

3 Major Functions to Evolve Teaching

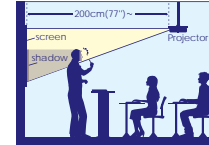
1. Functional Performance at Its Best

Ultra-short Throw Projection

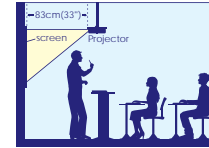
The issue of presenting in environments with limited projection space can now be eliminated with the new XD221U-ST. This native XGA projector is equipped with an ultra-powerful short-throw lens that can project an amazing 60-inch diagonal image from a distance of just 33 inches from the screen. With such an amazingly short projection distance, any concern about presenters casting a shadow on the screen is now eliminated.

Projected Image Comparison (60-inch screen)

Conventional Mitsubishi Electric model
[Projection distance of 200cm+ (77'+)]



XD221U-ST



Due to a long projection distance, the instructor is forced to stand directly between the projector and the screen. When facing the students, the projector light enters the instructor's field of vision. This can blind the instructor, whose shadow may also be cast on the screen.

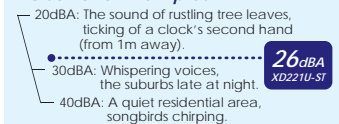
With the projector installed close to the screen, the projection light does not get in the instructor's eyes even when directly facing the students. This proximity also keeps the instructor's shadow off the presentation contents.

2. Quiet Fan Noise

Silent 26dBA Operation (in Low mode)

Like giving a presentation in a suburban residential area in the middle of the night! That's the operating sound level promised by the XD221U-ST.

Noise Level Examples

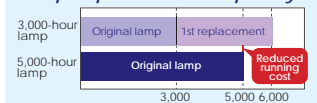


3. Low Operating Cost

Standby Mode Under 1W*¹, 5,000hr Long-life Lamp*², Filter-free

Numerous environmentally friendly initiatives have been integrated in the design and manufacture of the XD221U-ST.

Lamp Replacement Frequency*³



(*1): 3W in Normal mode (network turned on).

(*2): When used in the Low lamp mode. Maximum lamp life in Standard mode use is 3,000 hours.

(*3): Lamp life refers to the average time required for brightness to be reduced by half, and not the time specified in the warranty. Service life may vary widely depending on the environment and conditions, and whether or not cleaning and other maintenance procedures are followed.

The perfect projector for education

NEW Ultra-short Throw Projector



XD221U-ST(D)

Make Lessons Easy
to Understand and
Simple to Teach...
Ultra-short Throw Lens



Professional Specifications and High Cost Performance

10W Speaker + Audio Mix *Excellent Sound Projection*

A high-volume, 10W speaker is built-in, eliminating the need for an external speaker. By using a microphone (sold separately) the presenter's voice is reproduced loud and clear in real-time. Additionally, the "Audio Mix" feature enables the microphone's audio to lay over the sound from another input source.

3D-Ready *Immersive 3D presentations with compatible hardware*

Closed Caption (CC) Capable *Automatic Subtitle Function*

Built-in RJ-45 Port *All-in-one Web-based Management of Multiple Projectors*

Top-loading Lamp *Simple Lamp Replacement*

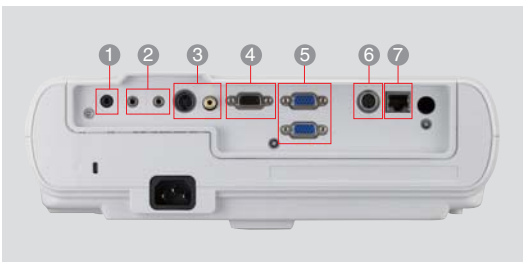


XD221U-ST(D)

Ultra-short Throw Projector

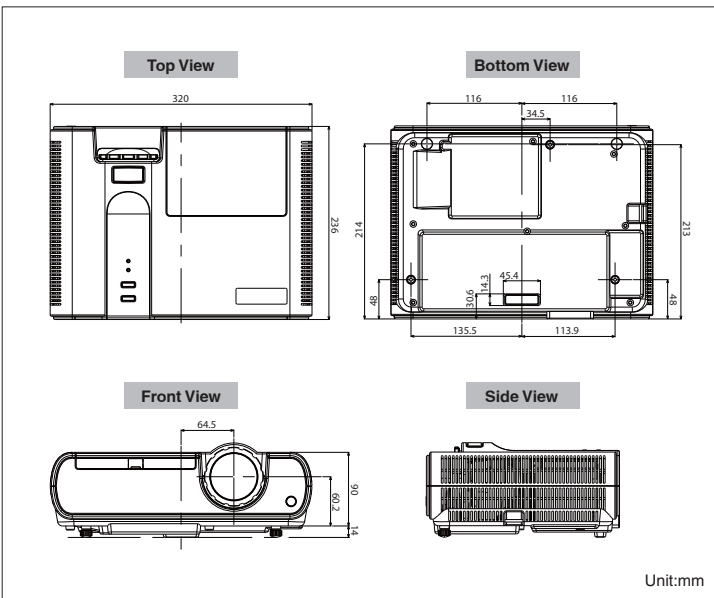
3D Ready	Brilliant Color™	Color Enhancer	Wall Screen	10W Speaker	Password Lock	Picture Performance
Long-life Lamp	Low Standby Power	Top Loading Lamp	LAN (RJ-45)	Closed Caption	Low Fan Noise	Presentation
						User Friendly

Input and Output Terminals



- 1 Audio output
- 2 Audio input
- 3 S-Video/Video
- 4 Monitor output
- 5 PC/Component Video input
- 6 Serial RS-232C
- 7 LAN (RJ-45)

Dimensions

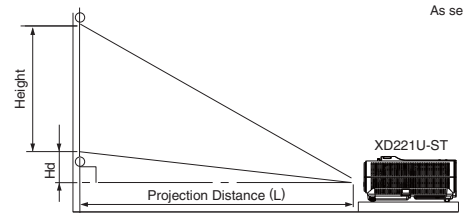


Specifications

Model	XD221U-ST(D)
Display Technology	0.55" 1-Chip DMD, 12deg. LVDS, DDP2230
Resolution	1024 x 768 (Total 786,432 pixels)
Brightness	2000lm
Contrast Ratio	2500 : 1
Projection Lens	f=7.7 mm, F=2.8
Offset Axis	7.9:-1, Hd=9" up @ 100"
Picture Size	40" - 300" Diagonal
Throw Ratio	0.7
Color Wheel	5 segment Color Wheel (R/G/B/W/Y)
Zoom & Focus	Manual focus & zoom lens
Estimated Lamp Life	5000 hours (Low Mode), 3000 hours (Standard Mode)*
PC Compatibility	Compressed: 1280 x 1024, Expanded: 640 x 480 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), 1080i (1125i 60Hz), 1080i (1125i 50Hz)
Input Terminals	RGB: mini D-sub 15pin x 2 RCA x 1 + S-VIDEO x 1 Audio: Stereo mini jack (ø3.5mm) x 2
Output Terminals	RGB: mini D-sub 15pin x 1 Audio: Stereo mini jack (ø3.5mm) x 1
Communication Terminal	RS-232C: mini DIN 8pin x 1, LAN (RJ-45) x 1
Audio Speaker	10W Mono
Dimensions (W x H x D)	320mm x 104mm x 236mm / 12.6" x 4.1" x 9.3"
Weight	3.2kg / 7.0lbs
Power Requirements	AC 100-240V, 50/60Hz
Optional Accessories	Replacement lamp (VLT-XD221LP), Ceiling mount (PROJ-UCM-PRO2), Wall mount (PROJ-WM2), Wall Mount Arm (WM2-ARM)
Included Accessories	Soft carrying bag, Remote control (With 2 batteries), Power cable(1.8m), VGA(D-sub) cable(1.8m), User-Manual (CD-ROM), Safety manual
Warranty	3-Years of Parts/Labor, 3-Years of Express Replacement Assistance (ERA), 1-year or 500 hours lamp warranty (whichever comes first)

* Compliance with ISO21118-2005
* All brand names and product names are trademarks, registered trademarks or trade names of their respective holders.
* Lamp life specification is an estimate based on information provided by the lamp manufacturer and is not the duration of the warranty. Lamp will shut-off automatically when usage reaches the specified estimated maximum lamp hours.

Screen size and Projection distance



Screen size chart (4:3 aspect ratio)

Diagonal Size		Screen				Distance from screen (L)		Height projected image (Hd)	
inch	cm	Width (W)		Height (H)		inch	m	inch	cm
40	102	32	81	24	61	22	0.5	3.6	9
60	152	48	122	36	91	33	0.8	5.4	14
80	203	64	163	48	122	44	1.1	7.2	18
100	254	80	203	60	152	55	1.4	9.0	23
150	381	120	305	90	229	83	2.1	13.4	34
200	508	160	406	120	305	111	2.8	17.9	45
250	635	200	508	150	381	139	3.5	22.4	57
300	762	240	610	180	457	167	4.3	26.9	68

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

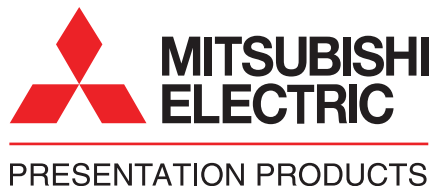
Screen size chart (16:9 aspect ratio)

Diagonal Size		Screen				Distance from screen (L)		Height projected image (Hd)	
inch	cm	Width (W)		Height (H)		inch	m	inch	cm
40	102	35	89	20	50	23	0.6	7.2	18
60	152	52	133	29	75	36	0.9	10.8	27
80	203	70	177	39	100	48	1.2	14.3	36
100	254	87	221	49	125	60	1.5	17.9	46
150	381	131	332	74	187	91	2.3	26.9	68
200	508	174	443	98	249	121	3.1	35.9	91
250	635	218	553	123	311	152	3.9	44.8	114
300	762	261	664	147	374	182	4.6	53.8	137

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