HITACHI
Inspire the Next

Our Cutting-Edge 3LCD Laser Projector Range

WARRANTY
5 Years / 20,000 hrs*
WARRANTY

the BEST of ISE
2018
award winner

LP-TW4001/LP-TW3001
LP-AW4001/LP-AW3001

CRESTRON **Extron** CERTIFIED **Laser**
3LCD **PJLink**™ **HDMI**™ HIGH-DEFINITION MULTIMEDIA INTERFACE **AMX**™

Key Features:

Up to 20,000 hours maintenance free operation for laser light source (50,000 hours light source using Long life 2 mode)

WXGA 1280 x 800 resolution

Up to 4,200 ANSI lumens white/colour output

500,000:1 Contrast Ratio

HDMI 2 inputs

Image size up to 130" with category leading offset

Powered Focus

Starboard Interactive Software included with LP-TW4001/LP-TW3001 interactive models

20,000hrs or 5 years warranty, whichever comes first.

Introducing our new, highly innovative 3LCD ultra short throw laser projectors, combining our in-depth technical knowledge and market-leading expertise.

PJLink™ **CRESTRON®** **Extron CERTIFIED** **Laser** **HDMI™** HIGH-DEFINITION MULTIMEDIA INTERFACE **AMX** **3LCD**

Hitachi's solid state light source projector line-up now includes four models; LP-TW4001 / LP-TW3001 (inter-active) and LP-AW4001 / LP-AW3001 (non-interactive).

The new laser phosphor light source offers approximately 20,000 hours (normal mode) of operation time and is virtually maintenance free. There is no lamp to replace providing a dramatic reduction in total cost of ownership.

Our range of ultra short throw projectors are ideally suited for producing up to 130" images in limited spaces and are specifically designed to meet the diverse needs of business people and educators. The projectors are easy to install and flexible to use allowing you to project onto any existing whiteboard, wall or table top.

A suite of advanced features normally found only on higher end models includes 2 HDMI ports, High Dynamic Contrast Range (HDCR2), and Hitachi's original technology Accentualizer that allows the projected image to appear more real by enhancing sharpness, gloss and shade.

Light weight, compact and environmentally friendly, our new generation of ultra-short throw projectors provide unparalleled image vibrancy and clarity all wrapped up in a sleek, stylish design.

For added peace of mind, our ultra short throw projectors are backed by a generous 5 year / 20,000hrs* warranty and are supported by our world-class service and support programmes.

*5 Years or 20,000hrs, whichever comes first.

These ultra short throw LCD laser projectors from Hitachi are specifically designed to enhance the visual experience – be it audience or presenter. Vivid colours, bold graphics and crisp text. Our projectors do it all, no matter what the environment. With up to 4,200 ANSI lumens of brightness and WXGA 1280 x 800 resolution, our ultra short throw projectors provide the perfect compatible solution. They also feature a high contrast ratio, cloning function enabling you to copy settings data from one projector to others of the same model, and are wireless presentation ready. Plus, embedded networking gives you the ability to manage and control multiple projectors over your LAN (scheduling of events, centralised reporting, image transfer, and email alerts). Most importantly, the high performance of our projectors is exceptionally reliable and offers a very low cost of ownership.

These images are representative of the situations and locations that the LP-TW4001/LP-TW3001 and LP-AW4001/LP-AW3001 could be used in.

Unique Features

Accentualizer

ON	OFF	ON	OFF	ON	OFF
Sharpness		Gloss		Shade	

Hitachi original technology makes pictures look more real by enhancing sharpness, gloss and shade to make pictures as clear as pictures on a flat-panel device. You can also adjust the effects by three levels according to your surroundings so that the colours of projected images are the actual colours of the objects they represent.
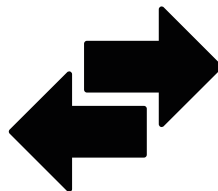
Aspect Zoom

Aspect Zoom makes the maximum image size on the screen while keeping the aspect of the image.

HDCR2 (High Dynamic Contrast Range)

No HDCR	Previous HDCR	New HDCR 2

When average projectors are used in bright rooms, the darker colours of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. The recent enhancement to HDCR2 achieves not only auto tone enhancement but also auto colour enhancement. This results in clear and vivid images even in bright rooms.

Cloning Function

Copy setting data from one projector to others of the same model via USB memory. Cloning not only saves almost all PJ settings such as gamma and keystone via USB memory, it saves countless hours in setup and installation.
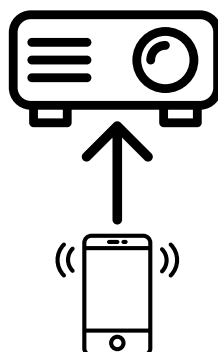
MHL™

MHL (Mobile High-Definition) allows users to mirror their phone/tablet screen with the projector display. It is compatible with any and all apps.

Perfect Fit 2

Enables the user to adjust individual corners and sides independent of one another. Perfect Fit 2 provides vertical and horizontal digital correction of either barrel or pin cushion distortions. This feature helps correct geometric and complicated distortions. Perfect Fit 2 allows the projected image to fit correctly to the screen quickly and easily.

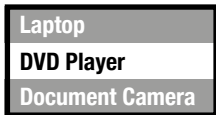### Projector Quick Connection App For Mobile Devices

Our iOS and Android applications offers projector control and also provides the capability to display photos, document files and web site contents. Available for iPad®, iPhone® and Android devices. Works over your LAN via your RJ-45 port or via an optional USBWL5G wireless adapter.

StarBoard Interactive Software

StarBoard Interactive Software is an information sharing and interactive presentation software for professionals, which Hitachi offers as standard with each interactive model.

Standard Features

Laptop
DVD Player
Document Camera

Input Source Naming
Users can name input sources in simple language instead of factory default names.

Microphone Input
A microphone can be used via the jack located on the input panel. Allows for more dynamic presentations even in standby mode.

Network Control, Maintenance and Security
Embedded networking gives you the ability to manage and control multiple projectors over your LAN. Features include scheduling of events, centralized reporting, image transfer and e-mail alerts for reactive and routine maintenance.

PC-Less Presentation
By using a USB memory stick or other storage device, you can use the projector without a computer. Menus are easy to see with a thumbnail display. Additionally there is also a slideshow and video function.

PIN Lock / MyScreen / MyText
PIN lock protection can limit projector users. MyScreen PIN lock keeps captured images on the startup screen. Users can set any name logo to MyScreen, clearly identifying ownership. MyText provides the ability to write text on the startup screen such as model. name, serial number or location.
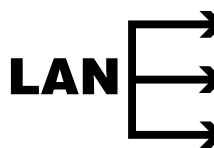
ALERT!!!

PJMessenger
PJMessenger function allows you to send and display text messages and audio alerts on your networked projectors. It is an easy and efficient way to send announcements out to multiple units.
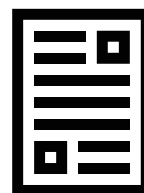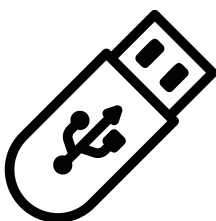
LAN

Present Content via LAN
Hitachi's suite of networking software allows you to easily send content directly from your PC to the projector via your LAN connection.

Template Function
Line templates in the projector menu can help when writing on a whiteboard. There are four types of line templates to choose from.

Wireless Presentation Compatible
Connect the projector to a computer or your network using the optional USB wireless adapter (part number USBWL5G). The adapter supports IEEE802.11.

WARRANTY
5 Years / 20,000 hrs*
WARRANTY

5 Year / 20,000* Hours Light Source Warranty
The new laser phosphor light source offers approximately 20,000 hours (normal mode) of operation time and is virtually maintenance free. There is no lamp to replace providing a dramatic reduction in total cost of ownership.
5 Years or 20,000hrs, whichever comes first.

Built-in Scheduler
Allows easy management of the unit.

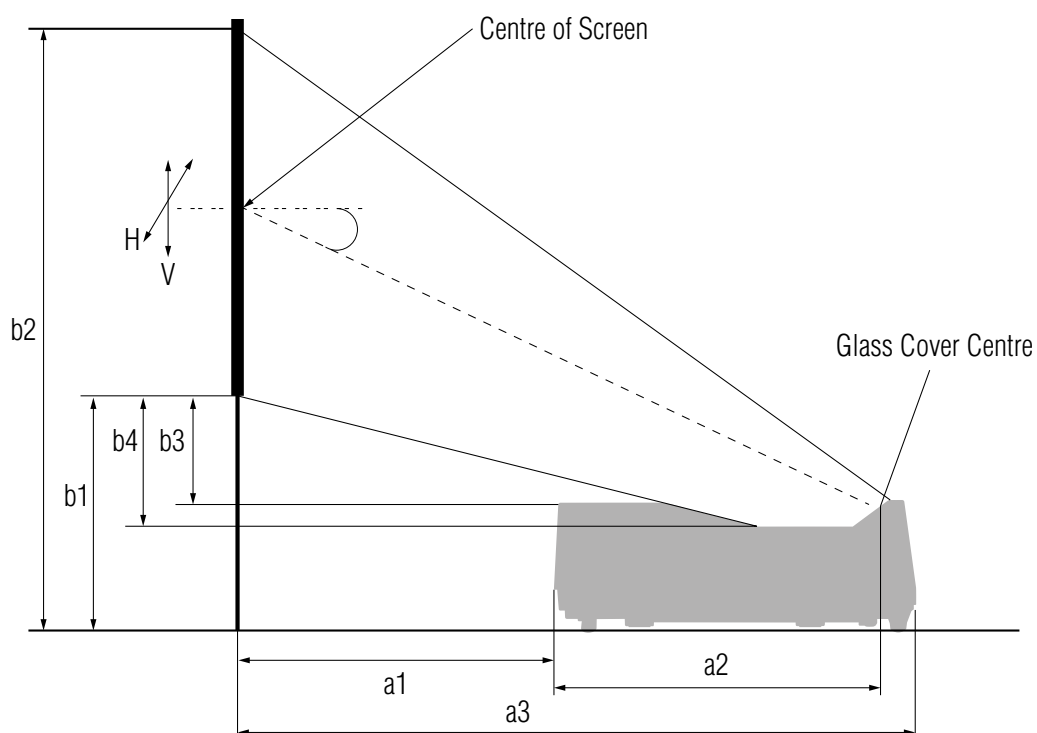**Crestron, Extron, AMX certified**
Allows ease of use with their products.

Image Size16:10									
Screen Size	**H x V**		**a1**	**a2**	**a3**	**b1**	**b2**	**b3**	**b4**
Inch	m	m	m	m	m	m	m	m	m
60	1.3	0.8	0.079	0.413	0.499	0.237	1.044	0.085	0.137
70	1.5	0.9	0.149	0.483	0.569	0.261	1.203	0.109	0.161
80	1.7	1.1	0.219	0.553	0.639	0.285	1.362	0.133	0.185
90	1.9	1.2	0.289	0.623	0.709	0.309	1.521	0.157	0.209
100	2.2	1.3	0.359	0.693	0.779	0.334	1.680	0.182	0.234
130	2.8	1.8	0.568	0.903	0.989	0.406	2.156	0.254	0.306

Wall Mount Unit
(HAS-WM06)

LP-TW4001 / LP-TW3001 & LP-AW4001 / LP-AW3001
Technical Specifications

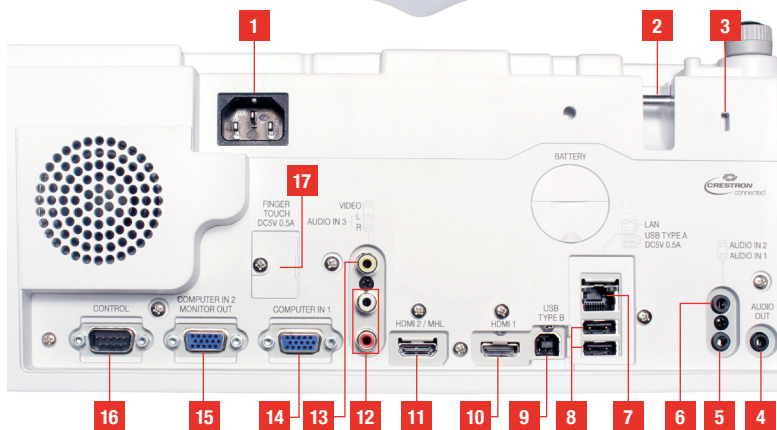|	
Panel Size	3 LCD 15mm (0.59")
Panel Structure	3LCD
Resolution	WXGA (1280 x 800)
Light Output (Brightness) ANSI Lumens	LP-TW4001: 4200 (Normal) / LP-TW3001: 3300 (Normal) LP-AW4001: 4200 (Normal) / LP-AW3001: 3300 (Normal)
Contrast Ratio	500,000:1
System (Hours)	20,000
Lens	Built-in
Lens Zoom	Digital zoom x 1.35
Lens Focus	Powered focus
Projection Lens F Number	1.6
Throw Distance	0.413m - 0.903m (centre of glass to screen)
Distance to Width Ratio/ Throw Ratio (:1)	0.3
Diagonal Display Size	60 - 130"
Installation	Ceiling, Tabletop, Rear
Speakers	16W mono
Digital Keystone Correction (Degrees)	Horizontal: ± 5° / Vertical: ± 5°
Picture Modes	Normal, Cinema, Dynamic, Whiteboard, DICOM SIM, User-1, User-2, User-3
Picture Adjustments	ASPECT selection (Normal/4:3/16:9/16:10/14:9/Zoom/Native), Perfect Fit (4 corners and 4 sides), Frame Lock (Data signal with vertical frequency of 49 to 51 Hz, 59 to 61 Hz), HDCR, Image blank by RS232C/Remote control, Image Optimizer, Magnify, Mirror Reverse Image, Up-side Down Image
Operating Features	Keystone V/H, PerfectFit, Standby Audio, Audio pass through, Cloning function, Easy schedule setting
Network Features	Wireless Capability(Option), Multi Projector, Moderator Control Mode, Projector Quick Connection (iOS / Android app), Projector Monitoring and Control from a Remote Location, E-mail Alerts
Security Features	Password/Myscreen Password, Pin Lock, Key Lock
Supported Languages	34 Languages (English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkish, Arabian, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese(Brazil), Indonesian, Vietnamese, Hebrew)
Digital Input	HDMI x 2 (HDCP compliant, HDMI 2 shared with MHL)
Analogue Input	15-pin Mini-D-Sub x 2, RCA Jack x 1

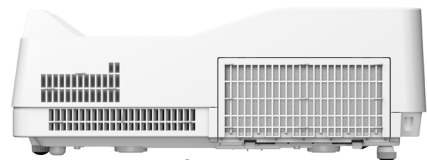|	
Video Output	15 pin Mini D-Sub x 1 (shared with analog computer input)
Audio Input	3.5mm Stereo Mini Jack x 2, RCA Jack (L/R) x 1
Audio Output	3.5mm Stereo Mini Jack x 1
RS-232C Control	1 x 9-pin D-Sub
Wireless LAN	USB-WL-5G (IEEE802.11 a/b/g/n/ac: 2.4GHz/5GHz) (optional)
Wired LAN	RJ45 connector x 1
USB Type-A	USB Type A x 2 (PC less Presentation or Wireless adapter)
USB Type B	USB Type B x 1 (USB display or USB mouse control)
Power Supply	AC 100V – 120V / AC 220V – 240V (50/60Hz)
Operating Power Consumption	LP-AW4001:350W / LP-AW3001:280W LP-TW4001: 380W / LP-TW3001: 300W
Standby Power Consumption	Less than 0.5W
Weight	LP-TW4001: 7.9Kg / LP-TW3001: 7.7Kg LP-AW4001: 7.6Kg / LP-AW3001: 7.4Kg
Dimensions (W x H x D)	512 x 424 x 155mm
Noise (Normal)	34dB (Normal), 28dB (Whisper)
Filter Life (Hours)	20,000
Certification	CE Marking, EN61000-3-2, EN61000-3-3, EN55032 (class A), EN55035 (EMC directive), EN60950-1 (Low voltage directive), WEEE/RoHS compliant
Computer	IBM Compatible VGA, SVGA, XGA,WXGA, WXGA+/SXGA/ SXGA+/UXGA (compressed)
Video	525i (480i), 525p (480p), 625i (576i), 625p (576p) 1125i (1080i@50/60), 1125p (1080p@50/60)
Supplied Accessories	Power Cable (1.8m) x1, Computer Cable (2m) x1, Remote Control Unit x1, Concise User Manual x1, Security Label x1, Adapter Cover x1, Hook Metal x1, Screw x1, HDMI Cable Holder (x2), Cable Tie (large x1, medium x2, small x1), AA Batteries x2, Interactive Pen x2, Pen Tip x4, AAA Batteries x4, Starboard Interactive DVD for LP-TW4001 and LP-TW3001 interactive models
LP-TW4001 / LP-TW3001 Optional Accessories	USB wireless adaptor USB-WL-5G, Wall mount unit: HAS-WM06 (in some buying conditions wall mount is included), Finger Touch Unit (FT-01B), Interactive Pen (I-PEN4)
LP-AW4001 / LP-AW3001 Optional Accessories	USB wireless adaptor USB-WL-5G, Wall mount unit: HAS-WM06 (In some buying conditions wall mount is included)
Filter	UX43251
Remote Control	HL03037
Projector/ Light source Warranty	20,000 hours / 5 years (whichever comes first) (for extended warranties please contact your local dealer)

Interactive Pen (I-PEN4)

Finger Touch Unit (FT-01B)

Front View

Side View

Top View

1. AC
2. Security Bar
3. Kensington Lock
4. Audio Out
5. Audio in 1
6. Audio in 2
7. LAN
8. USB Type A DC5V 0.5A
9. USB Type 2
10. HDMI 1
11. HDMI 2/MHL
12. Audio in L/R
13. Video
14. Computer in 1
15. Computer in 2/ Monitor Out
16. Control (RS-232C)
17. Finger Touch* (DC5V 0.5A)
*Interactive models only.

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Dealer Stamp

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Specification and photography subject to change.