MITSUBISHI ELECTRIC

MULTIMEDIA DATA/VIDEO PROJECTORS

3D-Ready Technology

Alluring 3D Imagery

Perfect for higher education applications, images are rendered in stunning 3D—adding a new dimension to viewing scientific, architectural, and engineering imagery.

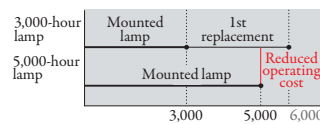# *Ecological & Cost-efficient*

Stand-by Mode under 1W*[1]

Stand-by (low) mode power consumption is less than 1W, offering increased energy savings and further contributing to environmental preservation.

*[1] Stand-by mode with network turned off, 3W in normal mode with network turned on.

Long 5,000hr*[2] Lamp Life

By increasing the estimated lamp life, we've added the advantages of reduced maintenance and operating costs.

■**Lamp Replacement Frequency*[3]**

3,000-hour lamp	Mounted lamp	1st replacement
5,000-hour lamp	Mounted lamp	Reduced operating cost
	3,000	5,000 6,000

*[2] When used in 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. Lamp service life may vary widely depending on the environment and conditions, and whether or not cleaning and other maintenance procedures are followed.

Filter-free

DLP™ projectors are semi-sealed, eliminating the need for an intake filter under normal conditions and lowering costs.

Clear, Smooth Communication

High Brightness 4500lm

NEW *XD600U*

Exceptionally Quiet

Silent 29dBA Operation (in low mode)

With the quiet operating level of the XD600U, presenters no longer need to compete with a loud fan for attention from the audience..
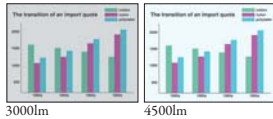
DLP — PICTURE BY DLP TEXAS INSTRUMENTS

DLP 3D READY

NEW

MOBILE XGA PROJECTOR

XD600U

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

Other Special Features

■High brightness 4500lm and high contrast 2000:1

A high brightness and a high contrast level perfect for presentations in large meeting rooms and conference halls.

3000lm   4500lm

■High-power projection – Distance increased 1.5x

The XD600U is equipped with a specially calibrated lens for high-power projection. Projection distances from 68" to 102" are possible using a 60-inch screen, and brilliant, crystal-clear images are assured even when projection distance is short.
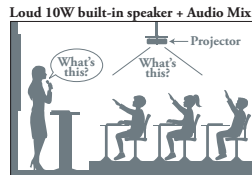
■Top-loading lamp for easier maintenance

The projection lamp is installed in the upper section of the main body. 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 lamp replacement tool is included to prevent the lamp from being dropped during replacement.

■Loud 10W built-in speaker

A high-volume, 10W speaker is built-in —eliminating the need for an external speaker.

Loud 10W built-in speaker + Audio Mix
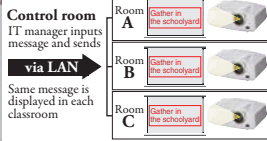
← Projector
What's this?   What's this?

■Microphone capability with mixing input audio source

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.

■Visual PA broadcasting of various written messages

Using a control room computer equipped with projector-control software, administrators can 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 schools or office buildings

Visual PA
Gather in the schoolyard

Control room
IT manager inputs message and sends

via LAN

Same message is displayed in each classroom

Room A — Gather in the schoolyard
Room B — Gather in the schoolyard
Room C — Gather in the schoolyard
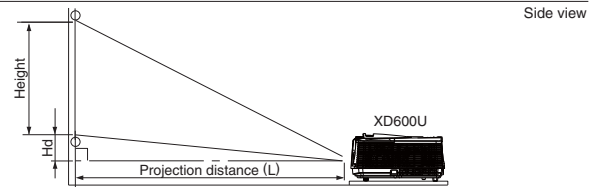
■3D READY – Enjoy the future today

Experience the impact and allure of 3D images. The 3D video content must be in field sequential format and special electronic shutter glasses are required.

Specifications

Model	XD600U
Display technology	0.7" 1-chip DMD, 12deg.LVDS, DDP2230
Resolution	1024 x 768 (total 786,432 pixels)
Brightness	4500lm
Contrast ratio	2000 : 1
Color wheel	5-segment (R/G/B/W/Y)
Picture size	40" - 300"
Throw ratio	1.4 - 2.1
Zoom & focus	Manual focus & zoom lens (zoom ratio 1.5:1)
Scanning rate	[H] 15-80kHz, [V] 50-85Hz, [Dot clock] max.110 MHz
Estimated lamp life	5000hr* (in low mode) 3000hr* (in standard mode)
PC compatibility	Compressed: 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)	13.6" x 5.1" x 10.6"
Weight	7.9lbs
Power requirements	AC 100-240V, 50/60Hz
Supplied accessories	Soft carrying bag, Remote control (w/ 2 batteries), Power cable(1.8m), VGA(D-sub) cable(1.8m), Lens Cap, Lamp replacement tool
Optional accessories	Replacement lamp (VLT-XD600LP), Ceiling mount (PROJ-UCM-PRO2), Replacement remote (XD250REM)
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.
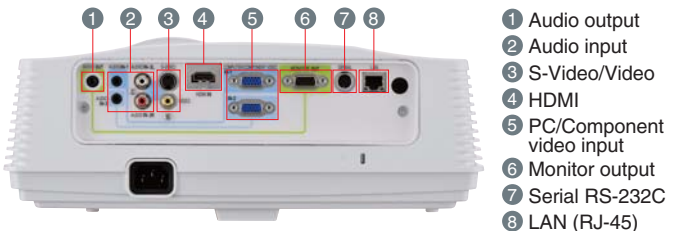
Screen Size and Projection Distance

Side view

Height
Hd
Projection distance (L)
XD600U

Screen size chart (4:3 aspect ratio)

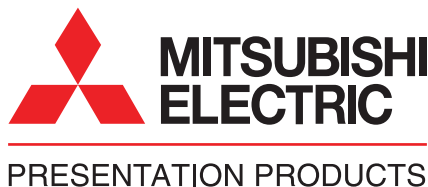| Screen						Distance from screen (L)				Height projected image (Hd)	
Diagonal size		Width (W)		Height (H)		Shortest (Wide)		Longest (Tele)			
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm
40	102	32	81	24	61	45	1.1	67	1.7	3.6	9
60	152	48	122	36	91	68	1.7	102	2.6	5.4	14
80	203	64	163	48	122	91	2.3	137	3.5	7.2	18
100	254	80	203	60	152	115	2.9	171	4.3	9.0	23
150	381	120	305	90	229	173	4.4	258	6.5	13.5	34
200	508	160	406	120	305	231	5.9	344	8.7	18.0	46
250	635	200	508	150	381	289	7.3	431	10.9	22.5	57
300	762	240	610	180	457	348	8.8	517	13.1	27.0	69

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

Input and Output Terminals

❶ ❷ ❸ ❹ ❺ ❻ ❼ ❽

❶ Audio output
❷ Audio input
❸ S-Video/Video
❹ HDMI
❺ PC/Component video input
❻ Monitor output
❼ Serial RS-232C
❽ LAN (RJ-45)

LITXD600U

New publication, effective September 2009. Specifications subject to change without notice.