XD400U/XD450U/XD480U

HIGHER BRIGHTNESS, LONGER LAMP LIFE

THE PREMIER CHOICE FOR PROFESSIONAL BUSINESS PRESENTERS

MITSUBISHI ELECTRIC

PRESENTATION PRODUCTS
REVOLUTIONIZINGCOLOR™

Mitsubishi projectors offer a colorful solution for a wide range of business environments.

Up To 3000 ANSI Lumens

2200:1 Contrast Ratio

6.5 Pounds

Horizontal and Vertical Digital Keystone Adjustment

XGA (1024 x 768 pixels) resolution

Universal Learning Remote

30 dBA Low Noise

Mitsubishi's latest generation of high-performance cross-functional ColorView™ DLP™ projectors are represented by models XD400U, XD450U and XD480U. With a new chassis design, increased brightness, better video, and longer lamp life, Mitsubishi's new projector series offers long-term performance and value.

■ Exclusive, award-winning ColorView Natural Color Matrix for rich, vivid colors

■ sRGB color profile technology ensures standard, uniform color reproduction regardless of the type of display used

■ Mitsubishi's proprietary CineView™ extended definition video processing technology for smoother, artifact-free video performance

■ Picture-In-Picture with smooth video playback on computer background

■ Three-year parts and labor warranty and 90-day warranty on the lamp (both warranties available in U.S. and Canada), toll-free technical support, plus a three-year Express Replacement Assistance (ERA) program that guarantees free replacement product shipped overnight for next business day delivery when and where available

Designed for
Microsoft
Windows NT
Windows 98

Mac

ColorView NATURAL COLOR MATRIX™

sRGB

PICTURE BY DLP A TEXAS INSTRUMENTS TECHNOLOGY

3 YEAR WARRANTY

E.R.A.

ISO 9001 QUALITY ASSURANCE

XD400U/XD450U/XD480U

COLORVIEW™ DLP™ PROJECTORS

SPECIFICATIONS

MITSUBISHI ELECTRIC

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UNIVERSAL LEARNING REMOTE

To further improve operating ease, the Universal Learning Remote can be programmed to control DVD players and video recorders connected to the projector.

HORIZONTAL AND VERTICAL DIGITAL KEYSTONE CORRECTION

Absolutely essential for portable projectors, Digital Keystone Correction reduces image distortion by allowing for both horizontal and vertical correction to create a more natural-looking picture even when it is difficult to set up the unit perfectly perpendicular with the screen. This important feature allows you to project at an angle without worrying about trapezoid image distortion or zigzagging.

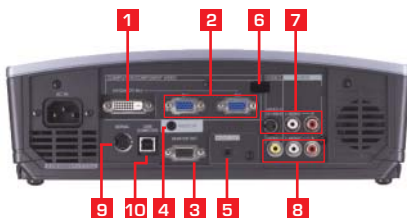Vertical distortion   No distortion   Horizontal distortion

PRECISE COLOR REPRODUCTION WITH sRGB

sRGB

Developed to ensure standard, uniform color reproduction regardless of the type of display used, sRGB color profile uses color coordinates common to all display technologies. As a result, it eliminates the hue variations that occur between different display systems and accurately matches the way colors look in real life.

Actual   sRGB   Non-sRGB

INPUT AND OUTPUT TERMINALS

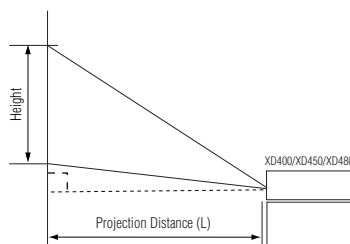1. DVI-D input (XD450/480)
2. RGB In x 2
3. RGB Out x 1
4. Audio In
5. Audio Out
6. Remote IR
7. S-Video
8. Composite Video
9. RS-232C
10. USB

SPECIFICATIONS

Display Technology	0.7" single DLP™ chip with 12° double data rate (DDR); R,G,B,W color wheel (W-63 type)
Native Resolution	XGA 1024 x 768, 600 video lines
Max. Resolution (compressed)	1280 x 1024
Brightness (ANSI Lumens)	2100 (XD400U); 2600 (XD450U); 3000 (XD480U)
Contrast Ratio	2200:1 high contrast (full-on, full-off)
Projection Lens	F = 2.4 ~ 2.6 100" @ 3.3 m (wide)
Lens Throw Ratio	1.63 ~ 1.97
Zoom/Focus Adjustment	Manual zoom and manual focus lens
Picture Size	40"~ 300" (100" = 3.8 m)
Lamp*	200 W, 5000 hour lamp life (XD400U); 250 W, 2000 hour lamp life/ 200 W, 5000 hour lamp life low mode (XD450U and XD480U)
Computer Compatibility	VGA ~ SXGA 640 x 480 ~ 1024 x 768, compressed 1280 x 1024, Sync on green available
Video Compatibility	NTSC/NTSC 4.43/PAL (including PAL-M, N)/SECAM/PAL-60/DVD (component) 480P (525i, 525P) HDTV-ready (1080i, 720P)
Input Terminals	RGB: mini D-sub 15 pin x 2, Audio: stereo mini jack x 1 (3.5 mm), (DVI-D, HDCP compliant (XD450/XD480 only), Video: RCA x 1 = S video x 1, Audio: stereo mini jack x2 (3.5 mm)
Output Terminals	RGB: mini D-sub 15, Audio: stereo mini jack (3.5 mm) x 1
Communication Terminals	RS-232C; 8-pin x 1 mouse; USB x 1
Audio Speaker	2 W Mono
Scanning Frequency	Horizontal: 15 - 100 kHz, Vertical: 50 - 120 Hz, Dot clock: max. 140 MHz
Operating Noise	30 dBA (XD400U); 35 dBA/30 dBA low mode (XD450U and XD480U)
Universal Learning Remote Control	Projector full control; USB mouse cursor control (without page up/down); laser pointer (with cancelable mode); DVD, VCR control (learning type)
Power Consumption	280 W (XD400U); 340 W (XD450U and XD480U)
Dimensions (W x H x D)	12.2 x 3.9 x 9.7" (310 x 100 x 245 mm)
Weight	6.5 lbs (2.9 kg)
Power Supply	AC 100 ~ 240V / ±10%, 50/60 Hz
Safety Approvals	CSA, CSA NRT L/C, FCC Class-B, Meets FCC standard for home use
Warranty	Three-year parts and labor warranty and 90 day warranty on lamp (both warranties available in U.S. and Canada). Also includes three-year Express Replacement Assistance program that guarantees free replacement projector shipped overnight for next business day delivery when and where available
Accessories	Standard: AC power cable, AV cable, RGB cable, RS-232C cable, USB cable, remote unit (with battery), soft carrying case, quick start guide, safety manual, and user manual CD Optional: Spare lamp (VLT-XD400LP), ceiling mount bracket (PROJ-UCM)
Special features	ColorView Natural Color Matrix; sRGB color compliance; horizontal and vertical digital keystone adjustment; zoom and focus lens; Picture-In-Picture; video line doubler; custom screen capture function; 10 language OSD; password lock; CineView™; CineRich color

For more information on the XD400U, XD450U or XD480U or any of Mitsubishi's other projectors or presentation products, contact Mitsubishi Digital Electronics today. Detailed technical specifications available upon request.

Height

Projection Distance (L)

XD400/XD450/XD480

Screen Size						Distance from screen (L)/(approx.)				Projected	
Diagonal Size		Width		Height		Maximum Zoom		Minimum Zoom		Image Height (H)	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	m
40	102	32	81	24	61	51	1.3	62	1.6	-2.8	-7.2
60	152	48	122	36	91	77	2.0	94	2.4	-4.3	-10.9
80	203	64	163	48	122	103	2.6	125	3.2	-5.7	-14.5
100	254	80	203	60	152	130	3.3	157	4.0	-7.1	-18.1
150	381	120	305	90	229	196	5.0	237	6.0	-10.7	-27.1
200	508	160	406	120	305	262	6.6	316	8.0	-14.2	-36.2
250	635	200	508	150	381	327	8.3	-	-	-17.8	-45.2
300	762	240	610	180	457	393	10.0	-	-	-21.4	-54.3

The above numbers are approximate, and may be slightly different from the actual measurements.
Max. Zoom (Wide): y=(x-1.4596)/29.888   x: Diagonal Size of Screen (inch)
Min. Zoom (Tele): y=(x-1.2084)/24.744   y: Throw distance (m)

To find the approximate distance between the projector and screen:
Multiply the width of the screen x 1.63 (min.); multiply the width of the screen x 1.97 (max.).
Refer to the chart for recommended distances in maximum zoom and minimum zoom.

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