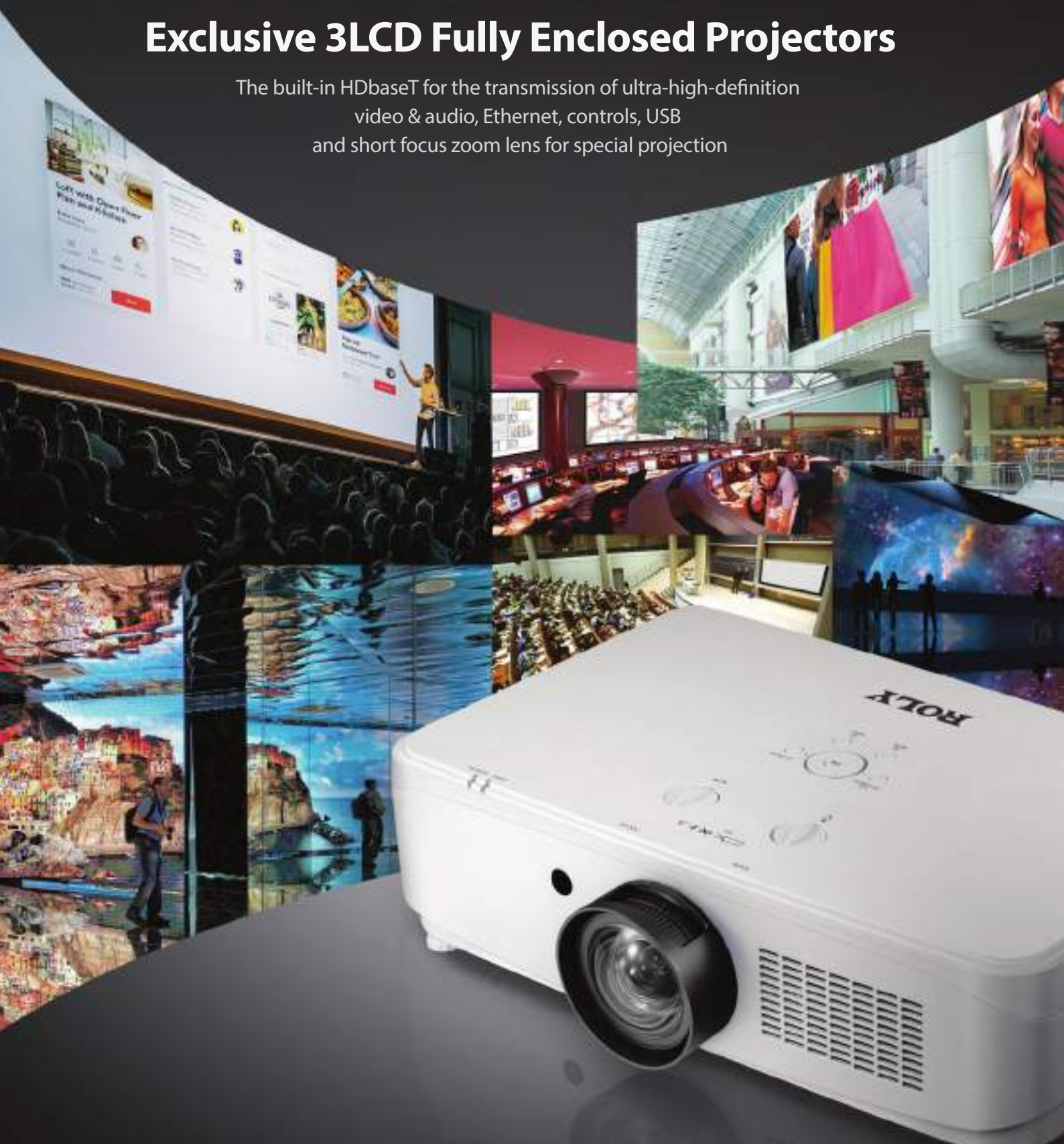# ROLY

LASER

Exclusive 3LCD Fully Enclosed Projectors

The built-in HDbaseT for the transmission of ultra-high-definition
video & audio, Ethernet, controls, USB
and short focus zoom lens for special projection

RL-6000UT

| WUXGA | 6000 lm |

| Fully-enclosed design | Internal circulating cooling system | Filter-free, no consumables without maintenance | Smart fan | HDbaseT | 360° installation | short focus zoom |

Specifications

Model	RL-6000UT
Display Technology	Liquid Crystal Display
LCD panel	3x0.64"(16:10)
Brightness	6000 lm
Resolution	WUXGA (1920x1200)
Number of pixels	2,304,000 (1920 x1200) x3, total of 6,912,000 pixels
Contrast	3500000:1
Center to corner uniformity	≥ 90%
Lens	F2.0~2.16 · f=9.77~11.32mm · Manual zoom (1.2x) · Manual focus
Screen size	60"-300"
Throw distance	0.86m~5.16m
Throw Ratio	0.68-0.80
Light source (service life)	Laser diode (Normal mode: 20000h, Eco mode: 25000h)
Lens Shift	Up: 35% (Manual) · Down: 5% (Manual) · Horizontal: ±10% (Manual)
Keystone Correction	Vertical: ±40° (Auto, Manual) · Horizontal: ±15° (Manual)

Input Terminals

Input Terminals	PC	DVI-D ×1 · VGA (D-sub 15pin) ×1
	Audio	Audio in: mini jack ×1 (3.5mm)
	Video	HDMI ×1 · Video ×1 (RCA)
	Others	USB ×2 · HDbaseT ×1

Output terminal	VGA (D-sub 15pin) ×1 · Audio out (Mini-jack) ×1 (3.5mm)
Control terminal	RS232 (D-sub 9pin) ×1 · RJ-45 ×1 (Control)
PC input signal	PC-VGA,SVGA,XGA,SXGA,WXGA,UXGA,WUXGA / Mac
Video input signal	PAL,SECAM,NTSC (480i,480p,565p,576i,576p,720p,1080i,1080p)
Scanning Frequency	Horizontal: 15~90kHz · Vertical: 50~80Hz
Noise	Normal mode: 37dB · Eco mode: 29dB
Projection method	Ceiling / floor · front / rear (Auto Image Rotation)
Speaker	10W×1
Weight	11 kg
Dimension (WxHxD)	545×135×345mm (not incl. protruded part)
Power supply	100~240V AC (50/60Hz)
Power Consumption	460W max (≤ 0.5W when Standby mode set to Eco)
Operating environment	Operating temperature: 0°C~40°C · operating humidity: 20%~80% (non-condensation)
Standard accessory	Wireless remote control, power cord
Function	◆ Built-in LAN for remote monitoring ◆ DICOM simulation mode ◆ Overheat automatic shutdown function ◆ Quick start and Quick off ◆ One-button black screen function ◆ Quiet 29dB (Eco mode) ◆ Compatible with PJ-Link、AMX、Crestron ◆ Password locking and anti-theft lock latch ◆ Blackboard modes for colored screen surfaces ◆ USB Memory Viewer

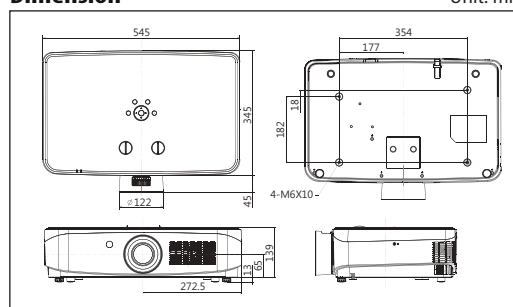* These specifications and the product design are subject to change without notice.

Projection distance WUXGA (16:10 aspect ratio)

Screen size (inch)	min. (wide) (meters)	max.(tele) (meters)
60"	0.86	1.02
100"	1.47	1.73
120"	1.77	2.08
150"	2.22	2.61
200"	2.98	3.09
300"	4.32	5.16

* Approximate throw distances shown adove were calculated on lens design specifications.
* Please note that up to 5% deviation may result due to lens variation.

Dimension
Unit: mm

Features

■Fully-enclosed Structure Design

ROLY laser projector haw the IP6X level of enclosed light machine structure.It can block dust from entering without the need of using a filter, thus prolonging the internal optical elements service life.

enclosed loop cooling principle

■Internal Circulating Cooling System

ICCS technology uses the enclosed cooling principle - the external cooling system and the internal loop cooling system, which keeps the internal optical system having a good constant temperature environment.

■No Light-Source Replacement for 20,000 hours

Laser light source has an ultra-long service life of 20,000 hours. With energy-saving and environment-friendly characteristics, it can save more than 30% of energy compared to general projectors.

■Smart Temp. Control System

It automatically controls the fan speed to adjust the projector working temperature, which increases its stability and prolongs its service life.

■Other

◆ Lens shift Function
◆ Corner Keystane Correction
◆ 360° free and flexible installation function
◆ Auto Image Rotation
◆ DICOM simulation mode
◆ Built-in LAN for remote monitoring
◆ Quick start and Quick off function
◆ One-button black screen function
◆ Overheat automatic shutdown function
◆ Password locking and anti-theft lock latch
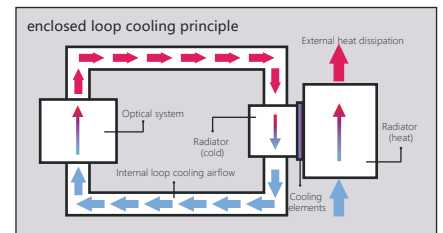◆ Compatible with Crestron - PJ-Link - AMX

Precautions

- According to the ISO21118 standard: all data represents the average value of the product at the time of production, and the minimum value of the product is 80% of the value.
- Product specifications are for reference only. If there is any misuse or change, please refer to the actual machine without prior notice.
- This projector is not a medical device, please do not use it for actual diagnosis. DICOM simulation mode is suitable for medical training and demonstration.
- The environment and method of use will affect the life of the projector. The listed data is only the maximum, non-guaranteed hours.
- The final information of the product is marked by the box or the actual product. Please confirm with the dealer when purchasing.
- All materials have been carefully checked for accuracy, please be aware of any errors in printing or deviations in translation.

ROLY

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