

crystal clear  
display solutions



# INTRODUCTION

Mitsubishi Electric is a global leader in the research, manufacturing and marketing of electrical and electronic equipment used in communications, consumer electronics, industrial technology, energy and transportation.

Our comprehensive range of audio visual products utilise the very latest LCD and DLP™ technology and are built to the highest standard, providing a range of high quality crystal clear presentation solutions for business, retail, education and the home.

## Features & Benefits:

Mitsubishi's range comes equipped with a variety of features and to help you to understand some of them and the benefits they provide; please see below a glossary...

### 3-LCD



How does it work? A digital signal is processed by polysilicon panels. A light source is passed through a series of diachronic mirrors to separate the various colour wavelengths and then through the polysilicon panels where activated pixels process the light into a final compiler before projection through the lens and onto the screen. This process ensures that bright, sharp images are reproduced and break-up or rainbow effects are removed.

Applicable models: XL1550U, XL2550U, XL6500U, XL6600U, WL2650U, WL6700U, FL6900U, FL7000U, HL2750U, MH2850U

### DLP®



How does it work? A digital signal is processed by a DLP® chip. The light source is passed through a colour wheel and onto the DLP® chip, and is then reflected off the chip through the lens and onto the screen. This technology by Texas Instruments has led to the further miniaturization of projection systems and has also helped reduce maintenance issues by virtually eliminating dirt and dust particles from entering the projector.

Applicable models: XD221U, XD500U series, WD500U series, WD3300U, XD3200U

### Brilliant Colour™

Brilliant Colour™ uses up to 6 colour processors, enhancing the colour reproduced by the projector. Traditionally other technologies use three primary colours red, green and blue (R,G,B). DLP® projectors that feature Brilliant Colour™ provide users with a wider colour spectrum, for more accurate and precise image reproduction.

Applicable models: XD221U, XD500U series, WD500U series, WD3300U, XD3200U

### Full HD



The resolution of a projector or LCD monitor can determine the overall quality of the image that is displayed; the higher the resolution figure, the more fine detailed an image will be.

As an example standard definition (SD) is often quoted at 720 x 576 pixels – 576 refers to the number of lines (made up of pixels) displayed if you counted from top to bottom with 720 referring to the horizontal resolution. This all means that there are a total of 414,720 pixels displayed (720 x 576). So, a Full HD (1920 x 1080) resolution is 5 times better than standard definition!

Applicable models: FL6900U, FL7000U, LDT461V, LDT521V, LDT651L, LDT651P

### Widescreen

With the recent increase in demand and a natural move in the market for widescreen display solutions, Mitsubishi currently offers one of the industries largest choices of highly specified WXGA projectors. These models also ensure total HD compatibilities and future proofing features.

Applicable models: WD500-ST, WD510U, WL2650U, WD3300U, WL6700U, FL6900U, FL7000U

### Short Throw

Mitsubishi Electric has manufactured a range of short throw (ST) projectors that have been designed for applications that require a short throw solution. Education applications in particular require, for health and safety purposes, that projectors are placed closer to interactive whiteboards to reduce the light from the projector obstructing both the tutor and pupils view; businesses also are adopting a similar approach within meeting rooms where space limitations may be an issue.

Applicable models: XD500-ST, WD500-ST

### Colour Wheel

Traditionally projectors utilise a 4 segment colour wheel that make up the primary colours (R,G,B) with a white or clear segment as well. Mitsubishi's DLP® projectors feature either a 5 or 6 segment colour wheel that operates at a higher speed resulting in a decrease in colour break ups or any rainbow effects for continual and accurate colour reproductions.

Applicable models:

5 segment colour wheel – XD221U, WD3300U, XD3200U

6 segment colour wheel – XD500U series, WD500U series

### Colour Wall

A colour wall support function enables users to choose from a variety of surface colours (beige, blue, green, pink, blackboard or the new whiteboard setting) enabling the projector to automatically make adjustments to its output settings to create the best images in accordance to the chosen background.

Applicable models: XD221U, XD500U series, WD500U series, XL1550, XL2550, HL2750U, MH2850U

### Lamp Replacement

Mitsubishi has made it easy to replace lamps in its range of projectors. A majority of the line up feature a side or top lamp replacement system that enables users to quickly and easily replace the lamp in its installed position, when required.

Applicable models: XD221U, XD500U series, WD500U series, XL1550, XL2550U, WL2650U, WD3300U, XD3200U, HL2750U, MH2850U

### Instant Shutdown

The instant shutdown feature allows users to quickly power down the unit after a presentation without causing damage to the projector or lamp.

Applicable models: XD221U, XD500U series, WD500U series, WD3300U, XD3200U

### Diagnostic Function

Remote monitoring of the projector or LCD monitor can be achieved to alert users of any problems whilst operating or to set up pre-set automatic power on/off via LAN RJ 45.

Applicable models: XD221U, XL1550U, XL2550U, WL2650U, XL6500U, XL6600U, WD3300U, XD3200U, WL6700U, FL6900U, FL7000U, HL2750U, MH2850U, LDT521V, LDT651L, LDT651P



COST EFFECTIVE - ULTRA PORTABLE



	<b>XD221U</b>	<b>XD500U / ORANGE</b>	<b>XD500-ST / ORANGE</b>	<b>XD510U</b>	<b>XD520U</b>	<b>XD530E</b>	
<b>Resolution</b>	1024x768 (XGA)	1024x768 (XGA)	1024x768 (XGA)	1024x768 (XGA)	1024x768 (XGA)	1024x768 (XGA)	
<b>Format</b>	4:3 (16:9 available)	4:3 (16:9 available)	4:3 (16:9 available)	4:3 (16:9 available)	4:3 (16:9 available)	4:3 (16:9 available)	
<b>Brightness</b> (ANSI Lumens)	2300	2000	2000	2600	3000	3000	
<b>Weight</b>	3,2kg	2,9kg	3,3kg	2,9kg	2,9kg	3,4kg	
<b>Contrast Ratio</b>	2000:1	2000:1	2500:1	2000:1	2000:1	2000:1	
<b>Technology</b>	DMD 0.55"	DMD 0.55"	DMD 0.55"	DMD 0.55"	DMD 0.55"	DMD 0.55"	
<b>HD Ready</b>	No	No	No	No	No	No	
<b>Noise</b> (*eco mode)	26dBA*	26dBA*	34dBA*	29dBA*	29dBA*	34dBA*	
<b>Maximum Keystone Correction</b>	Vertical +15°/-15°	Vertical +15°/-15°	Vertical +15°/-15°	Vertical +15°/-15°	Vertical +15°/-15°	Vertical +15°/-15°	
<b>Frequency fh</b> (kHz)	15-80	15-80	15-80	15-80	15-80	15-80	
<b>fv</b> (Hz)	50-85	50-85	50-85	50-85	50-85	50-85	
<b>Lens</b>	Manual	Manual	Manual	Manual	Manual	Manual	
<b>Focal</b>	f=19.9-23.9mm	f=19.9-23.9mm	f=7.7mm	f=18.4-22.0mm	f=18.4-22.0mm	f=18.4-22.0mm	
<b>Throw Ratio</b>	1.76~2.15:1	1.76~2.15:1	0.7:1	1.62~1.96:1	1.62~1.96:1	1.62~1.96:1	
<b>Speakers</b>	10W mono	2W mono	2W mono	2W mono	2W mono	2W mono	
<b>Video Input</b>	RCA x 1, S-Video x 1	S-Video x1, RCA x1	S-Video x1, RCA x1	S-Video x1, RCA x1	S-Video x1, RCA x1	S-Video x1, RCA x1	
<b>Audio Input</b>	Stereo Mini Jack (3,5mm) x 2	RCA Jack (L/R) x1	RCA Jack (L/R) x1	RCA Jack (L/R) x1	RCA Jack (L/R) x1	RCA Jack (L/R) x1	
<b>RGB Input</b>	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2 / DVI-D	
<b>Audio Output</b>	Stereo mini jack (ø3.5mm) x 1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	
<b>RGB Output</b>	Mini D-Sub 15 Pin x 1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	
<b>Communication</b>	RS232C (8 pin), RJ-45 x 1	RS232C (9 Pin), USB for page up and down	RS232C (9 Pin), USB for page up and down	RS232C (9 Pin), USB for page up and down	RS232C (9 Pin), USB for page up and down	RS232C (9 Pin), USB for page up and down	
<b>DC Output 5V</b> (1.5A max)	No	No	No	No	No	No	
<b>Input RGB Input Compatibility</b>	VGA, SVGA, XGA, comp. SXGA (incl. WXGA)	VGA, SVGA, XGA, comp. SXGA (incl. WXGA)	VGA, SVGA, XGA, comp. SXGA (incl. WXGA)	VGA, SVGA, XGA, comp. SXGA (incl. WXGA)	VGA, SVGA, XGA, comp. SXGA (incl. WXGA)	VGA, SVGA, XGA, comp. SXGA (incl. WXGA)	
<b>Signals Video Input Compatibility</b>	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)	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 50/60Hz)	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 50/60Hz)	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 50/60Hz)	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 50/60Hz)	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 50/60Hz)	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 50/60Hz)
<b>Dimensions WxHxDmm</b>	320x104x236	332x102x250	332x102x250	332x102x250	332x102x250	332x102x250	
<b>Maximum Lamp Life</b> (*eco mode)	4000 hours*	3000 hours*	3000 hours*	4000 hours*	4000 hours*	3000 hours*	
<b>Standard Accessories</b>	Power Cord, RGB Cable, Remote Control, Soft Carry Case, Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, Comp. Cable, Remote Control, Lens Cap, Soft Carry Case, Manual on CD, Safety Manual	Power Cord, RGB Cable, Comp. Cable, Remote Control, Lens Cap, Soft Carry Case, Manual on CD, Safety Manual	Power Cord, RGB Cable, Composite Cable, Remote Control, Lens Cap, Soft Carry Case, Manual on CD, Safety Manual	Power Cord, RGB Cable, Composite Cable, Remote Control, Lens Cap, Soft Carry Case, Manual on CD, Safety Manual	Power Cord, RGB Cable, Composite Cable, Remote Control, Lens Cap, Soft Carry Case, Manual on CD, Safety Manual	
<b>Replacement Lamp</b>	VLT-XD221LP	VLT-XD500LP	VLT-XD520LP	VLT-XD510LP	VLT-XD520LP	VLT-XD520LP	
<b>Optional Lenses</b>	No	No	No	No	No	No	
<b>Mechanical Lens Shift</b>	No	No	No	No	No	No	
<b>Virtual Lens Shift</b>	No	No	No	No	No	No	
<b>Instant Shutdown</b>	Yes	Yes	Yes	Yes	Yes	Yes	
<b>Diagnostic Function</b>	Yes	No	No	No	No	No	
<b>Warranty</b>	3 Year Loan Replacement	3 Year Loan Replacement as standard / 3 Year deinstall/reinstall for education and public sector (UK Mainland Only) / 3 Year lamp replacement education only**	3 Year Loan Replacement as standard / 3 Year deinstall/reinstall for education and public sector (UK Mainland Only) / 3 Year lamp replacement education only**	3 Year Loan Replacement	3 Year Loan Replacement	3 Year Loan Replacement	

\*\*Education and Public Sector warranties must be registered within 30 days

PREMIUM - ULTRA PORTABLE

WIDESCREEN



SHORT  
THROW



**XL1550U / XL2550U**

**WD500-ST**

**WD510U**

**WL2650U**

**WD3000**

<b>Resolution</b>	1024x768 (XGA)	1280x800 (WXGA)	1280x800 (WXGA)	1280x800 (WXGA)	1280x800 (WXGA)
<b>Format</b>	4:3 (16:9 available)	8:5 (4:3 Zoom and Stretch Options available)	8:5 (4:3 Zoom and Stretch Options available)	8:5 (4:3 Zoom and Stretch Options available)	8:5 (4:3 Zoom and Stretch Options available)
<b>Brightness</b> (ANSI Lumens)	3100 / 4000	2100	2600	3500	4000
<b>Weight</b>	4,5kg / 4,7kg	3,4kg	3,2kg	4,7kg	10,5kg
<b>Contrast Ratio</b>	400:1 / 600:1	2500:1	2000:1	600:1	2300:1
<b>Technology</b>	3LCD 0.8"	DMD 0.65"	DMD 0.65"	3LCD 0.75"	DMD 0.65"
<b>HD Ready</b>	No	Yes	Yes	Yes	Yes
<b>Noise</b> (*eco mode)	22dBA / 29dBA*	29dBA*	29dBA*	29dBA*	26dBA*
<b>Maximum Keystone Correction</b>	Vertical +35°/-35°, Horizontal +25°/-25°	Vertical +15°/-10°	Vertical +15°/-10°	Vertical +35°/-35°, Horizontal +25°/-25°	Vertical +35°/-35°, Horizontal +25°/-25°
<b>Frequency fh</b> (kHz)	15-100	15-80	15-80	15-100	15-100
<b>fv</b> (Hz)	50-120	50-85	50-85	50-120	50-120
<b>Lens</b>	Manual	Manual	Manual	Manual	Motorized
<b>Focal</b>	f=29.0-37.0mm	f=7,7mm	f=18.4-22.0mm	f=24.0-29.0mm	f=24.5-30.0mm
<b>Throw Ratio</b>	1.78-2.28:1	0.55:1	1.27-1.55:1	1.48-1.79:1	1.74-2.28:1
<b>Speakers</b>	3W mono	2W mono	3W mono	3W mono	10W
<b>Video Input</b>	S-Video x1, RCA x1	S-Video x1, RCA x1	S-Video x1, RCA x1	S-Video x1, RCA x1	HDMI x1 / S-Video x1, RCA x1
<b>Audio Input</b>	Stereo Mini Jack x1, RCA Jack (L/R) x2	Stereo Mini Jack x1, RCA Jack (L/R) x1	Stereo Mini Jack x1, RCA Jack (L/R) x1	Stereo Mini Jack x2, RCA Jack (L/R) x2	Stereo Mini Jack x2, RCA Jack (L/R) x2
<b>RGB Input</b>	Mini D-Sub 15 Pin x2, DVI-D (HDCP) x1	Mini D-Sub 15 Pin x2, DVI-D x1	Mini D-Sub 15 Pin x2 / DVI-D x1	Mini D-Sub 15 Pin x2, DVI-D (HDCP) x1	Mini D-Sub 15 Pin x2, DVI-D (HDCP) x1, 5 BNC x1, DVI-D x1
<b>Audio Output</b>	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1	Stereo Mini Jack (3,5mm) x1
<b>RGB Output</b>	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1
<b>Communication</b>	RS232C (9 Pin), USB for Mouse, LAN (RJ-45)	RS232C (9 Pin) x1, USB for Page Up/Down,	RS232C (9 Pin) x1, USB for Page Up/Down,	RS232C (9 Pin), USB for Mouse, LAN (RJ-45)	RS232C (9 Pin), LAN (RJ-45)
<b>DC Output 5V</b> (1,5A max)	Yes	No	No	No	No
<b>Input</b>	VGA, SVGA, XGA, comp. SXGA (incl. WXGA)	VGA, SVGA, XGA, WXGA, comp. SXGA (incl. WXGA)	VGA, SVGA, XGA, WXGA, comp. SXGA (incl. WXGA)	VGA, SVGA, XGA, WXGA, comp. UXGA, SVGA (incl. WXGA)	VGA, SVGA, XGA, WXGA, comp. SXGA (incl. WXGA)
<b>Signals</b>	<b>Video Input Compatibility</b> 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 50/60Hz)	<b>Video Input Compatibility</b> 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)	<b>Video Input Compatibility</b> 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)	<b>Video Input Compatibility</b> 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 50/60Hz), 1080p(1125p 50/60Hz), SCART (RGB +1V Sync)	<b>Video Input Compatibility</b> 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 50/60Hz), 1080p(1125p 50/60Hz), SCART (RGB +1V Sync)
<b>Dimensions WxHxDmm</b>	333x113x272	332x102x250	332x102x250	333x113x272	450x187x373 (excl. lens)
<b>Maximum Lamp Life</b> (*eco mode)	5000 hours / 4000 hours*	4000 hours*	4000 hours*	4000/5000 hours*	4000 hours*
<b>Standard Accessories</b>	Power Cord, RGB Cable, AV Cable, USB Cable, RS232C Cable, Remote Control, Soft Carry Case, Manual on CD, Safety Manual	Power Cord, RGB Cable, Composite Cable, Remote Control, Lens Cap, Soft Carry Case, Manual on CD, Safety Manual	Power Cord, RGB Cable, Composite Cable, Remote Control, Lens Cap, Soft Carry Case, Manual on CD, Safety Manual	Power Cord, RGB Cable, AV Cable, RS232C Cable, USB Cable, Remote Control, Manual on CD, Safety Manual	Power Cord, RGB Cable, Composite Cable, Remote Control, Lens Cap, Soft Carry Case, Manual on CD, Safety Manual
<b>Replacement Lamp</b>	VLT-XL550LP / VLT-XL650LP	VLT-XD510LP	VLT-XD510LP	VLT-XL650P	VLT-XD510LP
<b>Optional Lenses</b>	Yes	No	No	Yes	Yes
<b>Mechanical Lens Shift</b>	No	No	No	No	No
<b>Virtual Lens Shift</b>	No	No	No	No	No
<b>Instant Shutdown</b>	No	Yes	Yes	No	No
<b>Diagnostic Function</b>	Yes	No	No	Yes	No
<b>Warranty</b>	3 Year Loan Replacement	3 Year Loan Replacement as standard / 3 Year deinstall/reinstall for education and public sector (UK Mainland Only) / 3 Year lamp replacement education only**	3 Year Loan Replacement	3 Year Loan Replacement	3 Year Loan Replacement extended for 24/7 use

WIDESCREEN INSTALLATION

INSTALLATION

SXGA+



WL300U	WL6700U	XD3200U	XL6500U / XL6600U	FL6900U / FL7000U	HL2750U / MH2850U***
1024x768 (WXGA)	1366x800 (WXGA)	1024x768 (XGA)	1024x768 (XGA)	1920x1080 (Full HD)	1400x1050 (SXGA+)
Stretch Options available)	16:10 (4:3 Zoom and Stretch Options available)	4:3 (16:9 available)	4:3 (16:9 available)	16:9 (4:3 Zoom and Stretch Options available)	5:4 (16:9 available)
3000	5000	4500	5000 / 6000	4000 / 5000	3100
10.5kg	9.8kg	10.5kg	9.8kg	9.8kg	4.9kg
1000:1	1000:1	2500:1	1000:1	1000:1	600:1
0.65"	3LCD 1.2"	DMD 0.7"	3LCD 1.3"	3LCD 1.1"	3LCD 0.8"
Yes	Yes	No	Yes	Yes	No
29dBA*	29dBA*	26dBA*	29dBA*	29dBA*	29dBA*
Horizontal +25°/-25°	Vertical +35°/-35° , Horizontal +25°/-25°	Vertical +35°/-35° , Horizontal +25°/-25°	Vertical +/-35° / Horizontal +/-25°	Vertical +13.5°/-14.5°	Vertical +35°/-35° , Horizontal +25°/-25°
15-100	15-100	15-100	15-100	15-100	15-100
50-95	50-120	50-95	50-120	50-120	50-120
Motorized	Motorized	Motorized	Motorized	Motorized	Manual
f=33.1mm	f=51.0-64.0mm	f=24.5-33.1mm	f=51.0-64.0mm	f=51.0-64.0mm	f=24.0-29.0mm
2.39:1	1.88~2.39:1	1.73~2.36:1	1.89~2.4:1	2.0~2.56:1	1.48~1.78:1
10W mono	10W mono	10W mono	10W mono	10W mono	3W mono
S-Video x1 or BNC (Y,C) x1, or BNCx1	S-Video x1 or BNC (Y,C) x1, RCA x1 or BNC x1	HDMI x1, S-Video x1 or BNC (Y,C) x1, RCA x1 or BNC x1	S-Video x1 or BNC (Y,C) x1, RCA x1 or BNC x1	S-Video x1 or BNC (Y,C) x1, RCA x1 or BNC x1	S-Video x1, RCA x1
3, RCA Jack (L/R)x2	Stereo Mini Jack x2, RCA Jack (L/R)x2	Stereo Mini Jack x3, RCA Jack (L/R) x2	Stereo Mini Jack x1, RCA Jack (L/R) x2	PC Stereo Mini Jack x2, RCA Jack (L/R)x2	Stereo Mini Jack x2, RCA Jack (L/R) x2
5 BNC x1, Mini D-Sub 15 Pin x1, Mini-D (HDCP) x1	Mini D-Sub 15 Pin x1, 5 BNC x1, DVI-D (HDCP) x1	Mini D-Sub 15 Pin x1, 5 BNC x1, DVI-D (HDCP) x1	5 BNC x1, Mini D-Sub 15 Pin x1, DVI-D	Mini D-Sub 15 Pin x2, 5 BNC x1, DVI-D (HDCP) x1	Mini D-Sub 15 Pin x2, DVI-D (HDCP) x1
3.5mm) x1 (variable out)	Stereo Mini Jack (3.5mm) x1	Stereo Mini Jack (3.5mm) x1 (variable out)	Stereo Mini Jack (3.5mm) x1	Stereo Mini Jack (3.5mm) x1	Stereo Mini Jack (3.5mm) x1
Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1
USB for Mouse, Wired remote	RS232C (9 Pin), USB for Mouse, LAN (RJ-45), Wired remote	RS232C (9 Pin), USB for Mouse, LAN (RJ-45), Wired remote	RS232C (8 Pin) x2, USB for Mouse, Wired Remote / RJ-45	RS232C (9 Pin), USB for Mouse, LAN (RJ-45), Wired remote	RS232C (9 Pin), USB for Mouse, LAN (RJ-45)
Yes	No	Yes	No	No	No
VXGA, comp. SXGA (WXGA)	VGA, SVGA, XGA, WXGA, comp. UXGA (incl. WXGA)	VGA, SVGA, XGA, comp. SXGA (incl. WXGA)	VGA, SVGA, XGA, comp. SXGA, UXGA (incl. WXGA)	VGA, SVGA, XGA, SXGA, UXGA comp., Full HD (incl. WXGA)	VGA, SVGA, XGA, SXGA, SXGA+, comp. UXGA (incl. WXGA)
(Including PAL-M, N) / Component Video: 576i/p (625i/p), 576p (625p), 720p (750p), 720i (750i), 1080i (1125i 50/60Hz), 1080p (1125p 50/60Hz), SCART (RGB+1V Sync)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 480p(525p), 576i/p (625i/p), 576p(625p), 720p(750p), 720i(750i), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz), SCART (RGB+1V sync)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 480p(525p), 576i/p (625i/p), 576p(625p), 720p(750p), 720i(750i), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz), SCART (RGB +1V Sync)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 576p(625p), 720p(750p), 720i(750i), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz), SCART (RGB +1V Sync)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 576p(625p), 720p(750p), 720i(750i), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz), SCART (RGB +1V Sync)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 480p(525p), 576i/p (625i/p), 576p(625p), 720p(750p), 720i(750i), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz), SCART (RGB +1V Sync)
excl. terminal cover)	443x207x434	450x187x373 (excl. terminal cover)	443x207x434	443x207x434	333x125x272
4000 hours*	4000 hours*	4000 hours*	4000 hours*	4000 hours*	5000 hours*
Power Cord, RS232C Cable, Terminal Cover, Manual on CD, Quick Start Card	Power Cord, RGB Cable, AV Cable, RS232C Cable, Remote Control, Safety Pin x2, Terminal Cover, Spare dust filter, Manual on CD, Safety Manual	Power Cord, RGB Cable, RS232C Cable, Remote Control, Terminal Cover, Manual on CD, Safety Manual, Quick Start Card	Power Cord, RGB Cable, AV Cable, RS232C Cable, Remote Control, Safety Pin x2, Terminal Cover, Spare dust filter, Manual on CD, Safety Manual	Power Cord, RGB Cable, AV Cable, RS232C Cable, Remote Control, Safety Pin, Filter, Terminal Cover, Manual on CD, Safety Manual	Power Cord, RGB Cable, AV Cable, RS232C Cable, USB Cable, Remote Control, Manual on CD, Safety Manual
VLT-XL3200LP	VLT-XL6600LP	VLT-XD3200LP	VLT-XL6600LP	VLT-XL6600LP	VLT-XL650P
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	No
No	No	No	No	No	No
No	No	No	No	No	No
Yes	Yes	Yes	Yes	Yes	Yes
3 Year Loan Replacement	3 Year Loan Replacement	3 Year Loan Replacement extended for 24/7 usage excluding the lamp	3 Year Loan Replacement	3 Year Loan Replacement	3 Year Loan Replacement

\*\*\*The MH2850U features grey scale software to reproduce high quality, detailed X-ray images. Specifically designed for medical applications, a Clear Base and Blue Base mode is available to ensure accurate images are reproduced.

LENS OPTIONS

XL1550U / XL2550U / WL2650U / HL2750U / MH2850U

					
	(1)	(2)			
Standard Lens		Short Throw Zoom OL-XL2550SZ	Med Throw Zoom OL-XL2550MZ	Long Throw Zoom OL-XL2550LZ	Tele Zoom OL-XL2550TZ
<b>Focal Length</b> (mm)	NOTES (1) OL-XL2550SZ is fitted as standard in WL2650U/HL2750U/MH2850U (2) OL-XL2550MZ is fitted as standard in XL1550U/XL2550U	24 ~ 29	29 ~ 37	32 ~ 48	48 ~ 74
<b>Throw Ratio</b> (XL, HL & MH models)		1.48 ~ 1.79:1	1.78 ~ 2.28:1	1.97 ~ 3.03:1	3.0 ~ 4.58:1
<b>Throw Ratio</b> (WL models)		1.48 ~ 1.79:1	1.76 ~ 2.25:1	1.96 ~ 3.00:1	2.97 ~ 4.54:1
<b>Length</b> (mm)		115	129	180	170
<b>Lens Size</b> (mm)		69	69	73	73
<b>Zoom / Focus</b>	Manual / Manual	Zoom / Manual	Zoom / Manual	Zoom / Manual	Zoom / Manual






LENS OPTIONS

WD2000 / XD1000U / XD2000U / XD3200U / WD3300U

					
	(3)				
Standard Lens		Wide Angle OL-XD2000FR	Short Throw Zoom OL-XD2000SZ	Long Throw Zoom OL-XD2000LZ	Tele Zoom OL-XD2000TZ
<b>Focal Length</b> (mm)	24.5 ~ 33.1	11.5	19.6 ~ 26.5	32.4 ~ 40.5	40.7 ~ 65.1
<b>Throw Ratio</b> (WD models)	1.76 ~ 2.40:1	0.82:1	1.38 ~ 1.89:1	2.29 ~ 2.91:1	2.93 ~ 4.80:1
<b>Throw Ratio</b> (XD models)	1.73 ~ 2.37:1	0.8:1	1.36 ~ 1.86:1	2.26 ~ 2.87:1	2.89 ~ 4.73:1
<b>Length</b> (mm)		144	84	89	143
<b>Lens Size</b> (mm)		92	134	145	92
<b>Lens Shift</b>	Yes	No	Yes	Yes	Yes
<b>Zoom / Focus</b>	Motorised / Motorised	Fixed / Motorised	Motorised / Motorised	Motorised / Motorised	Motorised / Motorised

LENS OPTIONS

XL5900U / XL5980U / FL7000U / XL6500U / XL6600U / XL6700U / FL6900U

					
	(3)				
Standard Lens		Wide Angle OL-X500FR	Short Throw Zoom OL-X500SZ	Long Throw Zoom OL-X500LZ	Tele Throw Zoom OL-X500TZ
<b>Focal Length</b> (mm)	51 ~ 6.4	22	37 ~ 44	64 ~ 90	93 ~ 140
<b>Throw Ratio</b> (FL models)	1.9 ~ 2.4:1	0.9:1	1.3 ~ 1.6:1	2.4 ~ 3.3:1	3.5 ~ 5.2:1
<b>Throw Ratio</b> (XL models)	2.0 ~ 2.5:1	0.8:1	1.4 ~ 1.7:1	2.5 ~ 3.5:1	3.7 ~ 5.5:1
<b>Lens Shift</b>	Yes	No	Yes	Yes	Yes
<b>Length</b> (mm)		174	177	204	205
<b>Lens Size</b> (mm)		123.6	84	84	84
<b>Lens Size</b>	Motorised / Motorised	Fixed / Manual	Motorised / Motorised	Manual / Manual	Manual / Manual

NOTE (3) Lens shift not possible when using OL-X500FR or OL-XD2000FR.



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