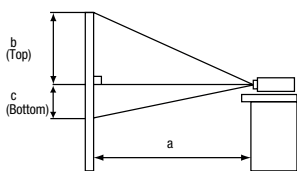
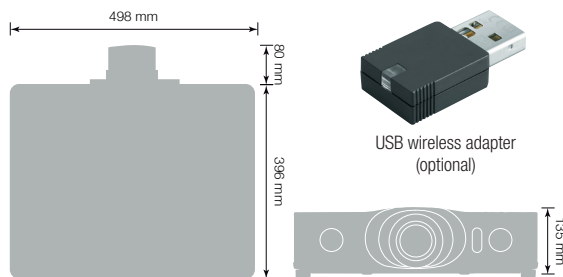
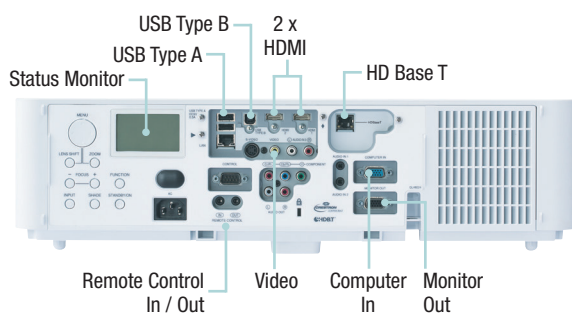


CP-WU8451 / CP-WU8461

HITACHI

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Technical Specifications



a: Projection distance
b: Lens centre to the higher edge of the screen
c: Lens centre to the lower edge of the screen

Lens Specifications

Image Size 16:10 - Standard Lens: ML-703				
Screen size (diagonal)	Projection distance (a)		Screen height (cm)	
	Wide (m)	Tele (m)	b (top)	c (bottom)
30" (0.8m)	1.0	1.9	45	-4
40" (1.0m)	1.3	2.6	60	-6
50" (1.3m)	1.6	3.2	75	-7
60" (1.5m)	1.9	3.8	90	-9
70" (1.8m)	2.3	4.5	105	-10
80" (2.0m)	2.6	5.1	120	-12
90" (2.3m)	2.9	5.8	135	-13
100" (2.5m)	3.2	6.4	150	-15
150" (3.8m)	4.8	9.6	224	-22
200" (5.1m)	6.4	12.8	299	-30
250" (6.4m)	8.0	16.0	374	-37
300" (7.6m)	9.6	19.1	449	-45
500" (12.7m)	16.1	31.9	748	-75
600" (15.2m)	19.3	38.3	897	-90

OPTICAL	
LCD panel	0.76" (1.9cm) P-Si TFT x 3
Resolution	WUXGA (1920 x 1200)
White light output (brightness)	CP-WU8451: 5000 ANSI Lumens (Normal Mode)/4000 ANSI Lumens (Eco Mode) CP-WU8461: 6000 ANSI Lumens (Normal Mode)/4800 ANSI Lumens (Eco Mode)
Colour light output (colour brightness)	CP-WU8451: 5000 ANSI Lumens (Normal Mode)/4000 ANSI Lumens (Eco Mode) CP-WU8461: 6000 ANSI Lumens (Normal Mode)/4800 ANSI Lumens (Eco Mode)
Contrast ratio	5,000:1
Lens	Powered focus, Powered zoom x 2.0
Lamp wattage	CP-WU8451: 330W CP-WU8461: 365W
Lamp life	CP-WU8451: 2500 hours (Normal Mode)/3000 hours (Eco Mode)* CP-WU8461: 2000 hours (Normal Mode)/2500 hours (Eco Mode)*
Focus distance	1.0m~19.3m (Wide)/1.9m~38.3m (Tele)
Distance to width ratio	1.5 (Wide), 3.0 (Tele)
Diagonal display size	30~600" (76~1,524cm)
Keystone Correction	Vertical 10:0 shift, Normal at + 14.6° ~ 7.4° projection angle
Lens shift	Vertical 10:1 ~ 1:1, Horizontal 6:4 ~ 4:6 at Vertical 1:1
Number of colours	16.7M colours
COMPATIBILITY	
Computer compatibility	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, WSXGA+, UXGA, WUXGA, MAC 16"
Composite/S-Video	NTSC, PAL, SECAM, PAL-M, PAL-N, NTSC4.43
Component Video/HDMI	525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 750p(720p@50/60), 1125p(1080p@50/60)
FEATURES	
Basic functions	Freeze, Magnifying, Blank, Auto adjustment, Auto signal search
Picture adjustments	Aspect selection (CP-WU8461 only), Equalising digital gamma correction, 2-3 Pull Down for NTSC, Progressive scan, Noise reduction, Mirror Reverse Image, Up-side Down Image, Equalising colour temperature adjustment, Frame lock, Perfect Fit
Digital keystone	Auto Vertical Keystone correction ±35°, Horizontal Keystone correction ±15°
Advanced features	Audio pass through, Audio ports assign, Auto Eco Mode, Filter timer, Lens memory, My Button, My Memory, My Text, MyScreen, Overscan, PC-less presentation, Picture modes (normal, cinema, dynamic, blackboard, greenboard, whiteboard, daytime, DICOM simulation), Resolution setting, Source naming (English), Template, Instant stack, 360° vertical tilt, A ctive iris, Eco mode (Normal, Eco), Mechanical shade, Picture by Picture/ Picture in Picture, Remote ID, Status monitor, Accentualizer technology, iOS Connectivity, HDCR
Outward	Easy lamp replace from side, Easy filter replace from side
Power on & off	Direct power on, Auto power off
Security systems	PIN Security Lock, MyScreen Password Lock, Transition Detector, My Text Password Lock, Key Lock (keypad, remote control), Lens Lock, Kensington slot, Security bar
Network	AMX Device Discovery, Command control via the network, Configuring and controlling the projector via a web browser, Controlling the projector via scheduling, Crestron RoomView® (not accessible through the wireless adaptor), Displaying text data with audio alarm transferred via network, Failure and warning alerts via email, My Image (still image transfer) Display, Network Bridge, Network Presentation (PC still/moving picture transfer), PJLink™, Projector management via SNMP
OSD languages	33
Speakers	2 x 8W (stereo)
CONNECTIONS	
Digital input	2 x HDMI (HDCP Compliant)
Computer input	15-pin D-sub x 1
Monitor output	15-pin D-sub x 1
Video input	1 x S-Video, 1 x RCA Composite Video, 3 x RCA Component Video, 1 x 15-pin Mini D-sub (shared with Computer in 1), 3 x BNC (shared with Computer in 2)
Audio input	2 x Stereo Mini Jack, 2 x RCA Jack(L/R)
Computer input	2 x Stereo Mini Jack, 2 x RCA Jack(L/R)
Audio output	2 x RCA Jack (L/R)
Control	1 x 9-pin D-sub for RS232 control
USB	2 x USB type A, 1 x USB type B
HDBase T	RJ45 x 1
Wired network	1 x RJ-45 (10BASE-T/100BASE-TX)
Wireless network	IEEE802.11b/g/n (Optional USB wireless adaptor is required)
POWER	
Power supply	CP-WU8451 : AC220-240V / 2.5A CP-WU8461 : AC220-240V / 2.8A
Power Consumption/Standby	CP-WU8451 : Normal (200v) 480W/Standby 0.35W CP-WU8461 : Normal (200v) 520W/Standby 0.35W
PHYSICAL	
Dimensions (W x H x D)	498 x 135 x 396 mm excluding feet and extrusions
Weight	9.2kg (with standard lens)
Noise level	CP-WU8451 : 37dB (normal) / 31dB (eco) CP-WU8461 : 39dB (normal) / 33dB (eco)
Air filter	Hybrid (Up to 20,000 hours)
ACCESSORIES SUPPLIED	
Remote control with batteries (HL02801), RGB cable, power cord, lens cover, security label, user manual (detail & concise), Network & Wireless software (CD-ROM), Application CD, Adaptor cover	
OPTIONAL ACCESSORIES	
Replacement lamp	CP-WU8451: DT01291 CP-WU8461: DT01471
Filter set	CP-WU8451 : UX38241 CP-WU8461 : UX38242
USB wireless adaptor	USB-WL-11N
Solution products	TB-1 wireless interactive tablet, IM-1P interactive camera unit, MS-1WL wireless multi-functional switcher, MS-1 multi-functional switcher
Optional lenses	FL-701 - Motorized (focus only) - Fixed lens, Zoom x 1 SL-702 - Motorized - Short Throw Lens, Zoom x 1.5 LL-704 - Motorized - Long throw lens, Zoom x 1.7 UL-705 - Motorized - Ultra long throw lens, Zoom x 1.7
Warranty	
Projector/Lamp	3 Years/6 Months** (For education and extended warranties please contact your local dealer)



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*The stated lamp and filter life refers to the average life expected in ideal operating conditions with usage in accordance with the manual. The majority of, but not all lamps and filters should achieve this figure. **Where a lamp falls within warranty and a replacement lamp is taken, the warranty for the replacement lamp will be a maximum of 6 months (dependent on warranty hours stated). HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. AMX and the AMX logo, and Device Discovery are all registered trademarks of AMX. Crestron® and RoomView™ are registered trademarks or trademark of Crestron Electronics, Inc. The specification above and photography is for reference only and may be subject to change.