



**MITSUBISHI  
ELECTRIC**

MULTIMEDIA DATA / VIDEO PROJECTORS

*Changes for the Better*



Large-screen projectors that provide an experience you'll never forget!

~ Image Quality and Functionality Unlike Any Other ~

*New*  
**WD3300U  
XD3200U**



# The New WD3300U and XD3200U Comfort Redefined

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.

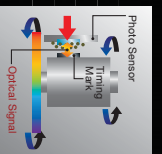
New **WD3300U** **XD3200U**

4000 lm WXGA  
4500 lm XGA

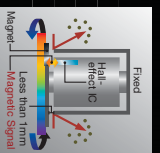
## Operation simplified with Mitsubishi Electric's user-friendly design

### Low Maintenance & High Durability

**New Color Wheel System**  
Dust can easily accumulate on the color wheel sensors of previous models. But the sensor is now mounted in the rotary shaft motor casing, which is almost fully enclosed, making it much less likely for dust to collect on the sensor.



Dust accumulates on the sensor and thick part of the timing mark blocking the path of the light when using the light signal method. This interferes with the color distinction process, causing poor color alignment and breaking.



**New color wheel illustration**  
The base spins together with the color wheel. The wind pressure created by the centrifugal force keeps dust from entering through the gap (less than 1mm or 1/25th). The magnet is embedded in the base, so there is no protruding part for dust to accumulate on. Even if dust does accumulate, since a magnetic signal method is used, the signal passes through the dust without any problem of color distinction.

**Filter free**  
DL<sup>PTM</sup> projectors are structurally airtight, therefore an intake filter is unneeded, eliminating filter changing and lowering costs.

### Long 4000hr Lamp Life

The WD3300U/XD3200U has a lamp temperature controlling system that enables a lamp life of up to 4000hours.<sup>(1)</sup> Long-life lamps make dramatic reductions in overall cost of ownership by reducing the frequency of lamp replacement.

Lamp Replacement Frequency<sup>(2)</sup>

2,000hr Lamp	Original Lamp	1st replacement	Reduced Lamp Replacements
4,000hr Lamp	Original Lamp	2,000 Hours	4,000 Hours

(1) When lamp is used in "Low" mode. Maximum life in "Standard" mode is 2000hr.  
(2) 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 & Center Lens Designs

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 center-set lens design makes set-up easy, since the projector lens need only to be aligned with the center of the screen.

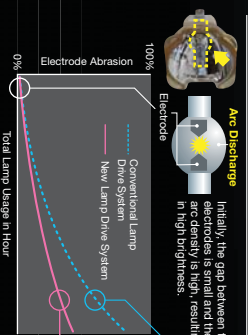


### Quick Lens Change

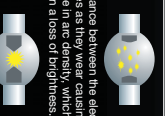
The top cover has a cut-out around the lens. This advanced feature enables the lens to be changed without removing the entire top cover.



### 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 loss of brightness. These projectors incorporate an optical design that optimizes lamp operation to realize a lamp drive that makes it possible to stabilize the shape of the electrode during long-term use. As a result, the maximum lamp service life is obtained for every projection mode and loss in projection brightness is extended over a longer period of time.



Adoption of a new lamp drive system brings a longer service life and enabling it to retain projection brightness over a longer period of time.





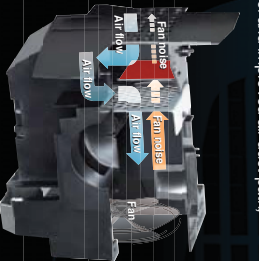
## Stunning Beautiful Colors & High-quality Design

### User Friendly

#### Ultra - quiet 26dBa Operation

The fan noise from a projector can be annoying during a presentation or videoconference. But with the adoption of a hermetically sealed color wheel and improved air duct path, that's a thing of the past. The WD3300U and XD3200U have a significantly low fan noise of only 26dBa (lamp on in Low mode). As a result, audiences can enjoy presentations and conferences with the distraction of projector noise.

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



#### User Logo Projection

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



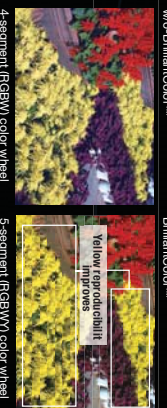
#### Stand-by Power Consumption Under 1W\*

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\*.

\*Last fan 2W in Normal mode (network turned on).

### Brilliant Color™ and Mitsubishi Electric Engineering Yield Superior Color Performance

Brilliant Color™, one of the latest innovations from Texas Instruments, produces amazingly rich and vibrant colors. We developed a 5-segment color wheel (R, G, B, W and Y), and combining it with Brilliant Color™ and selective lamp-powered modulation techniques, the WD3300U and XD3200U intelligently reproduce colors that improve the intensity and vibrancy across the entire screen.



#### Super - bright 4500lm

The XD3200U delivers super - bright 4500lm images. It's the ideal brightness for giving presentations in large meeting rooms and conference halls.



#### Lamp Power Modulation

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



High Power	R	B	G	Y
Normal Power	R	B	W	G
Low Power	R	B	W	Y

Lamp Power (Basic concept)

#### Auto Mode (for color reproduction)

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



High Power	R	B	G	Y
Normal Power	R	B	W	G
Low Power	R	B	W	Y

Lamp Power (Basic concept)

#### Precise Gradation Reproduction

- Well-established DDP3020 DL-PTM data processor
- High-speed LVDS (low-voltage differential signal)
- 10-bit I/P conversion circuit eliminates jagged

#### Lavish functions to fully savor the job

- Motor-driven Lens Shift\* & High Contrast of 2500:1\*  
Function adjusts image in four directions (up/down/left/right)  
\*XD3200U only, WD3300U Contrast is 2000 : 1.
- LAN Control  
Connect a computer with ProjectorView™ installed to a LAN for wired operation and monitoring of several different projectors.

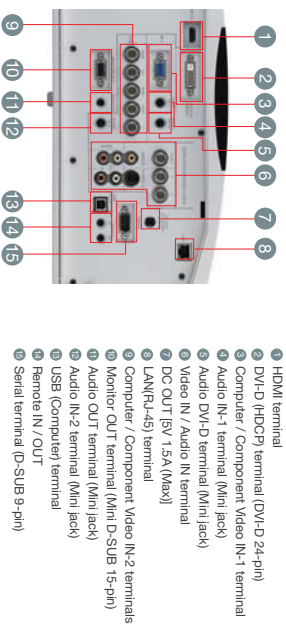


# WD3300U/XD3200U

WXGA / XGA PROJECTOR

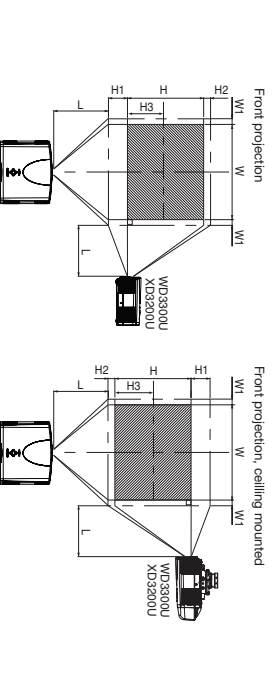
 <small>TEXAS INSTRUMENTS</small>		 <small>Color Enhancer</small>		 <small>sRGB</small>		 <small>30Vc</small>		 <small>Ph-P</small>		 <small>User Logo Projection</small>		 <small>Remote Control (R-145)</small>		 <small>LAN (RJ-45)</small>		 <small>DVI</small>		 <small>10W Speaker</small>		 <small>Motorized Lens Shift</small>	
 <small>Password Lock</small>		 <small>Instant Shutdown</small>		 <small>Center Lens</small>		 <small>Longlife Lamp</small>		 <small>LowSpen/Power</small>		 <small>Top/Slide Lending Lamp (R-145)</small>		 <small>HDMI</small>		 <small>Low Fan Noise</small>		 <small>User Friendly</small>		 <small>Presentation</small>		 <small>* Only XD3200U</small>	

## Input and Output Terminals



## Screen Size and Projection Distance / Optional Lenses

Refer to the following table to determine the screen size.



Screen size (WXGA 16:10)				Distance from screen(L)				Movable V position from Default position				Movable H position from Default position			
Diagonal Size	Width	Height	Depth	Max. Zoom	Min. Zoom	Down (H1)	Up (H2)	Down (H1)	Up (H2)	Left (W1)	Right (W1)	Down (W1)	Up (W1)	Left (W1)	Right (W1)
40	102	34	86	21	54	2	6	58	1.5	83	2.0	12-0-+2	30-0-+6	3-0-+3	9-0-+9
60	152	51	129	32	81	3	9	88	2.2	121	3.1	18-0-+3	46-0-+9	5-0-+5	13-0-+13
80	203	68	172	42	108	5	12	118	3.0	162	4.1	24-0-+4	61-0-+14	7-0-+7	17-0-+17
100	254	86	215	53	135	6	15	148	3.8	203	5.2	30-0-+6	76-0-+19	9-0-+9	22-0-+22
150	381	127	323	79	202	9	22	224	5.7	306	7.8	45-0-+9	114-0-+21	13-0-+13	33-0-+33
200	508	170	431	108	289	11	29	299	7.6	408	10.4	60-0-+11	152-0-+29	17-0-+17	44-0-+44
250	635	212	538	132	337	14	38	375	9.5	515	13.2	75-0-+14	191-0-+38	21-0-+21	55-0-+55
300	762	254	646	159	404	17	44	450	11.4	614	16.1	90-0-+17	229-0-+46	26-0-+26	66-0-+66

Screen size (XGA 4:3)				Distance from screen(L)				Movable V position from Default position				Movable H position from Default position			
Diagonal size	Width	Height	Depth	Max. Zoom	Min. Zoom	Down (H1)	Up (H2)	Down (H1)	Up (H2)	Left (W1)	Right (W1)	Down (W1)	Up (W1)	Left (W1)	Right (W1)
40	102	32	81	24	61	0	0	82	2.1	112	2.8	18-0-+3	46-0-+9	5-0-+5	12-0-+12
60	152	48	122	36	91	0	0	110	2.8	150	4.3	24-0-+4	61-0-+14	6-0-+6	16-0-+16
80	203	64	163	48	122	0	0	138	3.5	189	5.8	30-0-+6	76-0-+19	8-0-+8	20-0-+20
100	254	80	203	60	152	0	0	208	5.3	264	7.2	45-0-+9	114-0-+21	12-0-+12	30-0-+30
150	381	120	305	90	229	0	0	298	7.1	360	9.7	60-0-+11	152-0-+29	16-0-+16	41-0-+41
200	508	160	406	120	305	0	0	398	8.9	468	12.2	75-0-+14	191-0-+38	20-0-+20	51-0-+51
250	635	200	508	150	381	0	0	498	10.8	576	15.6	90-0-+17	229-0-+46	24-0-+24	61-0-+61
300	762	240	610	180	457	0	0	419	10.8	672	19.0	105-0-+21	267-0-+54	28-0-+28	71-0-+71

Specifications		Model	
Display Technology	0.65" 1-Chip DMD	WD3300U	XD3200U
Resolution	1280x800 (Total 1,024,000 pixels)		0.7" 1-Chip DMD 1024x768 (Total 786,432 pixels)
Brightness	4000lm		4500lm
Contrast	2300 : 1 (on / off)		2500 : 1 (on / off)
Picture Size			40" - 300"
Throw Ratio			1.7 ~ 2.4
Source Lamp		264W (Shut-off Time 4000h) with Low Mode 330W (Shut-off Time 2000h) with Standard Mode	640x480 ~ 1600x1200
Computer Compatibility		True : 1280x800, Sync on Green available	640x480 ~ 1600x1200 Sync on Green available
Video Compatibility		NTSC / NTSC4.43 / PAL (including PAL-M, N / SECAM / PAL-60, Component Video (480i/625i/p), 576i/p (625i/p), 720p (750p 50/60Hz), 1080i (1125i 50/60Hz), 1080p (1125p 50/60Hz), SCART (RGB+1V sync)	
Pd Input Terminals		mini D-sub 15pinx1, 5 BNCx1, DVI-D (with HCOOP)x1 Audio : stereo mini jack(ø3.5mm)x3	
Video Input Terminals		Video : HDMI(ver.1.2)x1, FCAx1 or BNCx1, S-Video(4pin)x1 or S-Video Y/C(BNC) Audio : RCA L, R)x2	
Output Terminals		RGB: mini D-sub 15pinx1, DC Out: SV 1.5A (MAX) Audio: stereo mini jack (ø3.5mm)x1	
Communication Terminals		LAN (RJ-45)x1, RS-232C-D-sub 9pinx1, USBx1 (Mouse control), Wired remote in : stereo mini jack (ø3.5mm)x1 Wired remote out : stereo mini jack (ø3.5mm)x1	
Audio Speaker		10W mono	
Fan Noise		26dB(A) (Lamp Low Mode)	
Dimensions(WxHxD)		450x187x373mm/17.7x7.4x14.7 in (excluding terminal cover)	
Weight		10.3kg / 22.7lbs (excluding detachable terminal cover)	
Power Supply		AC100 - 240V, 50/60Hz	
Option		Lamp: VLT-XD3200LP	
		Lens: OL-XD2000SZ, OL-XD2000LZ, OL-XD2000TZ, OL-XD2000TF, OL-XD2000FR	

\*Compliance with ISO21118-2005  
 \*\*All brand names and product names are trademarks, registered trademarks or trade names of their respective holders.  
 \*DL-P™ (Digital Light Processing) and BrilliantColor™ are trademarks of Texas Instruments.

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



## WD3300U + Optional Lenses

Screen size (WXGA 16:10)				OL-XD2000SZ				OL-XD2000LZ				OL-XD2000TZ				OL-XD2000FR							
Diagonal Size	Width	Height	Depth	Default projected image (H)	Distance from screen(L)	Min. Zoom	Max. Zoom	Default projected image (H)	Distance from screen(L)	Min. Zoom	Max. Zoom	Default projected image (H)	Distance from screen(L)	Min. Zoom	Max. Zoom	Default projected image (H)	Distance from screen(L)	Min. Zoom	Max. Zoom				
40	102	34	86	21	54	2	6	44	1.1	92	1.6	-	95	2.4	-	159	4.0	41	27	0.7			
60	152	51	129	32	81	3	9	68	1.7	134	2.4	113	2.9	146	3.7	147	3.7	241	6.1	16	40	1.0	
80	203	68	172	42	108	5	12	92	2.3	177	3.2	153	3.9	198	5.0	197	5.0	323	8.2	21	54	1.4	
100	254	86	215	53	135	6	15	116	3.0	160	4.1	193	4.9	246	6.2	248	6.3	406	10.3	28	67	69	1.8
150	381	127	323	79	202	9	22	176	4.5	241	6.1	294	7.4	374	9.4	374	9.5	611	15.5	40	101	104	2.6
200	508	170	431	106	289	11	29	236	6.0	323	8.2	394	10.0	497	12.6	500	12.7	816	20.7	-	-	-	-
250	635	212	538	132	337	14	38	296	7.5	-	-	494	12.5	623	15.8	627	15.9	1,021	26.9	-	-	-	-
300	762	254	646	159	404	17	44	358	9.0	-	-	594	15.1	748	19.0	753	19.1	1,271	31.2	-	-	-	-

## XD3200U + Optional Lenses

Screen size (XGA 4:3)				OL-XD2000SZ				OL-XD2000LZ				OL-XD2000TZ				OL-XD2000FR							
Diagonal size	Width	Height	Depth	Default projected image (H)	Distance from screen(L)	Min. Zoom	Max. Zoom	Default projected image (H)	Distance from screen(L)	Min. Zoom	Max. Zoom	Default projected image (H)	Distance from screen(L)	Min. Zoom	Max. Zoom	Default projected image (H)	Distance from screen(L)	Min. Zoom	Max. Zoom				
40	102	32	81	24	61	0	0	41	1.0	57	1.5	-	88	2.2	-	148	3.8	12	30	0.6			
60	152	48	122	36	91	0	0	63	1.6	88	2.2	105	2.7	135	3.4	136	3.5	224	5.7	18	46	0.8	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	109	2.7	148	3.8	180	4.6	228	5.8	229	5.8	377	9.8	30	78	64	1.8
150	381	120	305	90	229	0	0	164	4.2	224	5.7	273	6.8	345	8.9	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	306	9.3	402	11.7	403	11.8	759	19.3	-	-	-	-
250	635	200	508	150	381	0	0	275	7.0	-	-	459	11.7	579	14.7	583	14.8	951	24.1	-	-	-	-
300	762	240	610	180	457	0	0	331	8.4	-	-	553	14.0	698	17.7	701	17.8	1,142	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.

HEAD OFFICE: TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN

To find out more about the WD3300U / XD3200U and our other projectors, visit us at

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