

Display Solutions

Projectors | LCD

January – May 2011

Brighter 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.

Mitsubishi's comprehensive range of data/video projectors utilise LCD and DLP™ technology and range from cost effective XGA, mid range XGA and WXGA and professional install full HD, XGA, WXGA and WUXGA solutions. All have been built to the highest standard, providing high quality, crystal clear presentations solutions for business, retail, education and the home.

Our latest range of high-end, dual lamp, installation solutions the 8000 series feature a completely new design and state-of-the-art performance for large venue applications such as auditoria, conference suites, digital signage, staging and any other high-ambient light environment. Delivering 7000 Lumens and 6500 Lumens respectively, the XD8100U (XGA) WD8200U (WXGA) and UD8400U (WUXGA) all feature built-in edge blending technology and advanced colour-matching to ensure flawless multi-projector performance with startlingly clear, bright, pin-sharp images with every detail faithfully reproduced.

Durability is a key feature of installation projectors, and the 8000 series has been cleverly designed to ensure a long working life and low cost of ownership

Mitsubishi's range of LCD displays has been designed to suit all digital signage applications within retail environments, public information points, reception areas and meeting rooms. The range includes 32", 42", 46", 52" and 65" formats that all produce high definition images and all are equipped with a host of features including a screen saver function, fast response times, high contrast and high brightness levels. All can be viewed in either landscape or portrait for impressive, maximum impact displays. Mitsubishi has further enhanced it's 42", 52" and 65" slim bezel displays with optional touch technology, making meetings and lessons interactive and advertising exciting and memorable.

With such a comprehensive range of display solutions we are confident that no matter what your requirement may be we can supply a product that can integrate seamlessly into your project requirements.



Projectors

XGA

3-D READY



SHORT THROW



SHORT THROW



COMING SOON 3-D READY



NEW 3-D READY



NEW 3-D READY

	EX240U	XD221U-ST	XD250U / XD280U	XD250-ST	EX320U	XD590U	
Resolution	1024x768 (XGA)	1024x768 (XGA)	1024x768 (XGA)	1024x768 (XGA)	1024x768 (XGA)	1024x768 (XGA)	
Format	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)	
Brightness (ANSI Lumens)	2500	2000	2700 / 3000	2600	3000	3800	
Weight	2.4kg	3.2kg	3.3kg	3.4kg	2.5kg	3.7kg	
Contrast Ratio	2000:1	2500:1	2000:1	2500:1	2000:1	2000:1	
Technology	DMD 0.55"	DMD 0.55"	DMD 0.55"	DMD 0.55"	DMD 0.55"	DMD 0.7"	
Noise (Low mode)	29dBA	26dBA	28dBA	28dBA	28dBA	25dBA	
Maximum Keystone Correction	Vertical +20°/-20°	Vertical +10°/-5°	Vertical +15°/-15°	Vertical +15°/-15°	Vertical +25°/-25°	Vertical +15°/-15°	
Frequency fh (kHz)	31-99	15-80	15-80	15-80	31-99	15-80	
fv (Hz)	48-120	50-85	50-85	50-85	48-120	50-85	
Lens	Manual	Manual	Manual	Manual	Manual	Manual	
Focal	f=21.1~23.0mm	f=7.7mm	f=18.4~22.0mm	f=7.7mm	f=16.9~21.9mm	f=20.6~30.1mm	
Speakers	2W mono	10W mono	10W mono	10W mono	2W mono	10W mono	
Input / Output	Video Input	RCA x1, S-Video x1, HDMI x1	S-Video x1, RCA x1	RCA x1, S-Video x1, HDMI x1	RCA x1, S-Video x1, HDMI x1	RCA x1, S-video x1, HDMI x1	
	Audio Input	Stereo Mini Jack (3.5mm) x1	Stereo Mini Jack (3.5mm) x2	Stereo Mini Jack (3.5mm) x2	Stereo Mini Jack (3.5mm) x2	Stereo Mini Jack (3.5mm) x2, RCA jack (L/R) x1	
	RGB Input	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2
	Audio Output	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	Stereo Mini Jack (3.5mm) x1
	RGB Output	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
	Communication	RS-232C, D-Sub 9 pin x 1, LAN (RJ-45) x1	RS-232C, Mini DIN 8 pin x 1, LAN (RJ-45) x1	RS-232C, Mini DIN 8 pin x 1, LAN (RJ-45) x1	RS-232C, Mini DIN 8 pin x 1, LAN (RJ-45) x1	RS-232C, D-Sub 9 pin x 1, LAN (RJ-45) x1	RS-232C, Mini DIN 8 pin x 1, LAN (RJ-45) x1
	DC Output 5V (1.5A max)	No	No	No	No	No	No
Input	RGB Input Compatibility	640x480 - 1024x768 - 1600x1200 comp.	640x480 - 1024x768 - 1280x1024 comp.	640x480 - 1024x768 - 1280x1024 comp.	640x480 - 1024x768 - 1280x1024 comp.	640x480 - 1024x768 - 1280x1024 comp.	
Signals	Video Signals Input Compatibility	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i/p(1125i/p 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) (1080i(1250i 50Hz) is not available)	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) (1080i(1250i 50Hz) is not available)	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)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i/p(1125i/p 50/60Hz), 1080i (1125i 50Hz), (1080i(1250i 50Hz) is not available)	
Dimension W x H x D (mm)	282 x 94 x 229	320 x 104 x 236	325 x 118 x 251	325 x 118 x 251	282 x 94 x 229	345 x 129 x 270	
Maximum Lamp Life (Eco Mode)	4000 hours	5000 hours	6000 hours	6000 hours	5000 hours	5000 hours	
Standard Accessories	Power Cord, RGB Cable, Remote Control, Soft Carry Case, Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, Remote Control, Soft Carry Case, Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, Remote Control, Soft Carry Case, Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, Remote Control, Soft Carry Case, Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, Remote Control, Soft Carry Case, Lens cap, Lamp Replacement Tray Manual on CD, Safety Manual, Quick Start Guide	Power Cord, VGA Cable, Remote Control, Soft Carry Case, Lens Cap, Lamp Replacement Attachment, Manual on CD, Safety Manual, Quick Start Guide	
Replacement lamp	VLT-EX240LP	VLT-XD221LP	VLT-XD280LP	VLT-XD280LP	VLT-EX320LP	VLT-XD590LP	
Optional Lenses	No	No	No	No	No	No	
Mechanical Lens Shift	No	No	No	No	No	No	
Virtual Lens Shift	No	No	No	No	No	No	
Instant Shutdown	Yes	Yes	Yes	Yes	Yes	Yes	
Diagnostic Function	Yes via PJ Link, Crestron®/RoomView™	Yes via PJ Link	Yes via PJ Link	Yes via PJ Link	Yes via PJ Link, Crestron®/RoomView™	Yes via PJ Link	

Projectors

		XGA					
		3-D READY					COMING SOON 3-D READY
							
		XD600U	XL1550U / XL2550U	XD3200U	XL6500U / XL6600U	XD8100U	EW330U
Resolution		1024x768 (XGA)	1024x768 (XGA)	1024x768 (XGA)	1024x768 (XGA)	1024x768 (XGA)	1280x800 (WXGA)
Format		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)	16:10 (4:3 Zoom and Stretch Options available)
Brightness (ANSI Lumens)		4500	3100 / 4000	4500	5000 / 6000	7000 with Dual lamp	3000
Weight		3.6kg	4.5kg / 4.7kg	10.5kg	9.8kg	16kg	2.5kg
Contrast Ratio		2000:1	400:1 / 600:1	2500:1	1000:1	2000:1	2000:1
Technology		DMD 0.7"	3LCD 0.8"	DMD 0.7"	3LCD 1.3"	DMD 0.7"	DMD 0.65"
Noise (Low mode)		29dBA	22dBA / 29dBA	26dBA	29dBA	28dBA	28dBA
Maximum Keystone Correction		Vertical Auto	Vertical +35°/-35°, Horizontal +25°/-25°	Vertical +35°/-35°, Horizontal +25°/-25°	Vertical +35°/-35°, Horizontal +25°/-25°	Vertical +40°/-40°, Horizontal +25°/-25°	Vertical +20°/-20°
Frequency	fh (kHz)	15-50	15-100	15-100	15-100	15-100	15-99
	fv (Hz)	50-85	50-120	50-95	50-120	50-95	48-120
Lens		Manual	Manual	Motorised	Motorised (Non lens version available)	Motorised (Non lens version available)	Manual
Focal		f=20.6~30.1mm	f=29.0~37.0mm	f=24.5~33.1mm	f=51.0~64.0mm	f=24.5~33.1mm	f=16.9~21.9 mm
Speakers		10W mono	3W mono	10W mono	N/A	N/A	2W mono
Input / Output	Video Input	RCA x 1, S-video x 1, HDMI x1	RCA x1, S-Video 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	BNC x1, S-Video x1, HDMI 1,3 x1	RCA x1, S-video x1, HDMI x1
	Audio Input	Stereo Mini Jack (3.5mm) x 2, RCA Jack (L/R) x1	Stereo Mini Jack (3.5mm) x1, RCA Jack (L/R) x2	Stereo Mini Jack (3.5mm) x3, RCA Jack (L/R) x2	Stereo Mini Jack (3.5mm) x 2, RCA Jack (L/R) x 2	N/A	Stereo mini jack (3.5mm) x1
	RGB Input	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2, 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 (HDCP) x 1	5 BNC x1, Mini D-Sub 15 pin x1, DVI-D (HDCP) x1	Mini D-sub 15 pin x2
	Audio Output	Stereo Mini Jack (3.5mm) x1	Stereo Mini Jack (3.5mm) x1	Stereo Mini Jack (3.5mm) x1 (variable out)	Stereo Mini Jack (3.5mm) x1	N/A	Stereo Mini Jack (3.5mm) x1
	RGB Output	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	N/A	Mini D-Sub 15 Pin x1
	Communication	RS-232C, Mini DIN 8 pin x 1, LAN (RJ-45) x1	RS-232C, D-Sub 9 pin x 1, USB for Mouse, LAN (RJ-45) x1	RS-232C, D-Sub 9 pin x1, USB for Mouse, LAN (RJ-45) x1	RS-232C, D-Sub 9 pin x1, USB for Mouse, LAN (RJ-45) x1	RS-232C, D-Sub 9pin in/out x1, LAN (RJ-45) x 1, Wired remote in/out x1	RS-232C, D-Sub 9 pin x1, LAN (RJ-45) x1
	DC Output 5V (1.5A max)	No	Yes	Yes	No	No	No
Input	RGB Input Compatibility	640 x480 - 1024 x 768	640x480 - 1024x768 - 1280x1024 comp., 1600x1200 re-samp.	640x480 - 1024x768 - 1600x1200 comp.	640x480 - 1024x768 - 1600x1200 comp.	640x480 - 1024x768 - 1920x1200 comp.	640 x 480 - 1280 x 800 - 1600 x 1200 comp.
Signals	Video Signals Input Compatibility	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) (1080i(1250i 50Hz) is not available)	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), (1080i(1250i 50Hz) is not available)	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), 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), 720p(750p), 1080i(1125i 50/60Hz), 1080i(1250 50Hz), (1080i(1250i 50Hz) is not available), 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), 720p(750p), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz), (1080i(1250i 50Hz) is not available), 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), 720p(750p), 1080i(1125i 50/60Hz), 1080i(1125i 50/60Hz), 1080i(1250i 50/60Hz), 1080i(1250i 50/60Hz)
Dimension W x H x D (mm)		345 x 129 x 270	333 x 113 x 272	450 x 187 x 373 (excl. terminal cover)	443 x 207 x 434	490 x 201 x 421	282 x 94 x 229
Maximum Lamp Life (Eco Mode)		5000 hours	5000 hours / 4000 hours	4000 hours	4000 hours	4000 hours Dual mode / 8000 hours Single mode	5000 hours
Standard Accessories		Power Cord, RGB Cable, Remote Control, Soft Carry Case, Lens cap, Lamp Replacement Tray Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, AV Cable, USB Cable, RS232C Cable, Remote Control, Soft Carry Case, 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, RS232C Cable, Remote Control, Terminal Cover, Manual on CD, Safety Manual	Power Cord, RGB Cable, Remote Control, Soft Carrying Case Manual on CD, Safety Manual, Quick Start Guide
Replacement lamp		VLT-XD600LP	VLT-XL550LP / VLT-XL650LP	VLT-XD3200LP	VLT-XL6600LP	VLT-XD8000LP	VLT-EW320LP
Optional Lenses		No	Yes, 3	Yes, 4	Yes, 4, non lens option available	Yes, 5, non lens option available	No
Mechanical Lens Shift		No	No	Yes	Yes	Yes	No
Virtual Lens Shift		No	No	No	No	No	No
Instant Shutdown		Yes	No	No	No	Yes	Yes
Diagnostic Function		Yes via PJ Link	Yes via PJ Link	Yes via PJ Link	Yes via PJ Link	Yes via PJ Link, Crestron® & AMX Discovery	Yes via PJ Link, Crestron®/RoomView™

Specifications are subject to change without notice

WXGA

3-D READY

3-D READY

SHORT THROW



EW270U	EW230-ST	WD620U	WL2650U	WD3300U	WL6700U	WD8200U
1280x800 (WXGA)	1280x800 (WXGA)	1280x800 (WXGA)	1280x800 (WXGA)	1280x800 (WXGA)	1366x800 (WXGA)	1280x800 (WXGA)
16:10 (4:3 Zoom and Stretch Options available)	16:10 (4:3 Zoom and Stretch Options available)	16:10 (4:3 Zoom and Stretch Options available)	16:10 (4:3 Zoom and Stretch Options available)	16:10 (4:3 Zoom and Stretch Options available)	16:10 (4:3 Zoom and Stretch Options available)	16:10 (4:3 Zoom and Stretch Options available)
2600	2500	4000	3500	4000	5000	6500 with Dual lamp
2.4kg	2.8kg	3.6kg	4.7kg	10.5kg	9.8kg	16kg
2000:1	2000:1	2000:1	600:1	2300:1	1000:1	2000:1
DMD 0.65"	DMD 0.65"	DMD 0.65"	3LCD 0.75"	DMD 0.65"	3LCD 1.2"	DMD 0.65"
29dBA	29dBA	29dBA	29dBA	26dBA	29dBA	28dBA
Vertical +20°/-20°	Vertical +20°/-20°	Vertical Auto	Vertical +35°/-35°, Horizontal +25°/-25°	Vertical +35°/-35°, Horizontal +25°/-25°	Vertical +35°/-35°, Horizontal +25°/-25°	Vertical +40°/-40°, Horizontal +25°/-25°
31-99 48-120	31-99 48-120	15-100 50-85	15-100 50-120	15-100 50-95	15-100 50-120	15-100 50-95
Manual	Manual	Manual	Manual	Motorised	Motorised	Motorised (Non lens version available)
f=21.1~23.0mm	f=6.9mm	f=20.57~29.94mm	f=24.0~29.0mm	f=24.5~33.1mm	f=51.0~64.0mm	f=24.5~33.1mm
2W mono	2W mono	10W mono	3W mono	10W mono	10W mono	N/A
RCA x1, S-Video x1, HDMI x1	RCA x1, S-Video x1, HDMI x1	RCA x1, S-Video x1, HDMI x1	S-Video x1, RCA 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	BNC x1, S-Video x1, HDMI 1,3 x1
Stereo Mini Jack (3.5mm) x1	Stereo Mini Jack (3.5mm) x1	Stereo Mini Jack (3.5mm) x1, RCA Jack (L/R) x1	Stereo Mini Jack (3.5mm) x2, RCA Jack (L/R) x2	Stereo Mini Jack (3.5mm) x3, RCA Jack (L/R) x2	Stereo Mini Jack (3.5mm) x2, RCA Jack (L/R) x2	N/A
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 (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 (HDCP) 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	Stereo Mini Jack (3.5mm) x1 (variable out)	Stereo Mini Jack (3.5mm) x1	N/A
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	N/A
RS-232C, D-Sub 9 pin x1, LAN (RJ-45) x1	RS-232C, D-Sub 9 pin x1, LAN (RJ-45) x1	RS-232C, Mini DIN 8 pin x1, LAN (RJ-45) x1	RS-232C, D-Sub 9 pin x1, USB for Mouse, LAN (RJ-45) x1	RS-232C, D-Sub 9 pin x1, USB for Mouse, LAN (RJ-45) x1	RS-232C, D-Sub 9 pin x1, USB for Mouse, LAN (RJ-45) x1	RS-232C, D-Sub 9pin in/out x1, LAN (RJ-45) x 1, Wired remote in/out x1
No	No	No	No	Yes	No	No
640x480 - 1280x800 - 1600x1200 comp.	640x480 - 1280x800 - 1600x1200 comp.	640x480 - 1280x800 - 1280x1024 comp.	640x480 - 1366x800 - 1600x1200 comp.	640x480 - 1280x800 - 1600x1200 comp.	640x480 - 1366x800 - 1600x1200 comp.	640x480 - 1280x800 - 1920x1200 comp.
NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p), 1080i/p(1125i/p 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/p(1125i/p 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 60Hz), 1080i(1125i 50Hz), (1080i(1250i 50Hz) is not available)	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(11252p 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), 720p(750p), 1080i(1125i 60Hz), 1080p(11252p 50/60Hz), (1080i(1250i 50Hz) is not available), 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), 720p(750p), 1080i(1125i 50/60Hz), 1080p(1125 50/60Hz), (1080i(1250i 50Hz) is not available), 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), 720p(750p), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz), (1080i(1250i 50Hz) is not available), SCART (RGB +1V Sync)
282 x 94 x 229	282 x 94 x 229	345 x 129 x 270	333 x 113 x 272	450 x 187 x 373 (excl. terminal cover)	443 x 207 x 434	490 x 201 x 421
4000 hours	4000 hours	5000 hours	4000 hours	4000 hours	4000 hours	4000 hours Dual mode / 8000 hours Single mode
Power Cord, RGB Cable, Remote Control, Soft Carrying Case Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, Remote Control, Soft Carrying Case Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, Remote Control, Soft Carry Case, Lens Cap, Lamp Replacement Tray, Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, AV Cable, RS232C Cable, USB Cable, Remote Control 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, RS232C Cable, Remote Control, Terminal Cover, Manual on CD, Safety Manual
VLT-EX240LP	VLT-EX240LP	VLT-XD600LP	VLT-XL650P	VLT-XD3200LP	VLT-XL6600LP	VLT-XD8000LP
No	No	No	Yes, 3	Yes, 4	Yes, 4	Yes, 5, non lens option available
No	No	No	No	Yes	Yes	Yes
No	No	No	No	No	No	No
Yes	Yes	Yes	No	No	No	Yes
Yes via PJ Link, Crestron®/RoomView™	Yes via PJ Link, Crestron®/RoomView™	Yes via PJ Link	Yes via PJ Link	Yes via PJ Link	Yes via PJ Link	Yes via PJ Link, Crestron® & AMX Discovery

Projectors

	SXGA+		FULL HD	COMING SOON		COMING SOON	WUXGA
							
	MH2850U	FD630U	FL6900U / FL7000U	HC4000	UD8350U	UD8400U	
Resolution	1400x1050 (SXGA+)	1920x1080 (Full HD)	1920x1080 (Full HD)	1920 x 1080 (Full HD)	1920x1200 (WUXGA)	1920x1200 (WUXGA)	
Format	5:4 (16:9 available)	16:9 (4:3 Zoom and Stretch Options available)	16:9 (4:3 Zoom and Stretch Options available)	16:9 (4:3 Zoom and Stretch Options available)	16:10 (4:3 Zoom and Stretch Options available)	16:10 (4:3 Zoom and Stretch Options available)	
Brightness (ANSI Lumens)	3100	4000	4000 / 5000	1300	6500 with Dual lamp	6500 with Dual lamp	
3.6kg	4.9kg	3.6kg	9.8kg	3.6kg	16kg	16kg	
Contrast Ratio	600:1	2000:1	1000:1	3600:1	2000:1	2000:1	
Technology	3LCD 0.8"	DMD 0.65"	3LCD 1.1"	DMD 0.65"	DMD 0.67"	DMD 0.67"	
Noise (Low mode)	29dBA	29dBA	29dBA	25dBA	29dBA	29dBA	
Maximum Keystone Correction	Vertical +35°/-35°, Horizontal +25°/-25°	Vertical Auto	Vertical +13.5°/-14.5°	Vertical +15°/-15°	Horizontal & Vertical	Horizontal & Vertical	
Frequency fh (kHz)	15-100	15-80	15-100	15-80	15-100	15-100	
fv (Hz)	50-120	50-85	50-120	24-85	50-95	50-95	
Lens	Manual	Manual	Motorised	Manual	Motorised (Non lens version available)	Motorised (Non lens version available)	
Focal	f=24.0-29.0mm	f=20.57-29.94mm	f=51.0-64.0mm	f=20.6-30.1mm	f=24.5-33.1mm	f=24.5-33.1mm	
Speakers	3W mono	10W mono	10W mono	N/A	N/A	N/A	
Input / Output	Video Input	S-Video x1, RCA x1	RCA x1, S-Video x1, HDMI x1	S-Video x1 or BNC (Y,C) x1, RCA x1 or BNC x1	RCA x1, S-video x1, HDMI x1	BNC x1, S-Video x1, HDMI (Ver 1.3 Deep Colour) x1	BNC x1, S-Video x1, HDMI 1, 3 x1, SDI x1, (3G SDI / HD - SDI / SD-SDI)
	Audio Input	Stereo Mini Jack (3.5mm) x2, RCA Jack (L/R) x2	Stereo Mini Jack (3.5mm) x2, RCA Jack (L/R) x1	PC Stereo Mini Jack (3.5mm) x2, RCA Jack (L/R) x2	N/A	N/A	N/A
	RGB Input	Mini D-Sub 15 Pin x2, DVI-D (HDCP) x1	Mini D-Sub 15 Pin x2	Mini D-Sub 15 Pin x2, 5 BNC x1, DVI-D (HDCP) x1	Mini D-sub 15 pin x1	5 BNC x1, Mini D-Sub 15 pin x1, DVI-D (HDCP) x1	5 BNC x1, Mini D-Sub 15 pin x1, DVI-D (HDCP) x1
	Audio Output	Stereo Mini Jack (3.5mm) x1	Stereo Mini Jack (3.5mm) x1	Stereo Mini Jack (3.5mm) x1	No	N/A	N/A
	RGB Output	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	Mini D-Sub 15 Pin x1	No	N/A	N/A
	Communication	RS-232C, D-Sub 9 pin x1, USB for Mouse, LAN (RJ-45) x1	RS-232C, Mini DIN 8 pin x1, LAN (RJ-45) x1	RS-232C, D-Sub 9 pin x1, USB for Mouse, LAN (RJ-45) x1	RS-232C, Mini DIN 8 pin x1, LAN (RJ-45) x1	RS-232C, D-Sub 9pin in/out x1, LAN (RJ-45) x1, Wired remote in/out x1	RS-232C, D-Sub 9pin in/out x1, LAN (RJ-45) x1, Wired remote in/out x1
	DC Output 5V (1.5A max)	No	No	No	No	No	No
Input	RGB Input Compatibility 640x480 - 1400x1050 - 1600x1200 comp.	640x480 - 1920x1080 - 1600x1200 comp.	640x480 - 1920x1080 - 1600x1200 comp.	640 x 480 - 1920 x 1090 - 1600 x 1200 comp.	640 x 400 - 1920 x 1200	640x480 - 1920x1200	
Signals	Video Signals Input Compatibility 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), (1080i(1250i 50Hz) is not available), 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), 720p(750p), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz) is not available, 1080p	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), (1080i(1250i 50Hz) is not available) (1080i(1250i 50Hz), 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), 720p(750p), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz), (1080i(1250i 50Hz) is not available), 1080p (50Hz, 60Hz, 24Hz)	NTSC/NTSC4.43/PAL (Including PAL-M, N) / SECAM/PAL-60, Component Video: 480i/p(525i/p), 576i/p (625i/p), 720p(750p 50/60Hz), 1080i(1125i 50/60Hz), 1080p(1125p 50/60Hz), (1080i(1250i 50Hz) is not available), SCART (RGB +1V Sync, only Mini D-sub 15 pin terminal	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)	
Dimension W x H x D (mm)	333 x 113 x 272	345 x 129 x 270	443 x 207 x 434	345 x 129 x 270	490 x 201 x 421	490 x 201 x 421	
Maximum Lamp Life (Eco Mode)	5000 Hours	5000 hours	4000 hours	5000 hours	4000 hours Dual mode / 8000 hours Single mode	4000 hours Dual mode / 8000 hours Single mode	
Standard Accessories	Power Cord, RGB Cable, AV Cable, RS232C Cable, USB Cable, Remote Control, Manual on CD, Safety Manual	Power Cord, RGB Cable, Remote Control, Soft Carry Case, Lens Cap, Lamp Replacement Tray, Manual on CD, Safety Manual, Quick Start Guide	Power Cord, RGB Cable, AV Cable, RS232C Cable, Remote Control, Safety Pin, Filter, Terminal Cover, Manual on CD, Safety Manual	Power Cord, VGA (D-sub) cable, User Manual on CD, Safety Manual, Lens Cap, Lamp Replacement Attachment	Power Cord, RGB Cable, RS232C Cable, Remote Control, Terminal Cover, Manual on CD, Safety Manual	Power Cord, RGB Cable, RS232C Cable, Remote Control, Terminal Cover, Manual on CD, Safety Manual	
Replacement lamp	VLT-XL650P	VLT-XD600LP	XLT-XL6600LP	VLT-HC3800LP	VLT-XD8000LP	VLT-XD8000LP	
Optional Lenses	Yes, 3	No	Yes, 4	No	Yes, 5, non lens option available	Yes, 5 non lens option available	
Mechanical Lens Shift	No	No	Yes	No	Yes	Yes	
Virtual Lens Shift	No	No	No	No	No	No	
Instant Shutdown	No	Yes	No	No	Yes	Yes	
Diagnostic Function	Yes via PJ Link	Yes via PJ Link	Yes via PJ Link	No	Yes via PJ Link, Crestron® & AMX Discovery	Yes via PJ Link, Crestron® & AMX Discovery	

Specifications are subject to change without notice

Commercial LCD



32" LDT322V

42" LDT422V

46" LDT461V2

42" MDT421S Slim bezel

	32" LDT322V	42" LDT422V	46" LDT461V2	42" MDT421S Slim bezel	
Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	
Bezel Size	1.73"	1.73"	1.98"	0.63"	
Size	32"	42"	46"	42" Slim Bezel	
Resolution	1366 x 768 (WXGA)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	
Format	16:9	16:9	16:9	16:9	
Brightness	450cd/m ²	500cd/m ²	450cd/m ²	700cd/m ²	
Weight (w/o stand)	14.5kg	20.5kg	28kg	23.5kg	
Contrast Ratio	2500:1	1300:1	4000:1	1100:1	
Technology	LCD	LCD	LCD	LCD	
Speakers	7W+7W	7W+7W	7W+7W	7W+7W	
Input / Output	Video Input	Composite <BNC/RCA>, Y/C <S-video>, Component <BNC>, DVI-D	Composite <BNC/RCA>, Y/C <S-video>, Component <BNC>, HDMI (PC/AV common), DVI-D (PC/AV common)	Composite <BNC/RCA>, Y/C <S-video>, Component <BNC>, HDMI (PC/AV common)	Composite <BNC/RCA>, Y/C <S-video>, Component <BNC>, HDMI, DVI-D (PC/AV common)
	Audio Input	RCA (L/R) x2, Stereo Mini Jack x1	RCA (L/R) x2, Stereo Mini Jack x1, HDMI (digital audio)	RCA (L/R) x2, Stereo Mini Jack x1	RCA (L/R) x2, Stereo Mini Jack x1
	AV Input	BNC (R,G,B,H,V), Mini D-sub 15 pin, DVI-D (PC/AV common)	BNC (R,G,B,H,V), Mini D-sub 15 pin, HDMI (PC/AV common), DVI-D (PC/AV common)	BNC (R,G,B,H,V), Mini D-sub 15 pin, HDMI (PC/AV common)	BNC (R,G,B,H,V), Mini D-sub 15 pin, HDMI, DVI-D (PC/AV common), DisplayPort
	Audio Output	RCA pin jack (L/R)	RCA pin jack (L/R)	RCA pin jack (L/R)	RCA pin jack (L/R)
	Communication	RS-232C (Mini D-sub 9 Pin) 1x in	RS-232C (Mini D-sub 9 Pin) 1x in	RS-232C (Mini D-sub 9 Pin) 1x in	RS-232C (Mini D-sub 9 Pin) 1x in/1x out
	Supported Resolution	640x480, 800x600, 1024x768, 1280x768, 1360x768, 1280x1024, 1600x1200 simpl.compression	640x480, 800x600, 1024x768, 1280x768, 1360x768, 1280x1024, 1600x1200, 1920x1080, 1920x1080 (simpl.compression)	640x480, 800x600, 1024x768, 1280x768, 1360x768, 1280x1024, 1600x1200, 1920x1080, 1920x1200 simplified compression	640x480, 800x600, 1024x768, 1280x768, 1360x768, 1280x1024, 1600x1200, 1920x1080, 1920x1200 simplified compression
	Signals Video Input	NTSC/NTSC4.43/PAL / SECAM/PAL-60	NTSC/NTSC4.43/PAL / SECAM/PAL-60	NTSC/NTSC4.43/PAL / SECAM/PAL-60	NTSC/NTSC4.43/PAL / SECAM/PAL-60
	Signals Compatibility	Comp.:480i, 480p, 720p, 1080i, Digital: 480p, 720p	Comp.:480i, 480p, 720p, 1080i, Digital: 480p, 720p, 1080i, 1080p	Comp./Digital:480i, 480p, 720p, 1080i, 1080p	Comp./Digital:480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Dimensions W x H x D (w/o stand) (mm)	789 x 476 x 133	1023 x 614 x 133	1122 x 663 x 136	966 x 559 x 116	
Standard Accessories	Power Cord, VGA cable, Cable Holder, Remote Control, Clamper, Main Switch Cover, User Manual	Power Cord, VGA cable, Cable Holder, Stand x2, Remote Control, Clamper x2, Main Switch Cover, User Manual	Power Cord, VGA cable, Cable Holder, Stand x2, Remote Control, Clamper x2, Main Switch Cover, User Manual	Power Cord, VGA cable, Remote Control, Clamper x2, User Manual	
Optional Accessories	SP-321V (Speakers), ST-322V (Stand)	SP-422V (Speakers), ST-422V (Stand)	SP-461V Speakers, ST-461V (Stand)	SP-421S (Speakers), ST-421S (Stand), DP-1CA5 (CAT5 kit), OB-421S-AS (Silver bezel)	
Speaker Dimensions W x H x D (mm)	75 x 545.8 x 83	95 x 612 x 72.1	95 x 663 x 81.6	95 x 612 x 72.1	
Viewing Angle	Up and Down 178° / Left and Right 178°	Up and Down 178° / Left and Right 178°	Up and Down 178° / Left and Right 178°	Up and Down 178° / Left and Right 178°	
CAT5 Receiver	No	No	No	Optional	
Face Up Mode	No	No	No	No	
Tiling Mode	Yes, up to 16 (4x4)	Yes, up to 25 (5x5)	Yes, up to 25 (5x5)	Yes, up to 25 (5x5)	

NEW Interactive LCD

Mitsubishi Electric's range of high quality fully featured LCD display monitors have been enhanced with 'Assist™' technology, making interaction easy and simple, providing an informative and effective communication tool for classrooms, meeting rooms, reception areas and retail applications.

A simple over-layer cover can be attached to Mitsubishi's slim bezel 42" 52" and 65" LCD screens.



	MDT421S-T	MDT521S-T	MDT651S-T
Corresponding Model & Size	MDT421S, 42"	MDT521S, 52"	MDT651S, 65"
Main Unit Dimension W x H x D (mm)	979mm x 605mm x 63.5mm	1207mm x 731mm x 63.5mm	1507mm x 905mm x 70.0mm
Weight	34.9kg combined weight*	55.5kg combined weight*	71.9kg combined weight*
Sensing method	Optical Image Sensing Method		
Reading height	2mm		
Scanning speed	9 to 15ms		
Touch Surface	Hardened Glass		
Connection	USB1.1 (Cable length: 3m)*** Dedicated Driver is NOT needed ***		
Usable OS	Windows XP, Vista & 7, Mac. OS X		
Fixing	Screw (7)		
Manufacturer	Assist Co., Ltd.		

NOTE: * combined weight is for the LCD display and the touch overlay

52" MDT521S Slim bezel	65" MDT651S Slim bezel
Landscape / Portrait	Landscape / Portrait
0.77"	1.20"
52" Slim Bezel	65" Slim Bezel
1920 x 1080 (Full HD)	1920 x 1080 (Full HD)
16:9	16:9
700cd/m ²	700cd/m ²
40kg	46.5kg
2000:1	2500:1
LCD	LCD
7W+7W	7W+7W
Composite <BNC/RCA>, Y/C <S-video>, Component <BNC>, HDMI, DVI-D (PC/AV common)	Composite <BNC>, Y/C <S-video>, Component <BNC>
RCA (L/R) x2, Stereo Mini Jack x1	RCA (L/R) x2, Stereo Mini Jack x1
BNC (R,G,B,H,V), Mini D-sub 15 pin, HDMI, DVI-D (PC/AV common)	BNC (R,G,B,H,V), Mini D-sub 15Pin, HDMI, DVI-D (PC/AV common), DisplayPort
RCA pin jack (L/R)	RCA pin jack (L/R)
RS-232C (Mini D-sub 9 Pin) 1x in/1x out	RS-232C (Mini D-sub 9 Pin) 1x in/1x out
640x480, 800x600, 1024x768, 1280x768, 1360x768, 1280x1024, 1600x1200, 1920x1080, 1920x1200 simplified compression	640x480, 800x600, 1024x768, 1280x768, 1360x768, 1280x1024, 1600x1200, 1920x1080, 1920x1200 simplified compression
NTSC/NTSC4.43/PAL / SECAM/PAL-60	NTSC/NTSC4.43/PAL / SECAM/PAL-60
Comp./Digital:480i, 480p, 576i, 576p, 720p, 1080i, 1080p	Comp./Digital:480i, 480p, 720p, 1080i, 1080p
1202 x 698 x 122	1498 x 873 x 139
Power Cord, VGA cable, Remote Control, Clamper x2, User Manual, CAT5 Tx Box, CD-rom	Power Cord, VGA cable, Remote Control, Clamper x2, User Manual, CAT5 Tx Box, CD-rom
SP-521S (Speakers), ST-521S (Stand), OB-521S-AS (Silver Bezel)	SPI-651S (Speakers)
80 x 698 x 72.1	80 x 698 x 72.1
Up and Down 178° / Left and Right 178°	Up and Down 178° / Left and Right 178°
Yes	Yes
Yes	No
Yes, up to 25 (5x5)	Yes, up to 25 (5x5)

Lens options

XL1550U / XL2550U / WL2650U / HL2750U / MH2850U





					
	Standard Lens	Short Throw Zoom OL-XL2550SZ (1)	Med Throw Zoom OL-XL2550MZ (2)	Long Throw Zoom OL-XL2550LZ	Tele Zoom OL-XL2550TZ
Focal Length (mm)	Refer to footnote	24-29	29-37	32-48	48-74
Throw Ratio	Refer to footnote	1.5-1.8	1.8-2.3	2.0-3.0	3.0-4.6 (2.9-4.5*)
Length (mm)	Refer to footnote	115	129	180	170
Lens Size (mm)	Refer to footnote	69	69	73	73
Zoom / Focus	Refer to footnote	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual

*WL2650U lens detail

XD3200U / XD3500U / WD2000U / WD3300U / XD8100U / WD8200U / UD8400U

						
	Standard Lens	Wide Angle OL-XD2000FR (3)	Short Throw Zoom OL-XD2000SZ	Long Throw Zoom OL-XD2000LZ	Tele Zoom OL-XD2000TZ	Ultra Zoom OL-XD8000UZ (4)
Focal Length (mm)	24.5-33.1	11.5	19.6-26.5	32.4-40.5	40.7-65.1	64.5-1285.5
Throw Ratio	1.7-2.4	0.8	1.35-1.85	2.1-2.85	2.9-4.7	4.7-9.0 at XGA
Length (mm)		143	85	89	143	186
Lens Size (mm)		83	145	145	92	86
Zoom / Focus	Motorised / Motorised	Fixed / Motorised	Motorised / Motorised	Motorised / Motorised	Motorised / Motorised	Motorised / Motorised

XL6500U / XL6600U / WL6700U / FL6900U / FL7000U

					
	Standard Lens	Wide Angle OL-X500FR (3)	Short Throw Zoom OL-X500SZ	Long Throw Zoom OL-X500LZ	Tele Throw Zoom OL-X500TZ
Focal Length (mm)	51-64	22	37-44	64-90	93-140
Throw Ratio	1.9-2.4	0.8	1.3-1.6	2.4-3.3	3.4-5.2 (3.7-5.5**)
Length (mm)		168.8	175.2	195.9	197.3
Lens Size (mm)		123.6	84	84	84
Zoom / Focus	Motorised / Motorised	Fixed / Manual	Motorised / Motorised	Manual / Manual	Manual / Manual

** FL7000U lens detail

(1) Is standard lens for WL2650U / HL2750U / MH2850U, is optional lens for XL1550U / XL2550U

(2) Is standard lens for XL1550U / XL2550U, is optional lens for WL2650U / HL2750U / MH2850U

(3) Lens Shift function not possible when using OL-X500FR

(4) Only suitable for XD3200U / WD3300 / XD8100U / WD8200U / UD8400U

Visit our website for up to date lens calculator

Dealer Stamp

Issue date: January 2011

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