MITSUBISHI ELECTRIC

Changes for the Better

for a greener tomorrow

eco Changes

The More You Use It... The Clearer the Difference

The ideal assistant for educational environments

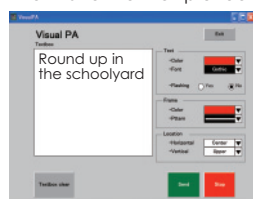**NEW** Excellent cost-performance and easy to use

XD280U/XD250U

DLP

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5 Easy-to-manage Features
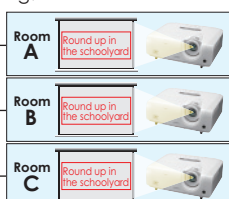
Simultaneous Message Display ▶ Visual PA

Using a control room computer equipped with projector-control software, simultaneously send messages (up to 350 characters long) in real-time to projectors connected to the LAN. Ideal for broadcasting important information to multiple rooms in the school or building.

Visual PA
Round up in the schoolyard

Control Room
IT manager inputs message and sends

via LAN

Same message is displayed in each classroom

Room A — Round up in the schoolyard
Room B — Round up in the schoolyard
Room C — Round up in the schoolyard

All-in-one Management of Multiple Projectors ▶ ProjectorView Global+
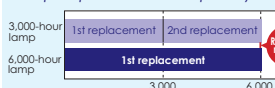
After installing ProjectorView Global+ (separately available software), the status of multiple projectors connected to a dedicated LAN in the same network can be viewed. Remote operation of the power switch (ON/OFF), image input switch and other functions is possible using the software.

Low Operating Cost ▶ Standby Mode under 1W*[1] 6,000hr*[2] Long-life Lamp, filter-free

Low operating cost realized by considering energy savings for every function. Maintenance has been reduced as well.

Lamp Replacement Frequency*[3]

3,000-hour lamp	1st replacement	2nd replacement	Reduced running cost
6,000-hour lamp	1st replacement		
	3,000	6,000	

(*1): 3W in Normal mode (network turned on).
(*2): When used at the low lamp mode. Maximum lamp life at 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. Use time may vary widely by the environment and conditions, and whether or not cleaning and other maintenance procedures are followed.

Simple Lamp Replacement ▶ Top-loading Lamp

The projection lamp is installed in the upper section of the main body. Regardless of whether sitting on a shelf or suspended from the ceiling, lamp replacement is simple and easy*, and there's never a need to move the whole projector.

* A special replacement lamp removal tool is included to prevent dropping the lamp during replacement.
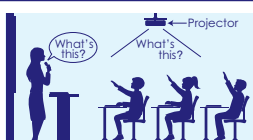
Enhanced Terminal group ▶ HDMI, Dual PC Input

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5 Easy-to-use Functions

Excellent Sound Projection ▶ 10W Speaker + Audio Mix

A high-volume, 10W speaker is built-in, eliminating the need for an external speaker. Using the "Audio Mix*" feature and wireless microphone sold separately, the presenter's voice is reproduced loud and clear in real time.

*Only compatible with stereo mini-jack.
Not compatible with RCA jack (L/R) or HDMI.

What's this? What's this? ←Projector

Automatic Subtitle Function ▶ Closed Caption (CC) Capable

A closed caption decoder comes installed as standard equipment. Words spoken are processed into subtitles that are projected onto the screen. This feature conveniently addresses the needs of language students and hearing-impaired viewers.

Vastly Improved Operability ▶ Quick Menu

For improved operation ease, the tool bar has seven main menus and one custom menu. Switching to the sub-menu allows the selection of more specific operations.

Quiet Fan Noise ▶ Silent 28dBA 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 XD280U/XD250U.

Superior Color Performance ▶ New BrilliantColor™ Adopted

Mitsubishi Electric's original built-in color wheel is incorporated for enhanced color reproduction. Clear, vivid images are reproduced from computer and video-player signals.
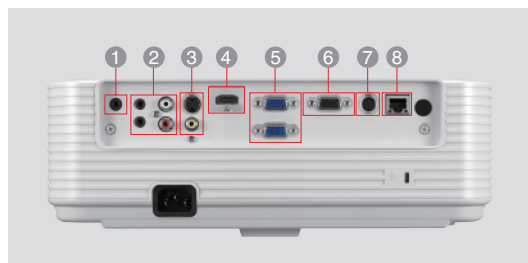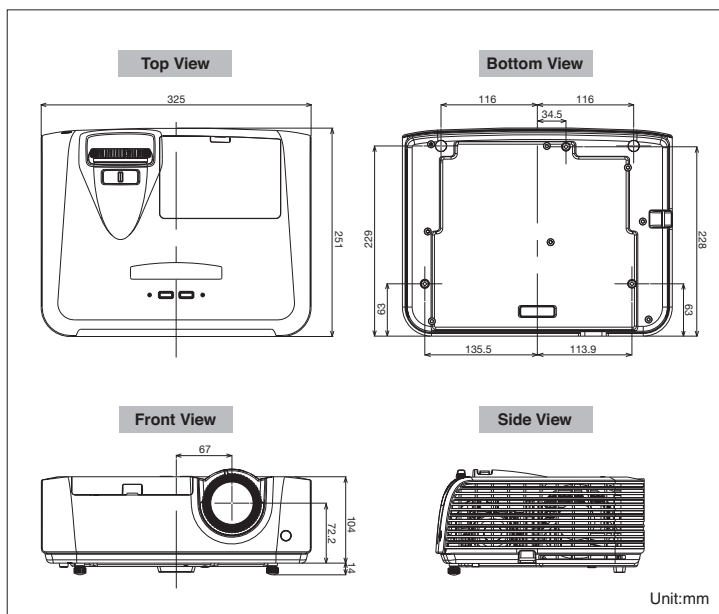
XD280U
XD250U
MOBILE XGA PROJECTOR

Brilliant Color™	Color Enhancer	Wall Screen	10W Speaker
User Logo Projection	Password Lock	Instant Shutdown	Long-life Lamp
Low Standby Power	Top/Side Loading Lamp	LAN (RJ-45)	HDMI
Closed Caption	Low Fan Noise		

- Picture Performance
- Presentation
- User Friendly

Input and Output Terminals

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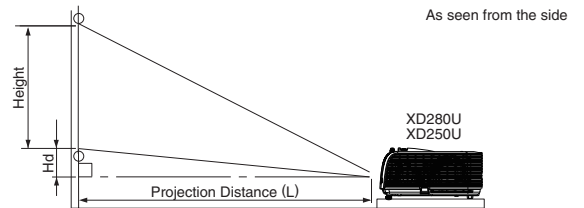6. Monitor output
7. Serial RS-232C
8. LAN (RJ-45)

Dimensions

Top View

325
251

Bottom View

116 116
34.5
229
63
135.5 113.9
228
63

Front View

67
104
72.2
14

Side View

Unit:mm

Specifications

Model	XD280U	XD250U
Display Technology	0.55" 1-Chip DMD	
Resolution	1024 x 768 (Total 786,432 pixels)	
Brightness	3000lm	2700lm
Contrast Ratio	2000 : 1	
Picture Size	40" - 300"	
Throw Ratio	1.6 - 2.0	
Source Lamp	190W (Shut-off Time 6000hr*1) with Low Mode, 230W (Shut-off Time 3000hr*3) with Standard Mode	
PC Compatibility	640 x 480 - 1280 x 1024, 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 Video ; RCA x 1, S-VIDEO x 1 Digital ; HDMI x 1 Audio ; Stereo mini jack (ø3.5mm) x 2, RCA jack (L/R) x 1	
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)	325 x 118 x 251 mm / 12.6 x 4.1 x 9.3 inch	
Weight	3.3kg / 7.3lbs	
Power Requirements	AC 100-240V, 50/60Hz	
Optional Lamp	VLT-XD280LP	

- Compliance with ISO21118-2005
- All brand names and product names are trademarks, registered trademarks or trade names of their respective holders.

Screen size and Projection distance

As seen from the side

Height
Hd
XD280U XD250U
Projection Distance (L)

Screen size chart (4:3 aspect ratio)

Screen					Distance from screen (L)				Height projected image (Hd)	
Diagonal Size		Width (W)		Height (H)		Max. Zoom		Min. Zoom		
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm
40	102	32	81	24	61	51	1.3	62	1.6	3.6	9
60	152	48	122	36	91	77	2.0	94	2.4	5.4	14
80	203	64	163	48	122	103	2.6	125	3.2	7.2	18
100	254	80	203	60	152	129	3.3	157	4.0	9.0	23
150	381	120	305	90	229	195	4.9	236	6.0	13.4	34
200	508	160	406	120	305	260	6.6	315	8.0	17.9	45
250	635	200	508	150	381	326	8.3	394	10.0	22.4	57
300	762	240	610	180	457	391	9.9	-	-	26.9	68

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

Screen size chart (16:9 aspect ratio)

Screen					Distance from screen (L)				Height projected image (Hd)	
Diagonal Size		Width (W)		Height (H)		Max. Zoom		Min. Zoom		
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm
40	102	35	89	20	50	56	1.4	68	1.7	7.2	18
60	152	52	133	29	75	84	2.1	102	2.6	10.8	27
80	203	70	177	39	100	113	2.9	137	3.5	14.3	36
100	254	87	221	49	125	141	3.6	171	4.4	17.9	46
150	381	131	332	74	187	213	5.4	258	6.5	26.9	68
200	508	174	443	98	249	284	7.2	344	8.7	35.9	91
250	635	218	553	123	311	356	9.0	430	10.9	44.8	114
300	762	261	664	147	374	427	10.8	-	-	53.8	137

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