

MITSUBISHI ELECTRIC

Display Solutions

XD500U-ST SHORT THROW

crystal clear
display solutions



Get Your Message Across with more Clarity and Impact
The Projector for today's evolving classroom

Functional Performance at its Best

- Ultra-short Throw Projection
- 60" diagonal screen from 33" away
- 2500:1 Contrast ratio
- XGA resolution (WXGA compressed available)
- Splash screen and wall screen support
- Audio and video inputs for computer and video sources
- Time saving shut down feature

Easy Maintenance & Enriched Security Features

- Top-access lamp cover for easy lamp replacement
- Filter-free design
- Enhanced security features with reinforced anti-theft security bar and password protection



BrilliantColour™ Technology and Mitsubishi Electric's Engineering Yields Superior Colour Performance

BrilliantColour™ Technology is Texas Instruments' latest innovation in producing amazing rich and vibrant colours. At Mitsubishi Electric, we developed a 6-segment colour wheel that includes the colours of R,G,B,W,Y,C. Apart from the typical red, green, blue and white, we added yellow and cyan segments to display a wider colour spectrum. In addition, we coded our colour algorithms to emphasize brightness or colour modes, designed to match the environment where the XD500U-ST is used.

Together with selective lamp powered modulation techniques, the XD500U-ST with BrilliantColour™ technology acts intelligently to boost colours to improve the intensity and vibrancy of an entire display. For instance, when projecting an already-bright screen image, the lamp is programmed to provide brighter, more vivid colours. In contrast, if the image shows genuine colour reproduction, the algorithm delivers just the right colours with the appropriate radiance for maximum visual impact.

2000 ANSI LUMENS (1600 IN ECO)
3000 HOUR LAMP LIFE 2500:1 CONTRAST RATIO

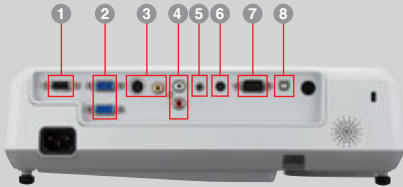
* BrilliantColour is a trademark of Texas Instruments.



Ultra-short Throw XGA **XD500U-ST**



Input and Output Terminals



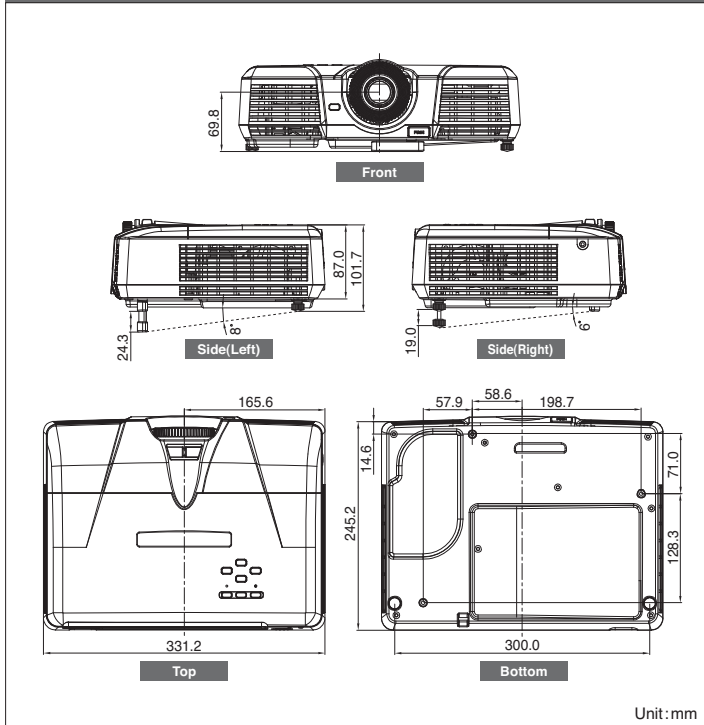
- 1 PC / Component Video output
- 2 PC / Component Video input (mini D-sub 15pin)
- 3 S-Video / RCA
- 4 Audio input [RCA jack (L/R)]
- 5 Audio input (stereo mini jack)
- 6 Audio output
- 7 Serial RS-232C
- 8 USB terminal for Page Up/Down

Specifications

Model	XD500U-ST
Display technology	0.55"1-Chip DMD
Resolution	1024 x 768 (total 786,432 pixels)
Brightness	2000lm (1600 in eco mode)
Contrast	2500:1
Picture Size	40" ~ 300"
Source lamp	230W (Shut Off Time 3000Hrs) with Low Mode, 280W (Shut Off Time 2000Hrs) with Standard Mode
Computer compatibility	640 x 480 ~ 1280 x 1024, True: 1024 x 768, Sync on green available
Video compatibility	NTSC / NTSC4.43 / PAL (including PAL-M, N) / SECAM / PAL-60 Component Video : 480i/p (525i/p), 576i/p (625i/p), 720p (750p), 1080i (1125i 60Hz), 1080i (1125i 50Hz)
Input terminals	RGB : mini D-sub15pin x 2, Video : RCA x 1 + S-video x 1 Audio : stereo mini jack (φ3.5mm) x 1, RCA jack (L/R) x 1
Output terminals	RGB : mini D-sub15pin x 1, Audio : stereo mini jack (φ3.5mm) x 1
Communication terminals	RS-232C (D-sub 9pin) x 1, USB terminal for Page Up/Down x 1
Audio speaker	2W mono
Dimensions (WxHxD)	332 x 102 x 250 mm / 13.1 x 4.0 x 9.8 inch (excluding height adjustment)
Weight	3.3kg / 7.3lbs
Power supply	AC100-240V, 50/60Hz
Optional lamp	VLT-XD520LP

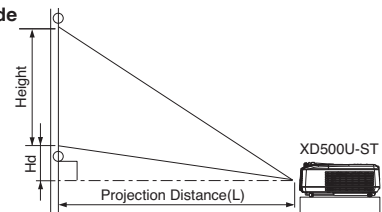
*All brand names and product names are trademarks, registered trademarks or trade names of their respective holders.

Dimensions



Screen size and Projection distance

As seen from the side



Screen size chart

		Screen (4:3 aspect ratio)				Distance from screen (L)		Height projected image (Hd)	
Diagonal size		Width (W)		Height (H)					
inch	cm	inch	cm	inch	cm	inch	cm	inch	cm
40	102	32	81	24	61	22	55	1.8	5
60	152	48	122	36	91	33	83	2.7	7
80	203	64	163	48	122	44	112	3.6	9
100	254	80	203	60	152	55	140	4.5	11
150	381	120	305	90	229	83	212	6.8	17
200	508	160	406	120	305	111	283	9.0	23
250	635	200	508	150	381	139	354	11.3	29
300	762	240	610	180	457	167	425	13.5	34

		Screen (16:9 aspect ratio)				Distance from screen (L)		Height projected image (Hd)	
Diagonal size		Width (W)		Height (H)					
inch	cm	inch	cm	inch	cm	inch	cm	inch	cm
40	102	35	89	20	50	23	60	5.2	13
60	152	52	133	29	75	36	91	7.9	20
80	203	70	177	39	100	48	122	10.5	27
100	254	87	221	49	125	60	153	13.1	33
150	381	131	332	74	187	91	230	19.6	50
200	508	174	443	98	249	121	308	26.2	66
250	635	218	553	123	311	152	386	32.7	83
300	762	261	664	147	374	182	463	39.3	100

The above numbers are approximate, and may be slightly different from the actual measurements.



New publication, effective August 2008 Specifications subject to change without notice.