Shenzhen SMX Display Technology Co.,Ltd

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Ultra Short Throw Laser Projector 3800-4500 Lumen

Main Specification					
	Model No.	MX-WPL3800W	MX-WPL4200W	MX-WPL4000U	MX-WPL4500U
	Resolution	WXGA	WXGA	WUXGA	WUXGA
	Brightness Lumen	3800	4200	4000	4500
	Photo				
Overall Spec					
Panel	Display Panel	3x0.59" with MLA	3x0.64" with MLA	3x0.64" with MLA	3x0.64" with MLA
	Display Technology	Liquid Crystal Display	Liquid Crystal Display	Liquid Crystal Display	Liquid Crystal Display
	Native Resolution	WXGA (1280 x 800)	WXGA (1280 x 800)	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)
Light source Life time	FullNormal/Normal mode	20000hrs	20000hrs	20000hrs	20000hrs
	ECO1 mode	30000hrs	30000hrs	30000hrs	30000hrs
	ECO2 mode	30000hrs	30000hrs	30000hrs	30000hrs
Projection Lens	Lens Vendor	RICOH Lens	RICOH Lens	RICOH Lens	RICOH Lens
	F	1.7	1.7	1.7	1.7
	f	2.94mm	2.94mm	2.94mm	2.94mm
	Zoom/Focus	Manual	Manual	Manual	Manual
	Throw Ratio	0.254:1	0.235:1	0.235:1	0.235:1
	Screen size	80-120 inch	80-120 inch	80-120 inch	80-120 inch
CR	Dynamic Contrast Ratio	5,000,000:1	5,000,000:1	5,000,000:1	5,000,000:1
Noise	Noise(dB)	37dB(Normal) 30dB(ECO1) 28dB(ECO2)	37dB(Normal) 30dB(ECO1) 28dB(ECO2)	37dB(Normal) 30dB(ECO1) 28dB(ECO2)	37dB(Normal) 30dB(ECO1) 28dB(ECO2)

Uniformity	Uniformity	80%	80%	80%	80%
AR	Aspect Ratio	Native:16:10 Compatible: 4:3/16:9	Native:16:10 Compatible: 4:3/16:9	Native:16:10 Compatible: 4:3/16:9	Native:16:10 Compatible: 4:3/16:9
Terminal(I/O port)					
Input	VGA	*1	*1	*1	*1
	HDMI	*2	*2	*2	*2
	Audio in (mini jack,3.5mm)	*1	*1	*1	*1
	USB-A	*1	*1	*1	*1
	USB-B	*1(Display)	*1(Display)	*1(Display)	*1(Display)
	RJ45	*1(Display)	*1(Display)	*1(Display)	*1(Display)
Output	VGA	*1	*1	*1	*1
	Audio out (mini-jack,3.5mm)	*1	*1	*1	*1
Control	RS232	*1	*1	*1	*1
	RJ45	*1 (Control)	*1 (Control)	*1 (Control)	*1 (Control)
General Spec					
Audio	Speaker	16W*1	16W*1	16W*1	16W*1
Dust filter		W/Filter	W/Filter	W/Filter	W/Filter
Filter Life time		7000h	7000h	7000h	7000h
Power Consumption	Power Requeirements	100~240V@ 50/60Hz	100~240V@ 50/60Hz	100~240V@ 50/60Hz	100~240V@ 50/60Hz
	Power Consumption (Normal) (Max)	260	260	270	270
	Power Consumption (ECO1) (Max)	170	170	180	180
	Power Consumption (ECO2) (Max)	150	150	160	160
	ECO Standby Mode Power Consumption	<0.5W	<0.5W	<0.5W	<0.5W
Temp.&Humidity	Operating Temp.	0 to 40°C	0 to 40°C	0 to 40°C	0 to 40°C
	Operating Thumidity.	20-80%	20-80%	20-80%	20-80%
	Storage Temp.	-10 to 50°C	-10 to 50°C	-10 to 50°C	-10 to 50°C
	Storage Thumidity.	10-85%	10-85%	10-85%	10-85%
	High altitude	0-3000m	0-3000m	0-3000m	0-3000m

Other Functions					
Keystone	Keystone Correction （Lens@center)	V: ±5° H: ±5° 4 corner	V: ±5° H: ±5° 4 corner	V: ±5° H: ±5° Pincushion/Barrel Correction 4 corner 6 Corner Geometry correction Grid image tune	V: ±5° H: ±5° Pincushion/Barrel Correction 4 corner 6 Corner Geometry correction Grid image tune
OSD	Languages	26 languages: English, German, French, Italian, Spanish, Polish, Swedish, Dutch ,Portugese, Japanese, Simplified Chinese, Traditional Chinese, Korean, Russian, Arabic, Turkish, Finnish, Norwegian, Danish, Indonesian, Hungarian, Czech, Kazak,Vietnamese,Thai, Farsi	26 languages: English, German, French, Italian, Spanish, Polish, Swedish, Dutch ,Portugese, Japanese, Simplified Chinese, Traditional Chinese, Korean, Russian, Arabic, Turkish, Finnish, Norwegian, Danish, Indonesian, Hungarian, Czech, Kazak,Vietnamese,Thai, Farsi	26 languages: English, German, French, Italian, Spanish, Polish, Swedish, Dutch ,Portugese, Japanese, Simplified Chinese, Traditional Chinese, Korean, Russian, Arabic, Turkish, Finnish, Norwegian, Danish, Indonesian, Hungarian, Czech, Kazak,Vietnamese,Thai, Farsi	26 languages: English, German, French, Italian, Spanish, Polish, Swedish, Dutch ,Portugese, Japanese, Simplified Chinese, Traditional Chinese, Korean, Russian, Arabic, Turkish, Finnish, Norwegian, Danish, Indonesian, Hungarian, Czech, Kazak,Vietnamese,Thai, Farsi
LAN Control	LAN Control-RoomView (Crestron)	Yes	Yes	Yes	Yes
	LAN Control-- AMX Discovery	Yes	Yes	Yes	Yes
	LAN Control-- PJ Link	Yes	Yes	Yes	Yes
Scanning Frequency	H-Synch Range	15~100KHz	15~100KHz	15~100KHz	15~100KHz
	V-Synch Range	24~85Hz	24~85Hz	24~85Hz	24~85Hz
Display Resolution	Computer Signal Input	VGA, SVGA, XGA, SXGA, WXGA,UXGA,WUXGA,4K@30Hz	VGA, SVGA, XGA, SXGA, WXGA,UXGA,WUXGA,4K@30Hz	VGA, SVGA, XGA, SXGA, WXGA,UXGA,WUXGA,4K@30Hz	VGA, SVGA, XGA, SXGA, WXGA,UXGA,WUXGA,4K@30Hz
	Video Signal Input	480i, 480p, 576i, 576p, 720p, 1080i and 1080p	480i, 480p, 576i, 576p, 720p, 1080i and 1080p	480i, 480p, 576i, 576p, 720p, 1080i and 1080p	480i, 480p, 576i, 576p, 720p, 1080i and 1080p
SW setting	Auto Setup	INPUT SEARCH,AUTO PC	INPUT SEARCH,AUTO PC	INPUT SEARCH,AUTO PC	INPUT SEARCH,AUTO PC
	Blank	Yes	Yes	Yes	Yes
	Suspend	Yes(5miniutes no singnal as default)	Yes(5miniutes no singnal as default)	Yes(5miniutes no singnal as default)	Yes(5miniutes no singnal as default)
	Picture mode	Dynamic,Standard,Cinema, Colorboard,Blackboard(Green)	Dynamic,Standard,Cinema, Colorboard,Blackboard(Green)	Dynamic,Standard,Cinema, Colorboard,Blackboard(Green)	Dynamic,Standard,Cinema, Colorboard,Blackboard(Green)
	Cooling time	5s	5s	5s	5s
	Closed caption	Yes	Yes	Yes	Yes
	Auto Ceiling	Yes	Yes	Yes	Yes
	D-Zoom	1~19	1~19	1~19	1~19
Others	360° projection	Yes	Yes	Yes	Yes

Dimension&Weight					
	MAX Dimensions (WxDxH mm)	470*410*166	470*410*166	470*410*166	470*410*166
	Net. Weight (KG)	~8.5KG	~8.5KG	~8.5KG	~8.5KG
	Packing Size (WxDxH mm)	612*533*274	612*533*274	612*533*274	612*533*274
	Gross. Weight (KG)	~11KG	~11KG	~11KG	~11KG
Accessory					
	Manual Languages	Chinese,English	Chinese,English	Chinese,English	Chinese,English
	Standard Accessaries	Power cord,Remote control,HDMI Cable	Power cord,Remote control,HDMI Cable	Power cord,Remote control, HDMI Cable	Power cord,Remote control, HDMI Cable