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LW890UST 4000lms WXGA Education

Uninterrupted Learning Through Long-Lasting Projection

- Ultra short-throw ratio
- Laser technology for superb image quality
- IP5X dustproof mechanism reducing maintenance costs

\$ 2249

Quotation

Out of stock



LW890UST

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All Specifications

Projection System

Projection System	DLP
DMD size	0.65"

Display

Native Resolution	WXGA (1280x800)
Native Aspect Ratio	16:10
Brightness (ANSI lumens)	4000
Contrast Ratio (FOFO)	3,000,000:1
Selectable Aspect Ratio	16:10,16:9,4:3,Auto,Real
Display Color	30-bit (1.07 billion colors)
Light Source	Laser
Light Source Life	a. Normal 20000 hrs

Optical

Throw Ratio	.24
Zoom Ratio	Fixed
Lens	F/# = 2.4, f = 3.35 mm
Projection Offset (Full-Height)	117.30%
Keystone Adjustment	2D, Vertical \pm 20 degrees; Horizontal \pm 20 degrees
ANSI Uniformity (Min.)	-40%
Clear Image Size	80"~119"
Image Size	80"~119"

Picture

Picture Modes	3D,Bright,Cinema,Presentation,sRGB,User 1,User 2,Vivid
Color Wheel Segment (SSI)	RGBY
Color Wheel Speed	2X (50Hz),2X (60Hz),3D (144Hz)
Rec. 709 Coverage	85%

Compatibility

Input Lag	TBD
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HD TV Compatibility	1080i, 1080p, 720i, 720p, 480i, 480p, 576i, 576p, 720p
Video Compatibility	NTSC,PAL,SECAM
3D Compatibility	Frame Packing,Frame Sequential,Side by Side,Top Bottom

I/O Interface

PC in (D-sub 15pin)	(x1),PC in-1 (shared with component video)
Monitor out (D-sub 15pin)	(x1)
Composite Video in (RCA)	(x1)
S-Video in (Mini DIN 4pin)	(x1)
HDMI in	(x2),HDMI-1 (1.4b/HDCP1.4/MHL),HDMI-2 (1.4b/HDCP1.4)
LAN (RJ45)	(x1)
USB Type A	(x1),USB Type A-1 (2.0/Power Supply1.5A)
USB Type Mini B	(x2),USB Type Mini B-1(service),USB Type Mini B-2(PointWrite)
RS232 in (DB-9pin)	(x1)

Audio

Speaker	(x1),10W
Audio L/R in (RCA)	(x1),x1
Audio out (3.5mm Mini Jack)	(x1),x1
Audio in (3.5mm Mini Jack)	(x1),x1

Environment

Power Supply	AC 100 to 240 V, 50/60 Hz
Typical Power Consumption (110V)	358W
Stand-by Power Consumption	<0.5W
Network Stand-by Power Consumption	<2W
Acoustic Noise (Typ./Eco.)(dB)	35/32
Acoustic Noise (Typ./Eco.) with dust filter(dB)	37/34
Operating Temperature	0~35°C

Accessories

Remote Control w/ Battery	RCA022
Power Cord (by region)	x1 (2.9M)
VGA(D-sub 15pin) Cable	(Standard),1 (1.8m)
User Manual CD	1 (24L)

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Warranty Card (by region)			Yes			
Anti-dust Filter			(Optional), Yes			
Wall Mount			(Standard), Yes, WM03G6			
OSD						
OSD Language			28L			
Smart System						
Dimension & Weight						
Dimensions (WxHxD) (mm)			502.1x164.5x399.3			
Net Weight (kg)			9.06			
Optical						
Throw Ratio			0.24			
Zoom Ratio			Fixed			
Lens Control			Manual Focus			
Keystone Correction			2D keystone, Vertical ± 20 & Horizontal ± 20 degrees,			
Projection Offset**			117.3 \pm 3%(Full-Height)			
Projection Size (diagonal)			80"~119"			
Display						
Projection System			DLP Single 0.65" WXGA			
Resolution			1280 x 800 pixels, 16:10			
Brightness			4,000 ANSI Lumens			
Display Color			1.07 Billion Colors			
Aspect Ratio			Native 16:10 (5 aspect ratio selectable)			
Light Source			Laser Light Source			
Light Source Life*			min 20000Hrs			
Contrast Ratio			3,000,000:1			
DMD Type			DC3 DMD Chip			
Audio						
Built-in Speaker			10W x1			

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Feature

2D Keystone, Corner Fit, Digital zoom(2x), Digital Shrink(0.75x), LAN Control, AMX/ PJ Link/Crestron/MDA Compatibility Optional Wireless Display, Optional Interactive module (PW40U) compatibilityOptional Dust Filter

Connectivity

I/O Port

HDMI-1 X1
HDMI-2/MHL X1
PC (D-sub 15pin) X1
Monitor out (D-sub 15pin,Female) X1
Composite Video in (RCA) X1
S-Video in X1
Audio in(mini jack) X1
Audio L/R in (RCA) X1
Audio out (mini jack) X1
LAN Port(RJ45 for Network) X1
RS232 In (D-sub 9pin, male) X1
USB TypeA (5V,1.5A) X1
USB Type mini B (For service) X1
USB Type mini B (For PointWrite module) X1
IR Receiver(Front) X1

Compatibility

Resolution Support

VGA (640 x 480) to WUXGA (1920 x 1200)

Horizontal Frequency

15KHz ~102KHz

Vertical Scan Rate

23 - 120Hz

HDTV Compatibility

480i, 480p, 576i, 576p, 720p, 1080i, 1080p

Video Compatibility

NTSC, PAL, SECAM

Power

Power Consumption (Max/Normal/Eco)

Max 380W. Normal 358 W. Eco 274 W.

Standby Power Consumption

Normal < 0.5Watts. Network < 2W

Dimension and Weight

Product Dimensions (WxHxD)

502.1x 164.5 x 399.3 mm

Product Weight

9.06 Kg+/- 100g

Operation Condition

Operating Temperature

0° ~ 40°C

Noise Level (Normal/Eco)

35/32 dBA (without dust filter)
37/34 dBA (with dust filter)

Accessories

Power Cord (by region)
Remote Control (RCA022)

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Accessories (Optional)

- QSG (4J.JJC01.001)
- User Manual CD (5B.JJC01.001)
- Wall mount (WM03G6)
- 3D Glasses (5J.J9H25.002)
- PointWrite Kit: PW40U (5A.JJR26.10E)
- Wireless Dongle: QCast Mirror (5A.JH328.10X)
- Wireless Dongle: QCast (5J.JCK28.X01)
- Wireless Kit - Instashow WDC10 (9H.JF878.N4X)
- Dust Filter -FTFS02 (5J.JHF14.001)

OSD

On Screen Display Language

- Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/ Spanish/ Swedish/ Turkish/Thai/TraditionalChinese (28 Languages)

LS2LT1

Lens

F=2.6, f=6.9mm

InstaShow Host

Power Supply

100 ~ 240V AC

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