

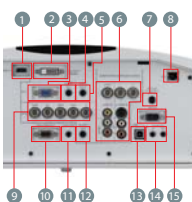


XD3500U XGA PROJECTOR

Brilliant Color	Color Enhancer	sRGB	30YC Digital Comb	PinP	User Logo Projection	Right-side Control	Page Up/Down	10W Speakers	Motorised Lens Shift
Password Lock	Direct Power Off	Centre Lens	Long-life Lamp	Low Standby Power	Side Lamping Lamp	LAN (RJ-45)	DVI	HDMI	Low Fan Noise

Picture Performance Presentation User Friendly

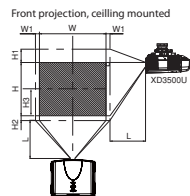
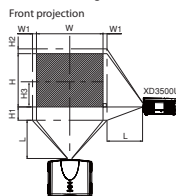
Input and Output Terminals



- 1 HDMI terminal
- 2 DVI-D (HDCP) terminal (DVI-D 24-pin)
- 3 Computer / Component Video IN-1 terminal
- 4 Audio IN-1 terminal (Mini jack)
- 5 Audio DVI-D terminal (Mini jack)
- 6 Video IN / Audio IN terminal
- 7 DC OUT (5V 1.5A (Max))
- 8 LAN(RJ-45) terminal
- 9 Computer / Component Video IN-2 terminals
- 10 Monitor OUT terminal (Mini D-SUB 15-pin)
- 11 Audio OUT terminal (Mini jack)
- 12 Audio IN-2 terminal (Mini jack)
- 13 USB (Computer) terminal
- 14 Remote IN / OUT
- 15 Serial terminal (D-SUB 9-pin)

Screen Size and Projection Distance / Optional Lenses

Refer to the following table to determine the screen size.



A wide variety of optional lenses is available to suit any operating or user requirement.



Specifications	
Model	XD3500U
Display Technology	0.7" 1-Chip DMD
Resolution	1024 x 768 (Total 786,432 pixels)
Brightness (Maximum)	5000lm
Contrast	2500: 1 (on / off)
Picture Size	40" - 300"
Throw Ratio	1.7 - 2.4
Source Lamp**	264W (Shut-off Time 4000hr) with Low Mode 330W (Shut-off Time 2000hr) with Standard Mode
Computer Compatibility	640 x 480 - 1600 x 1200 True: 1024 x 768, Sync on Green available
Video Compatibility	NTSC / NTSC 4.43 / PAL (including PAL-M, N / SECAM / PAL-60, Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60Hz), 1080i (1125i 50/60Hz), 1080p (1125p 50/60Hz), SCART (RGB+TV sync)
PC Input Terminals	mini D-sub 15pin x 1, 5 BNC x 1, DVI-D (with HDCP) x 1 Audio: stereo mini jack (ø3.5mm) x 3
Video Input Terminals	Video: HDMI(ver.1.2) x 1, RCA x 1 or BNC x 1, S-Video(4pin) x 1 or S-Video Y/C(BNC) Audio: RCA (L, R) x 2
Output Terminals	RGB: mini D-sub 15pin x 1, DC Out: 5V 1.5A (MAX) Audio: stereo mini jack (ø3.5mm) x 1
Communication Terminals	LAN (RJ-45) x 1, RS-232CD-sub 9pin x 1, USB x 1 (Mouse control), Wired remote in: stereo mini jack (ø3.5mm) x 1 Wired remote out: stereo mini jack (ø3.5mm) x 1
Audio Speaker	10W mono
Fan Noise	26dBA (Lamp Low Mode)
Dimensions(WxHxD)	450 x 187 x 373mm (excluding terminal cover)
Weight	10.3kg (excluding detachable terminal cover)
Power Supply	AC100 - 240V, 50/60Hz
Option	Lamp: VLT-XD3200LP Lens: OL-XD2000SZ, OL-XD2000LZ, OL-XD2000TZ, OL-XD2000FR

* Compliance with ISO21118:2005
** All brand names and product names are trademarks, registered trademarks or trade names of their respective holders.
** DLP™ (Digital Light Processing) and BrilliantColor™ are trademarks of Texas Instruments.
** Approximate figure representing average operational life cycle.

Screen size (XGA 4:3)			Default height projected image(H)		Distance from screen(L)		Movable V position from Default position		Movable H position from Default position						
Diagonal size	Width	Height	Max.Zoom	Min.Zoom	Max.Zoom	Min.Zoom	Down (D) (H1)	Down (D) (H2)	Left (W) (W1)	Right (W) (W2)					
40	102	32	81	24	61	0	0	54	1.4	74	1.9	12-0-2	30-0-6	3-0-3	8-0-8
60	152	48	122	36	91	0	0	82	2.1	112	2.8	18-0-3	46-0-9	5-0-5	12-0-12
80	203	64	163	48	122	0	0	110	2.8	150	3.8	24-0-4	61-0-11	6-0-6	16-0-16
100	254	80	203	60	152	0	0	138	3.5	189	4.8	30-0-6	76-0-14	8-0-8	20-0-20
150	381	120	305	90	229	0	0	208	5.3	284	7.2	45-0-8	114-0-21	12-0-12	30-0-30
200	508	160	406	120	305	0	0	279	7.1	380	9.7	60-0-11	152-0-28	16-0-16	41-0-41
250	635	200	508	150	381	0	0	349	8.9	-	-	75-0-14	191-0-36	20-0-20	51-0-51
300	762	240	610	180	457	0	0	419	10.6	-	-	90-0-17	229-0-43	24-0-24	61-0-61

Screen size (XGA 4:3)			Default height projected image(H)		Distance from screen(L)		Distance from screen(L)		Distance from screen(L)		Default height projected image (H)		Distance from screen(L)										
Diagonal Size	Width	Height	Max.Zoom	Min.Zoom	Max.Zoom	Min.Zoom	Max.Zoom	Min.Zoom	Max.Zoom	Min.Zoom	Max.Zoom	Min.Zoom	Max.Zoom	Min.Zoom									
40	102	32	81	24	61	0	0	41	1.0	57	1.5	-	-	48	2.2	-	148	3.8	12	30	25	0.6	
60	152	48	122	36	91	0	0	63	1.6	88	2.2	105	2.7	133	3.4	136	3.5	224	5.7	18	46	38	1.0
80	203	64	163	48	122	0	0	86	2.2	118	3.0	142	3.6	182	4.6	183	4.7	301	7.6	24	61	51	1.3
100	254	80	203	60	152	0	0	108	2.7	148	3.8	180	4.6	228	5.8	230	5.8	377	9.6	30	76	64	1.6
150	381	120	305	90	229	0	0	164	4.2	224	5.7	273	6.9	343	8.8	348	8.8	568	14.4	45	114	97	2.5
200	508	160	406	120	305	0	0	219	5.6	300	7.6	366	9.3	462	11.7	465	11.8	799	19.3	-	-	-	-
250	635	200	508	150	381	0	0	275	7.0	-	-	499	11.7	579	14.7	583	14.8	913	24.1	-	-	-	-
300	762	240	610	180	457	0	0	331	8.4	-	-	593	14.0	696	17.7	701	17.8	1142	29.0	-	-	-	-

The above figures are approximate and may be slightly different from the actual measurements.
Lens shifting is not available for the OL-XD2000FR (horizontal and vertical are set at 1:1)
The lens movable range shows distances from the factory default position.

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XD3500U

Industry-leading DLP Brightness of 5000lm

Large-screen reproduction of high-quality images. Breathtaking and powerful.

But image quality is not the only improvement to our large-screen projectors.

Mitsubishi Electric's new projectors are designed for easy installation and maintenance, superior operability and a comfortable viewing experience.

Welcome to the future of high-lumen projectors.

XD3500U 5000 lm XGA



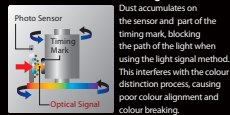
Operation simplified with Mitsubishi Electric's user-friendly design

Long Maintenance & High Durability

New Colour Wheel System

Dust could easily accumulate on the colour wheel sensors of previous models. Now the sensor is mounted in the rotary shaft motor casing which is almost fully enclosed, making it much less likely for dust to collect on the sensor.

Previous colour wheel design



New colour wheel design



Filter free

DLP™ projectors are structurally airtight therefore an intake filter isn't needed, eliminating filter changing and lowering costs.

Long 4000hr Lamp Life

The XD3500U has a lamp temperature controlling system that enables a lamp life of up to 4000 hours.*1 Long-life lamps make dramatic reductions in overall cost of ownership by reducing the frequency of lamp replacement.

Lamp Replacement Frequency**



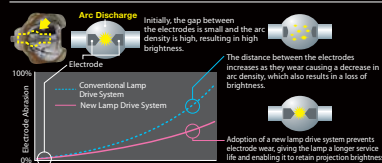
(*1) When lamp is used in "Low" mode. Maximum life in "Standard" mode is 2000hr.
(**) Lamp life refers to the average time required for brightness to be reduced by half, and not the time specified in the warranty. Use time may vary widely according to the environment and conditions, and whether or not cleaning and other maintenance procedures are followed.

Side Access Lamp & Centre Lens Design

The lamp can be accessed from the side of the projector, simplifying the replacement process as the projector does not have to be turned around when sitting on a shelf or turned over when suspended from the ceiling. The centre-set lens design makes set-up easy since the projector lens need only be aligned with the center of the screen.



New Lamp Drive System



Up until now, the electrodes in the lamp deteriorated more quickly when using the projector for long periods of time, resulting in a less vibrant image. The XD3500U incorporates an optical design that optimises lamp operation to create a lamp drive that makes it possible to stabilise the shape of the electrode during long-term use. As a result, the maximum lamp service life is extended for every projection mode and loss in projection brightness is obtained over a longer period of time.

Quick Lens Change

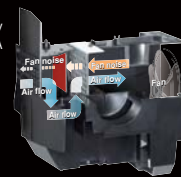
The top cover has a cut-out around the lens. This advanced feature enables the lens to be changed without removing the entire top cover.



User Friendly

Ultra - quiet 26dBa Operation

The fan noise from a projector can be annoying during a presentation or video conference. With the adoption of a hermetically sealed colour wheel and improved air duct path, this is a thing of the past. The XD3500U has a significantly low fan noise of only 26dBa (lamp in Low mode). As a result, audiences can enjoy presentations and conferences without the distraction of projector noise.



The air duct flow design has been improved so that fan noise doesn't interfere with the intake-air flow. Additionally, the fan noise is blocked from direct exit, making for a significant reduction in operation noise.

User Logo Projection

A user-created image (logo, picture, etc.) can be loaded onto the projector and used as the start-up image or stand-by screen.



Stand-by Power Consumption Under 1W*

We are always striving to protect the global environment and save energy, which has resulted in stand-by power consumption being reduced to under 1W*.

* Less than 2W in Normal mode (network turned on).

Stunning Beautiful Colours & High-quality Design

Brilliant Color™ and Mitsubishi Electric Engineering Yield Superior Colour Performance

Brilliant Color™, one of the latest innovations from Texas Instruments, produces amazingly rich and vibrant colours. We developed a 5-segment colour wheel (R, G, B, W and Y), and combining it with Brilliant Color™ and selective lamp-powered modulation techniques, allowing the XD3500U to intelligently reproduce colours that improve intensity and vibrancy across the entire screen.

w/o-BrilliantColor™

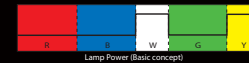


BrilliantColor™



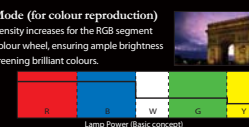
Lamp Power Modulation

Presentation Mode (for high brightness) Light intensity increases for the white and yellow segments of the colour wheel, giving greater emphasis to bright colours in more vivid tones.



Auto Mode (for colour reproduction)

Light intensity increases for the RGB segment on the colour wheel, ensuring ample brightness while screening brilliant colours.



Super-bright 5000 lumens

The XD3500U delivers super-bright 5000lm images. It's the ideal brightness for giving presentations in large meeting rooms and conference halls.



Precise Gradation Reproduction

- Well-established DDP3020 DLP™ data processor
- High-speed LVDS (low-voltage differential signal)
- 10-bit I/P conversion circuit eliminates jaggies

Lavish functions for full control

- Motor-driven Lens Shift*
 - *Function adjusts image in four directions (up/down/left/right) without touching the projector.
- LAN Control
 - Connect a computer with ProjectorView™ installed to a LAN for wired operation and monitoring of several different projectors.

2500:1 Contrast Ratio

The XD3500U boasts a high contrast ratio of 2500:1, delivering rich and vibrant colours from either video or data sources.