





















crystal clear  
display solutions

		STANDARD				
						
		<b>XD250ST</b>	<b>XD280U</b>	<b>XD500U</b>	<b>WD500ST</b>	<b>WD510U</b>
<b>Resolution</b>		1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)
<b>Format</b>		4:3 (16:9 available)	4:3 (16:9 available)	4:3 (16:9 available)	16:10 (4:3 available)	16:10 (4:3 available)
<b>Brightness</b>		2600	3000	2200	2600	2600
<b>Weight</b>		3.4 kg	3.2 kg	2.9 kg	3.2 kg	3.2 kg
<b>Contrast ratio</b>		2500:1	2000:1	2000:1	2000:1	2000:1
<b>Technology</b>		DLP™ (BrilliantColour™)	DLP™ (BrilliantColour™)	DLP™ (BrilliantColour™)	DLP™ (BrilliantColour™)	DLP™ (BrilliantColour™)
<b>Colour wheel</b>		6 segment	6 segment	6 segment	6 segment	6 segment
<b>HD Ready</b>		No	No	No	Yes	Yes
<b>Noise (*eco mode)</b>		28 dB*	28 dB*	26 dB*	29 dB*	29 dB*
<b>Maximum keystone correction</b>		±15° V	+13° / -15° V	±15° V	+15° / -10° V	+15° / -10° V
<b>Frequency fh (kHz)</b>		15 - 80	15 - 80	15 - 80	15 - 80	15 - 80
<b>Frequency fv (Hz)</b>		50 - 85	50 - 85	50 - 85	50 - 85	50 - 85
<b>Lens</b>		Manual Control	Manual Control	Manual Control	Manual Control	Manual Control
<b>Throw ratio</b>		0.7 : 1	1.6 ~ 1.9 : 1	1.7 ~ 2.1 : 1	1.2 ~ 1.5 : 1	1.3 ~ 1.6 : 1
<b>Speakers</b>		10W mono	10 W mono	2W mono	2W mono	2 W mono
<b>Input / Output</b>	<b>Video Input</b>	HDMI x1, S-video x1, RCA x1	S-video x 1, RCA x 1	S-video x 1, RCA x 1	S-video x 1, RCA x 1	S-video x 1, RCA x 1
	<b>Audio Input</b>	Stereo Mini jack (3.5 mm) x2 (1xPC/1xvideo)	Stereo Mini jack (3.5 mm) x2, RCA (L/R) x1	Stereo Mini jack (3.5 mm) x1, RCA (L/R) x1	Stereo Mini jack (3.5 mm) x1, RCA (L/R) x1	Stereo Mini jack (3.5 mm) x1, RCA (L/R) x1
	<b>RGB Input</b>	Mini D-sub 15 pin x2	Mini D-sub 15 pin x2, HDMI x1	Mini D-sub 15 pin x2	Mini D-sub 15 pin x2, DVI-D (with HDCP) x1	Mini D-sub 15 pin x2, DVI-D (with HDCP) x1
	<b>Audio output</b>	Stereo Mini jack (3.5 mm) x1	Stereo Mini jack (3.5 mm) x1	Stereo Mini jack (3.5 mm) x1	Stereo Mini jack (3.5 mm) x1	Stereo Mini jack (3.5 mm) x1
	<b>RGB output</b>	Mini D-sub 15 pin x2	Mini D-sub 15 pin x1	D-sub 15 pin x1	Mini D-sub 15 pin x1	Mini D-sub 15 pin x1
	<b>Communication (+via system operation remote)</b>	RS232C; Mini DIN (8 pin) x1, LAN; RJ-45 x1	RS232C; Mini DIN (8 pin) x1 LAN; RJ-45 x1 (projector control)	RS232C; D-sub (9 pin) x1 USB terminal for page up/down	RS232C; D-sub (9 pin) x1 USB terminal for page up/down	RS232C; D-sub (9 pin) x1 USB terminal for page up/down
<b>Input</b>	<b>RGB input compatibility</b>	VGA, SVGA, XGA, WXGA, SXGA	VGA, SVGA, XGA, WXGA, SXGA	VGA, SVGA, XGA, WXGA, SXGA	VGA, SVGA, XGA, WXGA, SXGA	VGA, SVGA, XGA, WXGA, SXGA
<b>Signals</b>	<b>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 60 Hz), 1080i (1125i 50 Hz)	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 60 Hz), 1080i (1125i 50 Hz)	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 60 Hz), 1080i (1125i 50 Hz)	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 60 Hz), 1080i (1125i 50 Hz)	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 60 Hz), 1080i (1125i 50 Hz)
<b>Dimensions (WxHxD)</b>		325 x 118 x 251 mm	325 x 118 x 251 mm	332 x 102 x 250 mm	332 x 102 x 250 mm	332 x 102 x 250 mm
<b>Maximum lamp life (*eco mode)</b>		6000 hours *	6000 hours *	3000 hours *	4000 hours *	4000 hours *
<b>Standard accessories</b>		Remote control, Power cord, VGA cable, Manual on CD rom, Safety manual, Quick Start Guide, Lens cap, Soft carry bag	Remote control, Power cord, VGA (D-sub) cable, Manual on CD rom, Safety manual, Quick start guide, Lens cap, Soft carry bag	Remote control, Power cord, VGA cable, Composite cable, Manual on CD rom, Safety manual, Quick Start Guide, Lens cap, Soft carry bag	Remote control, Power cord, VGA cable, Composite cable, Manual on CD rom, Safety manual, Quick Start Guide, Lens cap, Soft carry bag	Remote control, Power cord, VGA cable, Composite cable, Manual on CD rom, Safety manual, Quick Start Guide, Lens cap, Soft carry bag
<b>Replacement lamp / Lamp replacement</b>		VLT-XD280LP / Top	VLT-XD280LP / Top	VLT-XD500LP / Top	VLT-XD510LP / Top	VLT-XD510LP / Top
<b>Optional lenses</b>		No	No	No	No	No
<b>Mechanical lens shift</b>		No	No	No	No	No
<b>Virtual lens shift</b>		No	No	No	No	No
<b>24/7 operation</b>		No	No	No	No	No
<b>Instant shutdown</b>		Yes	Yes	Yes	Yes	Yes
<b>Diagnostic function</b>		No	No	No	No	No
<b>Warranty</b>		Projector: 3 year Lamp in new projector: 1000 hours/12 months	Projector: 3 year Lamp in new projector: 1000 hours/12 months	Projector: 3 year Lamp in new projector: 1000 hours/12 months	Projector: 3 year Lamp in new projector: 1000 hours/12 months	Projector: 3 year Lamp in new projector: 1000 hours/12 months

**INSTALL**






						
<b>XD510U</b>	<b>XD600U</b>	<b>WD620U</b>	<b>FD630U</b>	<b>MH2850U</b>	<b>XL1550U</b>	<b>XL2550U</b>
1024 x 768 (XGA)	1024 x 768 (XGA)	1080 x 800 (WXGA)	1920 x 1080 (HD)	1400 x 1050 (SXGA+)	1024 x 768 (XGA)	1024 x 768 (XGA)
4:3 (16:9 available)	4:3 (16:9 available)	16:10 (4:3 available)	16:9 (4:3 available)	4:3 (16:9 available)	4:3 (16:9 available)	4:3 (16:9 available)
2600	4500	4000	4000	3100	4000	4000
2.9 kg	3.6 kg	3.6 kg	3.6 kg	4.9 kg	4.7 kg	4.7 kg
2000:1	2000:1	2000:1	2000:1	600:1	400:1	600:1
DLP™ (BrilliantColour™)	DLP™ (BrilliantColour™)	DLP™ (BrilliantColour™)	DLP™ (BrilliantColour™)	3-LCD	3-LCD	3-LCD
6 segment	5 segment	5 segment	5 segment	-	-	-
No	No	No	No	Yes	No	No
29 dB*	29 dB*	29 dB*	29 dB*	29 dB*	22 dB*	29 dB*
±15° V	+° / -° V	+° / -° V	+° / -° V	±35° V / ±25° H	±35° V / ±25° H	±35° V / ±25° H
15 - 80	15 - 80	15 - 80	15 - 80	15 - 100	15 - 100	15 - 100
50 - 85	50 - 85	50 - 85	50 - 85	50 - 120	50 - 120	50 - 120
Manual Control	Manual Control	Manual Control	Manual Control	Manual Control	Manual Control	Manual Control
1.6 ~ 1.9 : 1	1.4 ~ 2.1 : 1	1.4 ~ 2.1 : 1	1.4 ~ 2.1 : 1	1.5 ~ 1.8 : 1	1.8 ~ 2.3 : 1	1.8 ~ 2.3 : 1
2 W mono	10 W mono	10 W mono	10 W mono	3 W mono	3 W mono	3 W mono
S-video x 1, RCA x 1	S-video x 1, RCA x 1	S-video x 1, RCA x 1	S-video x 1, RCA x 1	S-video x 1, RCA x 1	S-video x 1, RCA x 1	S-video x 1, RCA x 1
Mini jack (3.5 mm) x1, RCA (L/R) x1	Stereo Mini jack (3.5 mm) x2, RCA (L/R) x1	Stereo Mini jack (3.5 mm) x2, RCA (L/R) x1	Stereo Mini jack (3.5 mm) x2, RCA (L/R) x1	Stereo Mini jack (3.5 mm) x2, RCA (L/R) x2	Stereo Mini jack (3.5 mm) x2, RCA (L/R) x2	Stereo Mini jack (3.5 mm) x2, RCA (L/R) x2
Mini D-sub 15 pin x2	Mini D-sub 15 pin x2, HDMI x1	Mini D-sub 15 pin x2, HDMI x1	Mini D-sub 15 pin x2, HDMI x1	Mini D-sub 15 pin x2, DVI-D (with HDCP) x1	Mini D-sub 15 pin x2, DVI-D (with HDCP) x1	Mini D-sub 15 pin x2, DVI-D (with HDCP) x1
Stereo Mini jack (3.5 mm) x1	Stereo Mini jack (3.5 mm) x1	Stereo Mini jack (3.5 mm) x1	Stereo Mini jack (3.5 mm) x1	Stereo Mini jack (3.5 mm) x1	Stereo Mini jack (3.5 mm) x1	Stereo Mini jack (3.5 mm) 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, DC output 5V 1.5A (max)	Mini D-sub 15 pin x1, DC output 5V 1.5A (max)
RS232C; D-sub (9 pin) x1 terminal for page up/down	RS232C; Mini DIN (8 pin) x1, LAN; RJ-45 x1 (projector control)	RS232C; Mini DIN (8 pin) x1, LAN; RJ-45 x1 (projector control)	RS232C; Mini DIN (8 pin) x1, LAN; RJ-45 x1 (projector control)	LAN (RJ-45) x1, RS-232C; D-Sub 9 pin x1, USB for mouse control	LAN (RJ-45) x1, RS232C; D-Sub 9 pin x1, USB (mouse control)	LAN (RJ-45) x1, RS232C; D-Sub 9 pin x1, USB (mouse control)
VGA, SVGA, XGA, SXGA	VGA, SVGA, XGA, SXGA	VGA, SVGA, XGA, WXGA, SXGA	VGA, SVGA, XGA, WXGA, SXGA, Full HD	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, FHD	VGA, SVGA, XGA, SXGA, UXGA	VGA, SVGA, XGA, SXGA, UXGA
NTSC / NTSC 4.43 / PAL (including L-M, N) / SECAM / PAL-60	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60	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 60 Hz), 1080i (1125i 50 Hz)	Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p), 1080i (1125i 60 Hz), 1080i (1125i 50 Hz)	Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p), 1080i (1125i 60 Hz), 1080i (1125i 50 Hz)	Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p), 1080i (1125i 60 Hz), 1080i (1125i 50 Hz)	Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p), 1080i (1125i 60 Hz), 1080i (1125i 50 Hz), SCART (RGB +1V Sync)	Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), SCART (RGB +1V Sync)	Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), SCART (RGB +1V Sync)
332 x 102 x 250 mm	345 x 129 x 270 mm	345 x 129 x 270 mm	345 x 129 x 270 mm	333 x 125 x 272 mm	333 x 113 x 272 mm	333 x 113 x 272 mm
4000 hours*	5000 hours*	5000 hours*	5000 hours*	5000 hours*	5000 hours*	4000 hours*
Remote control, Power cord, VGA cable, Composite cable, Manual on CD rom, Quick Start Guide, Lens cap, Soft carry bag	Remote control, Power cord, VGA cable, Manual on CD rom, Safety manual, Quick Start Guide, Lens cap, Soft carry bag	Remote control, Power cord, VGA cable, Manual on CD rom, Safety manual, Quick Start Guide, Lens cap, Soft carry bag	Remote control, Power cord, VGA cable, Manual on CD rom, Safety manual, Quick Start Guide, Lens cap, Soft carry bag	Remote control, Power cord, RGB cable, USB cable, RS232C cable, AV cable, Manual on CD rom, Safety manual, Quick start guide, Lamp replacement tray	Remote control, Power cord, AV cable, RGB cable, USB cable, RS232C cable, Manual on CD rom, Safety manual, Quick start guide	Remote control, Power cord, AV cable, RGB cable, USB cable, RS232C cable, Manual on CD rom, Safety manual, Quick start guide
VLT-XD510LP / Top	VLT-XD600LP / Top	VLT-XD600LP / Top	VLT-XD600LP / Top	VLT-XL650LP / Side	VLT-XL550LP / Side	VLT-XL650LP / Side
No	No	No	No	Yes	Yes	Yes
No	No	No	No	Yes	No	No
No	No	No	No	No	No	No
No	No	No	No	No	No	No
Yes	Yes	Yes	Yes	No	No	No
No	No	No	No	Yes (via PLink)	Yes (via PLink)	Yes (via PLink)
Projector: 3 year Lamp in new projector: 1000 hours/12 months	Projector: 3 year Lamp in new projector: 1000 hours/12 months	Projector: 3 year Lamp in new projector: 1000 hours/12 months	Projector: 3 year Lamp in new projector: 1000 hours/12 months	Projector: 3 year Lamp in new projector: 1000 hours/12 months	Projector: 3 year Lamp in new projector: 1000 hours/12 months	Projector: 3 year Lamp in new projector: 1000 hours/12 months

**WIDE SCREEN INSTALL**

						
	<b>XD3200U</b>	<b>XL6600U</b>	<b>WL2650U</b>	<b>WD3300</b>	<b>WL6700U</b>	<b>FL7000</b>
	1024 x 768 (XGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1366 x 800 (WXGA)	1920 x 1080 (HD)
	4:3 (16:9 available)	4:3 (16:9 available)	16:10 (4:3 available)	16:10 (4:3 available)	17:10 (4:3 available)	16:9 (4:3 available)
	4500	6000	3500	4000	5000	5000
	10.3 kg	9.8 kg	4.7 kg	10.3 kg	9.8 kg	9.8 kg
	2500:1	1000:1	600:1	2300:1	1000:1	1000:1
	DLP™ (BrilliantColour™)	3-LCD	3-LCD	DLP™ (BrilliantColour™)	3-LCD	3-LCD
	5 segment	-	-	5 segment	-	-
	No	No	Yes	Yes	Yes	Full HD
	26 dB*	29 dB*	29 dB*	26 dB*	29 dB*	29 dB*
	±35° V / ±25° H	±35° V / ±25° H	±35° V / ±25° H	±35° V / ±25° H	±35° V / ±25° H	+ 13.5 / - 14.5 V
	15 - 100	15 - 100	15 - 100	15 - 100	15 - 100	15 - 100
	50 - 95	50 - 120	50 - 120	50 - 95	50 - 120	50 - 120
	Motorised	Motorised	Manual Control	Motorised	Motorised	Motorised
	1.7 ~ 2.4 : 1	1.9 ~ 2.4 : 1	1.5 ~ 1.8 : 1	1.7 ~ 2.4 : 1	1.9 ~ 2.3 : 1	2.0 ~ 2.6 : 1
	10 W mono	10 W mono	3 W mono	10 W mono	10 W mono	10 W mono
Video	HDMI x1, RCA x1 or BNC x1, S-video (4 pin) x1 or S-video Y/C (BNC) x1	RCA x1 or BNC x1, BNC (Y, C) x1 or S-video x1	S-video x1, RCA x1	HDMI x1, RCA x1 or BNC x1, S-video (4 pin) x1 or S-video Y/C (BNC) x1	RCA x1 or BNC x1, BNC (Y, C) x1 or S-video x1	RCA x1 or BNC x1, BNC (Y, C) x1 or S-video x1
Audio	Stereo Mini jack (3.5 mm) x3, RCA (L/R) x2	Stereo mini jack (3.5 mm) x2, RCA (L/R) x2	Stereo Mini jack (3.5 mm) x2, RCA (L/R) x2	Stereo Mini jack (3.5 mm) x3, RCA (L/R) x2	Stereo mini jack (3.5 mm) x2, RCA (L/R) x2	Stereo mini jack (3.5 mm) x2, RCA (L/R) x2
Control	Mini D-sub 15 pin x1, 5 BNC (Y, C) x1 DVI-D (with HDCP) x1	5 BNC x1, Mini D-Sub (15 pin) x1, DVI-D (with HDCP) x1	Mini D-sub 15 pin x2, DVI-D (with HDCP) x1	Mini D-sub 15 pin x1, 5 BNC (Y, C) x1 DVI-D (with HDCP) x1	5 BNC x1, Mini D-Sub (15 pin) x1, DVI-D (with HDCP) x1	5 BNC x1, Mini D-Sub (15 pin) x1, DVI-D (with HDCP) x1
Remote	Stereo Mini jack (3.5 mm) x1	Stereo mini jack (3.5 mm) x1	Stereo Mini jack (3.5 mm) x1	Stereo Mini jack (3.5 mm) x1	Stereo mini jack (3.5 mm) x1	Stereo mini jack (3.5 mm) x1
Power	Mini D-sub 15 pin x1, DC output 5V 1.5A (max)	Mini D-Sub (15 pin) x1	Mini D-sub 15 pin x1	Mini D-sub 15 pin x1, DC output 5V 1.5A (max)	Mini D-Sub (15 pin) x1	Mini D-Sub (15 pin) x1
Ports	LAN (RJ-45) x1, RS232C; D-Sub (9 pin) x1, USB x1 (mouse control), Wired remote in/out	LAN (RJ-45) x1, RS232C; D-Sub (9 pin) x1, USB (mouse control), Wired remote in/out	LAN (RJ-45) x1, RS232C; D-sub (9 pin) x1, USB (mouse control)	LAN (RJ-45) x1, RS232C; D-Sub (9 pin) x1, USB x1 (mouse control), Wired remote in/out	LAN (RJ-45) x1, RS232C; D-Sub (9 pin) x1, USB (mouse control), Wired remote in/out	LAN (RJ-45) x1, RS232C; D-Sub (9 pin) x1, USB (mouse control), Wired remote in/out
Resolution	VGA, SVGA, XGA, SXGA NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60	VGA, SVGA, XGA, SXGA, UXGA NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60	VGA, SVGA, XGA, WXGA, SXGA, up to Full HD NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60	VGA, SVGA, XGA, WXGA, SXGA, up to Full HD NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60	VGA, SVGA, XGA, SXGA, UXGA NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60	VGA, SVGA, XGA, WXGA, SXGA, UXGA, Full HD NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60
Video Modes	Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), 1080p (1150p 50/60 Hz), SCART (RGB +1V Sync)	Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), 1080p (1125i 50/60 Hz), SCART (RGB +1V Sync)	Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), 1080p (1125p 50/60 Hz), SCART (RGB +1V Sync)	Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), 1080p (1150p 50/60 Hz), SCART (RGB +1V Sync)	Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), 1080p (1125i 50/60 Hz), SCART (RGB +1V Sync)	Component Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60 Hz), 1080i (1125i 50/60 Hz), 1080p (1125i 50/60 Hz), SCART (RGB +1V Sync)
Dimensions	450 x 187 x 468 mm (including terminal cover)	443 x 207 x 434 mm (including terminal cover)	333 x 113 x 272 mm	450 x 187 x 468 mm (including terminal cover)	443 x 207 x 434 mm (including terminal cover)	443 x 207 x 434 mm (including terminal cover)
Lifespan	4000 hours *	4000 hour *	4000 hours *	4000 hours *	4000 hour *	4000 hours *
Accessories	Remote control, Power cord, RGB cable, RS232C cable, Terminal cover, Manual on CD rom, Safety manual, Quick start guide	Remote control, Power cord, AV cable, RGB cable, RS232C cable, Terminal cover, Manual on CD rom, Safety manual, Quick start guide, Safety pin for Anti Theft alarm x2, Filter	Remote control, Power cord, AV cable, RGB cable, RS232C cable, Manual on CD rom, Safety manual, Lamp replacement tray	Remote control, Power cord, RGB cable, RS232C cable, Terminal cover, Manual on CD rom, Safety manual, Quick start guide	Remote control, Power cord, AV cable, RGB cable, RS232C cable, Manual on CD rom, Safety manual, Quick start guide, Safety pin for Anti Theft alarm x2, Filter	Remote control, Power cord, AV cable, RGB cable, RS232C cable, Terminal cover, Manual on CD rom, Safety manual, Quick start guide, Safety pin for Anti Theft alarm x2, Filter
Mounting	VLT-XD3200LP / Side	VLT-XL6600LP / Underside	VLT-XL650LP / Side	VLT-XD3200LP / Side	VLT-XL6600LP / Underside	VLT-XL6600LP / Underside
Connectivity	Yes	Yes	Yes	Yes	Yes	Yes
Optional	Yes	No	No	No	No	No
Optional	No	No	No	Optional	No	No
Optional	No	No	No	No	No	No
Optional	Yes (via PjLink)	Yes (via PjLink)	Yes (via PjLink)	Yes (via PjLink)	Yes (via PjLink)	Yes (via PjLink)
Warranty	Projector: 3 year Lamp in new projector: 1000 hours/12 months	Projector: 3 year Lamp in new projector: 1000 hours/12 months	Projector: 3 year Lamp in new projector: 1000 hours/12 months	Projector: 3 year Lamp in new projector: 1000 hours/12 months	Projector: 3 year Lamp in new projector: 1000 hours/12 months	Projector: 3 year Lamp in new projector: 1000 hours/12 months







# lens options

XL1550U / XL2550U / WL2650U / HL2750U / MH2850U					
		 1)			 2)
	Standard lens *	OL-XL2550SZ short throw zoom	OL-XL2550LZ long throw zoom	OL-XL2550TZ tele zoom	OL-XL2550MZ ** short throw zoom
<b>Focal length (mm)</b>	NOTES	24 - 29	32 - 48	48 - 74	29 - 37
<b>Throw ratio (XL, HL &amp; MH models)</b>	1) OL-XL2550SZ is fitted as standard in WL2650U, HL2750U and MH2850U. 2) OL-XL2550MZ is fitted as standard in XL1550U and XL2550U.	1.5 ~ 1.8 : 1	2.0 ~ 3.0 : 1	3.0 ~ 4.6 : 1	1.8 ~ 2.3 : 1
<b>Throw ratio (WL model)</b>		1.5 ~ 1.8 : 1	2.0 ~ 3.0 : 1	2.9 ~ 4.5 : 1	1.8 ~ 2.3 : 1
<b>Length (mm)</b>		115	180	170	129
<b>Lens size (mm)</b>		69	73	73	69
<b>Zoom / Focus</b>		Zoom / Manual	Zoom / Manual	Zoom / Manual	Zoom / Manual

WD3300 / XD3200U					
		 3)			
	Standard lens *	OL-XD2000FR rear projection	OL-XD2000SZ short throw zoom adaptor	OL-XD2000LZ long throw zoom adaptor	OL-XD2000TZ long throw zoom
<b>Focal length (mm)</b>	24.5 - 33.1	11.5	19.6 - 26.5	32.4 - 40.5	40.7 - 65.1
<b>Throw ratio (WD models)</b>	1.7 ~ 2.4 : 1	0.8 : 1	1.4 ~ 1.9 : 1	2.3 ~ 2.9 : 1	2.9 ~ 4.8 : 1
<b>Throw ratio (XD models)</b>	1.7 ~ 2.4 : 1	0.8 : 1	1.4 ~ 1.9 : 1	2.3 ~ 2.9 : 1	2.9 ~ 4.7 : 1
<b>Length (mm)</b>	-	144	84	89	143
<b>Lens size (mm)</b>	-	92	134	145	92
<b>Zoom / Focus</b>	Zoom / Motorised	No zoom / Motorised	Zoom / Motorised	Zoom / Motorised	Zoom / Motorised

FL7000 / WL6700U / XL6500U / XL6600U					
		 3)			
	Standard lens *	OL-X500FR rear projection	OL-X500SZ short throw zoom	OL-X500LZ long throw zoom	OL-X500TZ long throw zoom
<b>Focal length (mm)</b>	51 - 64	22	37 - 44	64 - 90	93 - 140
<b>Throw ratio (FL &amp; WL models)</b>	2.0 ~ 2.5 : 1	0.9 : 1	1.4 ~ 1.7 : 1	2.5 ~ 3.5 : 1	3.7 ~ 5.5 : 1
<b>Throw ratio (XL models)</b>	1.9 ~ 2.4 : 1	0.8 : 1	1.3 ~ 1.6 : 1	2.4 ~ 3.3 : 1	3.5 ~ 5.2 : 1
<b>Length (mm)</b>	-	168.8 - 173.5	175.2 - 176.8	195.9 - 201.4	197.3 - 204.8
<b>Lens size (mm)</b>	-	123.6	84	84	84
<b>Zoom / Focus</b>	Zoom / Motorised	No zoom / Manual	Zoom / Motorised	Zoom / Manual	Zoom / Manual

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

LCD PUBLIC DISPLAYS							
							
		<b>LDT322V</b>	<b>LDT421V2</b>	<b>MDT421S</b>	<b>LDT461V2</b>	<b>MDT521S</b>	<b>LDT651P</b>
<b>Screen size (diagonal)</b>		32 inch	42 inch	42 inch	46 inch	52 inch	65 inch
<b>Resolution</b>		1366 x 768 (WXGA)	1366 x 768 (WXGA)	1920 x 1080 (FHD)	1920 x 1080 (FHD)	1920 x 1080 (FHD)	1080 x 1920 (FHD)
<b>Format / Positioning</b>		16:9, Landscape/Portrait	16:9, Landscape/Portrait	16:9, Landscape/Portrait	16:9, Landscape/Portrait	16:9, Landscape/Portrait/Face up	16:9, Portrait
<b>Brightness</b>		450 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>
<b>Weight (net)</b>		14.5 kg without stand	27.4 kg with stand 26 kg without stand	24 kg without stand	28 kg without stand	40 kg without stand	66 kg without stand
<b>Contrast ratio</b>		2500:1	1600:1	1100:1	4000:1	2000:1	2000:1
<b>Technology</b>		LCD	LCD	LCD	LCD	LCD	LCD
<b>Response speed (GTG)</b>		6.5 ms	9 ms	9 ms	8 ms	8 ms	6 ms
<b>HD Ready</b>		Yes (720p)	Yes (720p)	Yes (1080p)	Yes (1080p)	Yes (1080p)	Yes (1080p)
<b>Speakers</b>		7W + 7W	7W + 7W	7W + 7W	7W + 7W	7W + 7W	-
<b>Input / Output</b>	<b>Video input</b>	BNC x1, RCA x1, S-Video x1	BNC x1, RCA x1, S-Video x1	BNC x1, RCA x1, S-video x1	BNC x1, RCA x1, S-Video x1	BNC x1, RCA x1, S-video x1	BNC; Y/Pb/Pr x1, BNC x1, DVI-D x1
	<b>Audio input</b>	RCA L/R x2, Stereo mini jack x1	RCA L/R x2, Stereo mini jack x1	RCA L/R x2, Stereo mini jack x1	RCA L/R x2, Stereo mini jack x1	RCA L/R x2, Stereo mini jack x1	RCA L/R x1, Stereo mini jack x1
	<b>RGB input</b>	DVI-D x1, Mini D-sub 15 pin x1, BNC; R/G/B/H/V x1	HDMI (with digital audio support) x1, Mini D-sub 15 pin x1, BNC; R/G/B/H/V x1	HDMI (with digital audio support) x1, BNC (R/G/B/H/V) x1, DVI-D x1, Mini D-sub 15 pin x1 (Option: CAT5 x1)	HDMI (with digital audio support) x2, Mini D-sub 15 pin x1, BNC; R/G/B/H/V x1	HDMI (with digital audio support) x1, BNC (R/G/B/H/V) x1, DVI-D x1, Mini D-sub 15 pin x1, CAT5 x1	DVI-D x1, Mini D-sub 15 pin x1, BNC; R/G/B/H/V x1
	<b>Video output</b>	BNC x1	BNC x1	BNC x1	BNC x1	BNC x1	-
	<b>Audio output</b>	RCA pin jack L/R x1	RCA pin jack L/R x1	RCA pin jack L/R x1	RCA pin jack L/R x1	RCA pin jack L/R x1	RCA pin jack L/R x1
	<b>RGB output</b>	Mini D-sub 15 pin x1	Mini D-sub 15 pin x1	Mini D-sub 15 pin x1 (Option: CAT5 x1)	Mini D-sub 15 pin x1	CAT5 x1, Mini D-sub 15 pin x1	DVI-D x1
<b>Communication</b>		RS232C; Mini D-sub 9 pin x1	RS232C; Mini D-sub 9 pin x2 (in/out)	RS232C; Mini D-sub 9 pin x2 (in/out), (Option: CAT5 x2 (in/out))	RS232C; Mini D-sub 9 pin x2 (in/out)	RS232C; Mini D-sub 9 pin x2 (in/out), CAT5 x2 (in/out)	RS232C; Mini D-sub 9 pin x2 (in/out)
<b>Input</b>	<b>RGB input compatibility</b>	VGA, SVGA, XGA, WXGA, SXGA, UXGA	VGA, SVGA, XGA, WXGA, SXGA, UXGA	VGA, SVGA, XGA, WXGA, SXGA, UXGA, WUXGA, 1080p	VGA, SVGA, XGA, WXGA, SXGA, UXGA, WUXGA, 1080p	VGA, SVGA, XGA, WXGA, SXGA, UXGA, WUXGA, 1080p	VGA, SVGA, XGA, WXGA, SXGA, UXGA, WUXGA, 1080p
<b>Signals</b>	<b>Video input compatibility</b>	NTSC / NTSC 4.43 / PAL / PAL 60 / SECAM Component Video: 480i, 480p, 720p, 1080i	NTSC / NTSC 4.43 / PAL / PAL 60 / SECAM Component Video: 480i, 480p, 720p, 1080i	NTSC / NTSC 4.43 / PAL / PAL 60 / SECAM Component Video: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p	NTSC / NTSC 4.43 / PAL / PAL 60 / SECAM Component Video: 480i, 480p, 720p, 1080i, 1080p	NTSC / NTSC 4.43 / PAL / PAL 60 / SECAM Component Video: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p	NTSC / NTSC 4.43 / PAL / PAL 60 / SECAM Component Video: 480i, 480p, 720p, 1080i, 1080p
<b>Dimensions with the stand (WxHxD)</b>		-	1022 x 643.3 x 386 mm	-	1122 x 703.1 x 404.7 mm	-	-
<b>Dimensions without the stand (WxHxD)</b>		789 x 476.3 x 133 mm	1022 x 612 x 126.8 mm	966 x 559 x 116 mm	1122 x 663 x 136.3 mm	1202 x 698 x 122 mm	923 x 1572 x 150 mm
<b>Standard accessories</b>		Remote control, Power cord, VGA cable, User manual, Clamper x2, Screw x2, Cable holder, Main switch cover (incl screws)	Remote control, Power cord, VGA cable, User manual, Clamper (incl screw), Main switch cover (incl screw), Band, Cable holder, Stand (incl screw)	Remote control, Power cord, VGA cable, User manual, CD-rom, Clamper (incl screw) (Option: CAT5 kit DP-1CA5)	Remote control, Power cord, VGA cable, User manual, Band, Clamper (incl screw), Main switch cover (incl screw), Cable holder	Remote control, Power cord, VGA cable, User manual, CD-rom, Clamper (incl screw), CAT5 Tx Box	Remote control, Power cord, User manual, CD-rom, Stand hole protection cover x2
<b>Optional accessories</b>		SP321V speakers, ST321V stands	SP421V speakers	SP421S speakers, ST421S stands	SP461V speakers, ST461V stands	SP521S speakers, ST521S stands	-
<b>Speaker dimensions (WxHxD mm)</b>		75 x 545.8 x 83 mm	95 x 612 x 72.1 mm	N/A	95 x 663 x 81.6 mm	N/A	-
<b>Warranty</b>		3 year	3 year	3 year	3 year	3 year	3 year

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