

LH830ST 4000lms 1080P Laser Simulation Projector

- 0.5 short throw ratio for large image from short distance.
- One-click preset for multi-projector blending to minimize setup effort.
- IP6X sealed engine with optional filter for optimal dust resistance and protection.
- Supports OTA firmware updates to keep all devices up to date without physical access.
- Laser high visual 4000lms brightness



All Specifications

Display

Brightness (ANSI lumens)	4000
Resolution	1080P (1920x1080)
Native Aspect Ratio	16:9
Contrast Ratio (FOFO)	3,000,000:1
Display Color	30-bit (1.07 billion colors)
Light Source	Laser
Light Source Life	a. Normal 20000 hrs, b. ECO 30000 hrs
Screen Fill	4:3;16:9;16:10;1:1;5:4

Optical

Throw Ratio	0.496
Zoom Ratio	Fixed
Lens	f 2.8, f: 17.51 mm
Projection Offset (Full-Height)	116%
Keystone Adjustment	2D, (Auto) Vertical ± 30 degrees; Horizontal ± 30 degrees

Picture

Rec. 709 Coverage	93%
Picture Modes	Entertainment, 3D, Bright, Cinema, Golf, HDR10, HLG, Presentation, sRGB, User 1, User 2, Vivid

Compatibility

Input Lag	16.7 ms (1080P 60Hz)
Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)
Horizontal Frequency	15K-135KHz
Vertical Scan Rate	23-120Hz

I/O Interface

HDMI in	(x2), HDMI-1 (2.0b/HDCP2.2), HDMI-2 (2.0b/HDCP2.2)
LAN (RJ45)	(x1)
USB Type A	(x2)
RS232 in (DB-9pin)	(x1)

Audio

Speaker	15W, (x1)
Audio out (3.5mm Mini Jack)	(x1)

Environment

Operating Temperature	0~40°C
Power Supply	AC 100 to 240 V, 50/60 Hz
Typical Power Consumption (110V)	230W @110VAC
Stand-by Power Consumption	<0.5W
Network Stand-by Power Consumption	<2W
Acoustic Noise (Typ./Eco.)(dB)	30/24

Accessories

Remote Control w/ Battery	RCA011
Power Cord (by region)	x1 (1.8M)
Quick Start Guide	(x1) 22L
Warranty Card (by region)	Yes
Anti-dust Filter	(Optional)
Universal Ceiling Mount	CM00G3, (Optional)

Dimension & Weight

Dimensions (WxHxD) (mm)	279.2*120.5*229.3 (mm)
Net Weight (kg)	3.4 Kg+/- 100g
Dimensions (WxHxD) (inch)	10.99*4.74*9.03
Net Weight (lb)	7.48 lbs + 0.22 lbs

Projection System

Projection System	DLP
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