

Panasonic Projector
Feature Comparison Chart

		Large Venue													
		PT-RQ50K	PT-RQ35K	PT-RZ34K	PT-RQ32K	PT-RZ31K	PT-RS30K	PT-RQ22K	PT-RZ21K	PT-RS20K	PT-RZ16K	PT-RQ13K	PT-RZ12K	PT-RS11K	
Basic	1	Light Output (lm)	50,000	30,500	30,500	26,000	30,000	30,000	20,000	20,000	20,000	16,000	10,000	12,000	12,000
	2	Device	3DLP	3DLP	3DLP	3DLP	3DLP	3DLP	3DLP	3DLP	3DLP	3DLP	3DLP	3DLP	3DLP
	3	Resolution	4K Native	4K	WUXGA	4K+	WUXGA	SXGA+	4K+	WUXGA	SXGA+	WUXGA	4K+	WUXGA	SXGA+
	4	Pixels	4098 x 2160	3840 x 2400	1920 x 1200	5120 x 3200	1920 x 1200	1400 x 1050	5120 x 3200	1920 x 1200	1400 x 1050	1920 x 1200	5120 x 3200	1920 x 1200	1400 x 1050
	5	Screen Aspect	17:9	16:10	16:10	16:10	16:10	4:3	16:10	16:10	4:3	16:10	16:10	16:10	4:3
Image Quality	6	Quad Pixel Drive / Smooth Pixel Drive	-	Quad	-	Quad	-	Quad	-	Quad	-	Quad	-	Quad	
	7	Real Motion Processor	-	-	-	-	-	-	-	-	-	-	-	-	
	8	Refresh Rate	120 Hz	240 Hz	120 Hz	240 Hz	120 Hz	120 Hz	240 Hz	120 Hz	120 Hz	240 Hz	120 Hz	120 Hz	
	9	Dynamic Contrast	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	10	Laser Light Shutter	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	11	Dynamic Iris	-	-	-	-	-	-	-	-	-	-	-	-	
	12	Detail Clarity Processor 5+	✓	✓	-	✓	-	-	✓	-	-	-	✓	-	
	13	Detail Clarity Processor 5	-	-	✓	-	✓	✓	-	✓	✓	-	-	✓	
	14	Detail Clarity Processor 4	-	-	-	-	-	-	-	-	-	-	-	-	
	15	Detail Clarity Processor 3	-	-	-	-	-	-	-	-	-	-	-	-	
	16	System Daylight View 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	17	System Daylight View 2	-	-	-	-	-	-	-	-	-	-	-	-	
	18	Daylight View Basic	-	-	-	-	-	-	-	-	-	-	-	-	
	19	Daylight View Light	-	-	-	-	-	-	-	-	-	-	-	-	
	20	Supports 4K Input Signals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	21	BT.2020 Emulation and HDR	✓ BT.2100	✓ BT.2100	✓ BT.2100	✓	✓	✓	✓	✓ BT.2100	✓ BT.2100	✓	✓	✓	✓
	22	Auto Gamma and Color-Space Select	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	23	Rec. 709 Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
24	DICOM Simulation Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
25	Waveform Monitor Function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
26	Active 3D Projection	-	-	✓	-	✓	✓	-	✓	✓	✓	-	✓		
27	3D Single Passive	-	-	-	-	-	-	-	-	-	-	-	-		
28	3D Dual Passive	✓	✓*1	✓*1	-	✓	✓	-	✓	✓	✓	✓	✓		
Installation Flexibility	29	Fade In/Fade Out Function	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	
	30	Mechanical Shutter	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	31	Lens Shift Motor Driven	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	32	Lens Shift Manual	-	-	-	-	-	-	-	-	-	-	-	-	
	33	Lens	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	OP	
	34	Ultra Short Throw Lens Capability	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	35	Fish-eye Lens Capability	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	36	Active Focus Optimizer (AFO)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	37	Free 360-degree Installation / 2-axis 360° Front and Side Installation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	38	Built-in Geometric Adjustment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	39	Preactivated Upgrade Kits for Geometry Manager Pro	✓	✓	✓	-	-	-	-	-	-	-	-	-	
	40	Geometry Manager Pro Software with Optional Upgrade Kits	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	41	Free Grid Function via Remote Control	✓	✓	✓	-	-	-	✓	✓	✓	✓	-	-	
	42	Screen Adjustment for Specially Shaped Screens	-	-	-	-	-	-	-	-	-	-	-	-	
	43	Curved Screen Correction	-	-	-	-	-	-	-	-	-	-	-	-	
	44	Corner Keystone & Keystone	-	-	-	-	-	-	-	-	-	-	-	-	
	45	6-Point Screen Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	
	46	Digital Zoom Extender	-	-	-	-	-	-	-	-	-	-	-	-	
	47	Multi-screen Support System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	48	Multi-Unit Brightness and Color Control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	49	Lens-Centered Design	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	50	Electric Convergence Adjustment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	51	Frame-Delay Adjustment for Multi-Projection	✓	✓	✓	-	-	-	✓	✓	✓	✓	-	-	
	52	Quick Start & Quick Off	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	53	Direct Power Off	-	-	-	-	-	-	-	-	-	-	-	-	
	54	Data-cloning function	✓	✓	✓	-	-	-	✓	✓	✓	✓	-	-	
	55	Expansion SLOT(SLOT NX)	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	✓(2)	✓	✓	✓	✓(2)	-	
	56	SDI Terminal	✓	✓*2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	57	HDMI Terminal	✓*3	✓	✓	✓*3	✓	✓	✓*3	✓	✓	✓	✓	✓	
	58	CEC Command-Compatible HDMI® Inputs	-	-	-	-	-	-	-	-	-	-	-	-	
59	DIGITAL LINK	✓(4K)	✓(4K)	✓	✓(4K)	✓	✓	✓(4K)	✓	✓	✓	✓(4K)	✓		
60	Crestron Connected™, AMX DD™, Extron® XTP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
61	Art-Net DMX	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
62	PJLink™ Compatible	CLASS2	CLASS2	CLASS2	CLASS1	CLASS1	CLASS1	CLASS2	CLASS2	CLASS2	CLASS2	CLASS1	CLASS1		
Reliability	63	Light Source (SOLID SHINE Laser / LED / Lamp)	SOLID SHINE (R/B)	SOLID SHINE (R/B)	SOLID SHINE (R/B)	SOLID SHINE (B)	SOLID SHINE (B)	SOLID SHINE (B)	SOLID SHINE (B)	SOLID SHINE (B)	SOLID SHINE (B)	SOLID SHINE (B)	SOLID SHINE (B)	SOLID SHINE (B)	
	64	Laser Classification Laser Class USA and Canada (IEC 60825-1:2007)	Class 1	Class 1	Class 1	Class 3R	Class 3R	Class 3R	Class 3R	Class 3R	Class 3R	Class 3R	Class 3R	Class 3R	
	65	Other Countries or regions (IEC/EN 60825-1:2014)	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	
	66	Risk Group (IEC 62471-5:2015)	Risk Group 3	Risk Group 3	Risk Group 3	Risk Group 3	Risk Group 3	Risk Group 3	Risk Group 3	Risk Group 3	Risk Group 3	Risk Group 3	Risk Group 2, 3	Risk Group 2, 3	
	67	24/7 Continuous Operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	68	Multi-Laser Drive Engine	✓ (Dual)	✓	✓	✓ (Dual)	✓ (Dual)	✓ (Dual)	✓ (Dual)	✓ (Dual)	✓ (Dual)	✓ (Dual)	✓ (Dual)	✓ (Dual)	
	69	Filterless Design	✓	✓	✓	-	-	-	✓	✓	✓	✓	-	-	
	70	Hermetically Shielded Optics (DMD)	✓	✓	✓	-	-	-	✓	✓	✓	✓	-	-	
	71	Liquid Cooling System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	72	Operating Temperature (50°C)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	73	Operating Temperature (45°C)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	74	Information Monitor	✓	✓	✓	-	-	-	-	-	-	-	-	-	
	75	Backup Input	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Convenient	76	4-Input Multi Display Function	-	-	-	-	-	-	-	-	-	-	-	
		77	Interactive	-	-	-	-	-	-	-	-	-	-	-	
78		Auto Input-Signal Search	-	-	-	-	-	-	-	-	-	-	-		
79		Built-in Speaker	-	-	-	-	-	-	-	-	-	-	-		
80		Audio Standby Mode	-	-	-	-	-	-	-	-	-	-	-		
81		Built-in Closed Caption Decoder	-	-	-	-	-	-	-	-	-	-	-		
82		Web Control (Wired)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
83		Wireless Built-in (Web Control)	-	-	-	-	-	-	-	-	-	-	-		
84		Wireless Manager	-	-	-	-	-	-	-	-	-	-	-		
85		Wireless Optional	✓ AJ-WM50	✓ AJ-WM50	✓ AJ-WM50	-	-	-	-	-	-	-	-		
86		Presenter Light	-	-	-	-	-	-	-	-	-	-	-		
87		Wireless Projector	-	-	-	-	-	-	-	-	-	-	-		
88		Plug and Share	-	-	-	-	-	-	-	-	-	-	-		
89		Mirroring	-	-	-	-	-	-	-	-	-	-	-		
90		Easy Wireless Stick	-	-	-	-	-	-	-	-	-	-	-		
91		Black Board Mode	-	-	-	-	-	-	-	-	-	-	-		
92		White Board Mode	-	-	-	-	-	-	-	-	-	-	-		
93		Color board Modes	-	-	-	-	-	-	-	-	-	-	-		
94		USB-DC Outlet Terminal	✓	✓	✓	✓ (900mA)	✓ (900mA)	✓ (900mA)	✓	✓	✓	✓	✓	✓	
95		USB Memory Viewer	-	-	-	-	-	-	-	-	-	-	-	-	
96	USB Display Function	-	-	-	-	-	-	-	-	-	-	-	-		
97	LinkRay Compatible	-	-	-	-	-	-	-	-	-	-	-	-		
98	Scheduling Function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
99	ECO Management System	✓	✓	✓	-	-	-	-	-	-	-	-	-		
100	Emulation Mode	-	-	-	-	-	-	-	-	-	-	-	-		
101	Power Management Reduces Downtime	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
102	Presentation Support Function (P-Timer/Freeze)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
103	Startup Logo Function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
104	Anti-Theft and Security Measures	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
105	Picture-in-Picture Mode	-	-	-	-	-	-	-	-	-	-	-	-		
Software	106	Multi Monitoring & Control Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	107	Early Warning Software ET-SWA100 Series	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	108	Remote Preview	✓	✓	✓	-	-	-	-	-	-	-	-		
	109	Smart Projector Control with NFC	✓	✓	✓	-	-	-	-	-	-	-	-		
	110	Smart Projector Control without NFC	✓	✓											

Panasonic Projector
Feature Comparison Chart

		Installation									Portable				
		PT-EX800	PT-EZ590	PT-EW650	PT-EX620	PT-EX520	PT-FZ570	PT-FW530	PT-FX500	PT-LRZ35	PT-LRW35	PT-VMZ71	PT-VMZ61	PT-VMZ51	
Basic	1	Light Output (lm)	7,500	5,400	5,800	6,200	5,300	4,500	4,500	5,000	3,500	3,500	7,000	6,200	5,200
	2	Device	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD
	3	Resolution	XGA	WXGA	WXGA	XGA	XGA	WXGA	WXGA	XGA	WXGA	WXGA	WXGA	WXGA	WXGA
	4	Pixels	1024 x 768	1920 x 1200	1280 x 800	1024 x 768	1024 x 768	1920 x 1200	1280 x 800	1024 x 768	1920 x 1200	1280 x 800	1920 x 1200	1920 x 1200	1920 x 1200
	5	Screen Aspect	4:3	16:10	16:10	4:3	4:3	16:10	16:10	4:3	16:10	16:10	16:10	16:10	16:10
Image Quality	6	Quad Pixel Drive / Smooth Pixel Drive	-	-	-	-	-	-	-	-	-	-	-	-	
	7	Real Motion Processor	-	-	-	-	-	-	-	-	-	-	-	-	
	8	Refresh Rate	-	-	-	-	-	-	-	-	-	-	-	-	
	9	Dynamic Contrast	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	
	10	Laser Light Shutter	-	-	-	-	-	-	-	✓(LED)	✓(LED)	✓	✓	✓	
	11	Dynamic Iris	Iris	✓	✓	✓	✓	✓	✓	-	-	-	-	-	
	12	Detail Clarity Processor 5+	-	-	-	-	-	-	-	-	-	-	-	-	
	13	Detail Clarity Processor 5	-	-	-	-	-	-	-	-	-	-	-	-	
	14	Detail Clarity Processor 4	-	-	-	-	-	-	-	-	-	-	-	-	
	15	Detail Clarity Processor 3	-	-	-	-	-	-	-	-	-	-	-	-	
	16	System Daylight View 3	-	-	-	-	-	-	-	-	?	?	-	-	
	17	System Daylight View 2	-	-	-	-	-	-	-	-	-	-	-	-	
	18	Daylight View Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	19	Daylight View Light	-	-	-	-	-	-	-	-	-	-	-	-	
	20	Supports 4K Input Signals	-	-	-	-	-	-	-	-	?	?	✓ 30P	✓ 30P	✓ 30P
	21	BT.2020 Emulation and HDR	-	-	-	-	-	-	-	-	-	-	-	-	
	22	Auto Gamma and Color-Space Select	-	-	-	-	-	-	-	-	-	-	-	-	
	23	Rec. 709 Mode	-	-	-	-	-	-	-	-	-	-	-	-	
	24	DICOM Simulation Mode	✓	✓	✓	✓	✓	✓	✓	✓	?	?	-	-	
	25	Waveform Monitor Function	-	-	-	-	-	-	-	-	-	-	-	-	
	26	Active 3D Projection	-	-	-	-	-	-	-	-	-	-	-	-	
	27	3D Single Passive	-	-	-	-	-	-	-	-	-	-	-	-	
	28	3D Dual Passive	-	-	-	-	-	-	-	-	-	-	-	-	
Installation Flexibility	29	Fade In/Fade Out Function	-	-	-	-	-	-	-	✓ LED	✓ LED	✓ Laser	✓ Laser	✓ Laser	
	30	Mechanical Shutter	✓	✓	✓	✓	✓	-	-	-	-	✓	✓		
	31	Lens Shift Motor Driven	✓	✓	✓	✓	✓	-	-	-	-	-	-		
	32	Lens Shift Manual	-	-	-	-	-	✓	✓	✓	✓	✓	✓		
	33	Lens	✓ / OP	✓ / OP	✓ / OP	✓ / OP	✓ / OP	✓ / OP	✓ / OP	✓ / OP	x1.3	x1.3	x1.6	x1.6	
	34	Ultra Short Throw Lens Capability	-	-	-	-	-	-	-	-	-	-	-	-	
	35	Fish-eye Lens Capability	-	-	-	-	-	-	-	-	-	-	-	-	
	36	Active Focus Optimizer (AFO)	-	-	-	-	-	-	-	-	-	-	-	-	
	37	Free 360-degree Installation / 2-axis 360° Front and Side Installation	-	-	-	-	-	-	-	-	✓	✓	✓	✓	
	38	Built-in Geometric Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	
	39	Preactivated Upgrade Kits for Geometry Manager Pro	-	-	-	-	-	-	-	-	-	-	-	-	
	40	Geometry Manager Pro Software with Optional Upgrade Kits	-	-	-	-	-	-	-	-	-	-	-	-	
	41	Free Grid Function via Remote Control	-	-	-	-	-	-	-	-	-	-	-	-	
	42	Screen Adjustment for Specially Shaped Screens	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	43	Curved Screen Correction	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	44	Corner Keystone & Keystone	Corner	Corner	Corner	Corner	Corner	✓	✓	✓	✓	✓	✓	✓	
	45	6-Point Screen Adjustment	-	-	-	-	-	-	-	-	-	✓	✓	✓	
	46	Digital Zoom Extender	-	-	-	-	-	-	-	-	-	✓	✓	✓	
	47	Multi-screen Support System	-	-	-	-	-	-	-	-	-	-	-	-	
	48	Multi-Unit Brightness and Color Control	-	-	-	-	-	-	-	-	-	-	-	-	
	49	Lens-Centered Design	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
	50	Electric Convergence Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	
	51	Frame-Delay Adjustment for Multi-Projection	-	-	-	-	-	-	-	-	-	-	-	-	
	52	Quick Start & Quick Off	-	-	-	-	-	-	-	-	✓	✓	✓	✓	
	53	Direct Power Off	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	54	Data-cloning function	-	-	-	-	-	-	-	-	-	-	-	-	
	55	Expansion SLOT(SLOT NX)	-	-	-	-	-	-	-	-	-	-	-	-	
	56	SDI Terminal	-	-	-	-	-	-	-	-	-	-	-	-	
	57	HDMI Terminal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	58	CEC Command-Compatible HDMI® Inputs	-	-	-	-	-	-	-	-	✓	✓	✓	✓	
	59	DIGITAL LINK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	60	Crestron Connected™, AMX DD™, Extron® XTP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	61	Art-Net DMX	-	-	-	-	-	-	-	-	-	-	-	-	
	62	PJLink™ Compatible	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Reliability	63	Light Source (SOLID SHINE Laser / LED / Lamp)	1-lamp	1-lamp	1-lamp	1-lamp	1-lamp	1-lamp	1-lamp	1-lamp	LED	LED	SOLID SHINE (B)	SOLID SHINE (B)	
	64	Laser Classification Laser Class USA and Canada (IEC 60825-1:2007)	-	-	-	-	-	-	-	-	-	-	Class 3R	Class 3R	
	65	Other Countries or regions (IEC/EN 60825-1:2014)	-	-	-	-	-	-	-	-	-	-	Class 1	Class 1	
	66	Risk Group (IEC 62471-5:2015)	-	-	-	-	-	-	-	-	-	-	Risk Group 2	Risk Group 2	
	67	24/7 Continuous Operation	-	-	-	-	-	-	-	-	-	-	-	-	
	68	Multi-Laser Drive Engine	-	-	-	-	-	-	-	-	-	-	-	-	
	69	Filterless Design	-	-	-	-	-	-	-	-	✓	✓	-	-	
	70	Hermetically Shielded Optics (DMD)	-	-	-	-	-	-	-	-	✓	✓	-	-	
	71	Liquid Cooling System	-	-	-	-	-	-	-	-	-	-	-	-	
	72	Operating Temperature (50°C)	-	-	-	-	-	-	-	-	-	-	-	-	
	73	Operating Temperature (45°C)	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	
	74	Information Monitor	-	-	-	-	-	-	-	-	-	-	-	-	
	75	Backup Input	-	-	-	-	-	-	-	-	-	-	-	-	
Convenient	76	4-Input Multi Display Function	-	-	-	-	-	-	-	-	-	-	-		
	77	Interactive	-	-	-	-	-	-	-	-	-	-	-		
	78	Auto Input-Signal Search	-	-	-	-	-	-	-	-	-	-	-		
	79	Built-in Speaker	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	80	Audio Standby Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	81	Built-in Closed Caption Decoder	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓		
	82	Web Control (Wired)	-	-	-	-	-	-	-	-	-	-	✓		
	83	Wireless Built-in (Web Control)	-	-	-	-	-	-	-	-	-	-	-		
	84	Wireless Manager	-	-	-	-	-	-	-	-	-	-	-		
	85	Wireless Optional	-	ET-WML100	ET-WML100	ET-WML100	ET-WML100	ET-WML100	ET-WML100	ET-WML100	-	-	AJ-WM50	AJ-WM50	
	86	Presenter Light	-	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	-	-	✓*4	✓*4	
	87	Wireless Projector	-	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	-	-	✓*4	✓*4	
	88	Plug and Share	-	-	-	-	-	-	-	-	-	-	-	-	
	89	Mirroring	-	-	-	-	-	-	-	-	-	-	-	-	
	90	Easy Wireless Stick	-	-	-	-	-	-	-	-	-	-	-	-	
	91	Black Board Mode	-	-	-	-	-	-	-	-	-	-	✓	✓	
	92	White Board Mode	-	-	-	-	-	-	-	-	-	-	✓	✓	
	93	Color board Modes	-	-	-	-	-	-	-	-	-	-	✓	✓	
	94	USB-DC Outlet Terminal	-	✓ (900mA)	✓ (900mA)	✓ (900mA)	✓ (900mA)	✓ (900mA)	✓ (900mA)	✓ (900mA)	✓	✓	✓	✓	
	95	USB Memory Viewer	-	-	-	-	-	-	-	-	-	-	✓	✓	
	96	USB Display Function	-	-	-	-	-	-	-	-	-	-	✓	✓	
	97	LinkRay Compatible	-	-	-	-	-	-	-	-	-	-	-	-	
	98	Scheduling Function	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
	99	ECO Management System	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
	100	Emulation Mode	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
	101	Power Management Reduces Downtime	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
	102	Presentation Support Function (P-Timer/Freeze)	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
103	Startup Logo Function	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓□	✓□		
104	Anti-Theft and Security Measures	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
105	Picture-in-Picture Mode	-	-	-	-	-	-	-	-	-	-	-	-		
Software	106	Multi Monitoring & Control Software	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	
	107	Early Warning Software ET-SWA100 Series	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	
	108	Remote Preview	-	-	-	-	-	-	-	-	-	-	-	-	
	109	Smart Projector Control with NFC	-	-	-	-	-	-	-	-	-	-	-	-	
	110	Smart Projector Control without NFC	-	-	-	-	-	-	-	-	-	-	-	-	
	111	Smart Projector Auto Focus without NFC#6	-	-	-	-	-	-	-	-	-	-	-	-	
	112	Real-Time Tracking Projection-Mapping System (ET-SWR10)	-	-	-	-	-	-	-	-	-	-	-	-	

*1 Corresponding with special model (built-to order)

*2 Requires optional interface board (ET-MDNFB10)

Panasonic Projector
Feature Comparison Chart

		Portable													
		PT-VM251S	PT-VM241	PT-VMW61	PT-VMW51	PT-VMZ60	PT-VMZ50	PT-VMZ40	PT-VMW60	PT-VMW50	PT-VZ585N	PT-VZ580	PT-VW545N	PT-VW540	
Basic	1	Light Output (lm)	5,200	4,500	6,200	5,200	6,000	5,000	4,500	6,000	5,000	5,000	5,000	5,500	5,500
	2	Device	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD
	3	Resolution	WUXGA	WUXGA	WXGA	WXGA	WUXGA	WUXGA	WUXGA	WXGA	WXGA	WUXGA	WUXGA	WXGA	WXGA
	4	Pixels	1920 x 1200	1920 x 1200	1280 x 800	1280 x 800	1920 x 1200	1920 x 1200	1920 x 1200	1280 x 800	1280 x 800	1920 x 1200	1920 x 1200	1280 x 800	1280 x 800
	5	Screen Aspect	16:10	16:10	16:10	16:10	16:10	16:10	16:10	16:10	16:10	16:10	16:10	16:10	16:10
Image Quality	6	Quad Pixel Drive / Smooth Pixel Drive	-	-	-	-	-	-	-	-	-	-	-	-	
	7	Real Motion Processor	-	-	-	-	-	-	-	-	-	-	-	-	
	8	Refresh Rate	-	-	-	-	-	-	-	-	-	-	-	-	
	9	Dynamic Contrast	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	10	Laser Light Shutter	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	11	Dynamic Iris	-	-	-	-	-	-	-	-	-	✓	✓	✓	
	12	Detail Clarity Processor 5+	-	-	-	-	-	-	-	-	-	-	-	-	
	13	Detail Clarity Processor 5	-	-	-	-	-	-	-	-	-	-	-	-	
	14	Detail Clarity Processor 4	-	-	-	-	-	-	-	-	-	-	-	-	
	15	Detail Clarity Processor 3	-	-	-	-	-	-	-	-	-	-	-	-	
	16	System Daylight View 3	-	-	-	-	-	-	-	-	-	-	-	-	
	17	System Daylight View 2	-	-	-	-	-	-	-	-	-	-	-	-	
	18	Daylight View Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	19	Daylight View Light	-	-	-	-	-	-	-	-	-	-	-	-	
	20	Supports 4K Input Signals	✓ 30P	✓ 30P	✓ 30P	✓ 30P	✓ 30P	✓ 30P	✓ 30P	✓ 30P	✓ 30P	✓ 30P	-	-	
	21	BT.2020 Emulation and HDR	-	-	-	-	-	-	-	-	-	-	-	-	
	22	Auto Gamma and Color-Space Select	-	-	-	-	-	-	-	-	-	-	-	-	
	23	Rec. 709 Mode	-	-	-	-	-	-	-	-	-	-	-	-	
	24	DICOM Simulation Mode	-	-	-	-	-	-	-	-	-	-	-	-	
	25	Waveform Monitor Function	-	-	-	-	-	-	-	-	-	-	-	-	
	26	Active 3D Projection	-	-	-	-	-	-	-	-	-	-	-	-	
	27	3D Single Passive	-	-	-	-	-	-	-	-	-	-	-	-	
	28	3D Dual Passive	-	-	-	-	-	-	-	-	-	-	-	-	
Installation Flexibility	29	Fade In/Fade Out Function	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	✓ Laser	
	30	Mechanical Shutter	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	31	Lens Shift Motor Driven	-	-	-	-	-	-	-	-	-	-	-	-	
	32	Lens Shift Manual	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	33	Lens	x1.6	x1.6	x1.6	x1.6	x1.6	x1.6	x1.6	x1.6	x1.6	x1.6	x1.6	x1.6	
	34	Ultra Short Throw Lens Capability	-	-	-	-	-	-	-	-	-	-	-	-	
	35	Fish-eye Lens Capability	-	-	-	-	-	-	-	-	-	-	-	-	
	36	Active Focus Optimizer (AFO)	-	-	-	-	-	-	-	-	-	-	-	-	
	37	Free 360-degree Installation / 2-axis 360° Front and Side Installation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	38	Built-in Geometric Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	
	39	Preactivated Upgrade Kits for Geometry Manager Pro	-	-	-	-	-	-	-	-	-	-	-	-	
	40	Geometry Manager Pro Software with Optional Upgrade Kits	-	-	-	-	-	-	-	-	-	-	-	-	
	41	Free Grid Function via Remote Control	-	-	-	-	-	-	-	-	-	-	-	-	
	42	Screen Adjustment for Specially Shaped Screens	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	43	Curved Screen Correction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	44	Corner Keystone & Keystone	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	45	6-Point Screen Adjustment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	46	Digital Zoom Extender	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	47	Multi-screen Support System	-	-	-	-	-	-	-	-	-	-	-	-	
	48	Multi-Unit Brightness and Color Control	-	-	-	-	-	-	-	-	-	-	-	-	
	49	Lens-Centered Design	-	-	-	-	-	-	-	-	-	-	-	-	
	50	Electric Convergence Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	
	51	Frame-Delay Adjustment for Multi-Projection	-	-	-	-	-	-	-	-	-	-	-	-	
	52	Quick Start & Quick Off	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	53	Direct Power Off	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	54	Data-cloning function	-	-	-	-	-	-	-	-	-	-	-	-	
	55	Expansion SLOT(SLOT NX)	-	-	-	-	-	-	-	-	-	-	-	-	
	56	SDI Terminal	-	-	-	-	-	-	-	-	-	-	-	-	
	57	HDMI Terminal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	58	CEC Command-Compatible HDMI® Inputs	-	-	-	-	-	-	-	-	-	-	-	-	
	59	DIGITAL LINK	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	60	Crestron Connected™, AMX DD™, Extron® XTP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	61	Art-Net DMX	-	-	-	-	-	-	-	-	-	-	-	-	
	62	PJLink™ Compatible	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Reliability	63	Light Source (SOLID SHINE Laser / LED / Lamp)	SOLID SHINE (B)	SOLID SHINE (B)	SOLID SHINE (B)	SOLID SHINE (B)	SOLID SHINE (B)	SOLID SHINE (B)	SOLID SHINE (B)	SOLID SHINE (B)	SOLID SHINE (B)	1-lamp	1-lamp	1-lamp	
	64	Laser Classification Laser Class USA and Canada (IEC 60825-1:2007)	Class 3R	Class 3R	Class 3R	Class 3R	Class 3R	Class 3R	Class 3R	Class 3R	Class 3R	-	-	-	
	65	Other Countries or regions (IEC/EN 60825-1:2014)	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	-	-	-	
	66	Risk Group (IEC 62471-5:2015)	Risk Group 2	Risk Group 2	Risk Group 2	Risk Group 2	Risk Group 2	Risk Group 2	Risk Group 2	Risk Group 2	Risk Group 2	-	-	-	
	67	24/7 Continuous Operation	-	-	-	-	-	-	-	-	-	-	-	-	
	68	Multi-Laser Drive Engine	-	-	-	-	-	-	-	-	-	-	-	-	
	69	Filterless Design	-	-	-	-	-	-	-	-	-	-	-	-	
	70	Hermetically Shielded Optics (DMD)	-	-	-	-	-	-	-	-	-	-	-	-	
	71	Liquid Cooling System	-	-	-	-	-	-	-	-	-	-	-	-	
	72	Operating Temperature (50°C)	-	-	-	-	-	-	-	-	-	-	-	-	
	73	Operating Temperature (45°C)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	74	Information Monitor	-	-	-	-	-	-	-	-	-	-	-	-	
	75	Backup Input	-	-	-	-	-	-	-	-	-	-	-	-	
	Convenient	76	4-Input Multi Display Function	-	-	-	-	-	-	-	-	-	-	-	
77		Interactive	-	-	-	-	-	-	-	-	-	-	-		
78		Auto Input-Signal Search	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
79		Built-in Speaker	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
80		Audio Standby Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
81		Built-in Closed Caption Decoder	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
82		Web Control (Wired)	-	-	-	-	-	-	-	-	-	-	-		
83		Wireless Built-in (Web Control)	-	-	-	-	-	-	-	-	-	✓	✓		
84		Wireless Manager	-	-	-	-	-	-	-	-	-	-	✓		
85		Wireless Optional	✓ AJ-WM50	✓ AJ-WM50	✓ AJ-WM50	✓ AJ-WM50	✓ AJ-WM50	✓ AJ-WM50	✓ AJ-WM50	✓ AJ-WM50	✓ AJ-WM50	-	-		
86		Presenter Light	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	✓		
87		Wireless Projector	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	✓		
88		Plug and Share	-	-	-	-	-	-	-	-	-	-	✓		
89		Mirroring	-	-	-	-	-	-	-	-	-	✓Miracast	✓Miracast		
90		Easy Wireless Stick	-	-	-	-	-	-	-	-	-	-	✓		
91		Black Board Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
92		White Board Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
93		Color board Modes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
94		USB-DC Outlet Terminal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
95		USB Memory Viewer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
96		USB Display Function	-	-	-	-	-	-	-	-	-	✓	✓		
97	LinkRay Compatible	-	-	-	-	-	-	-	-	-	-	✓			
98	Scheduling Function	-	-	-	-	-	-	-	-	-	-	✓			
99	ECO Management System	-	-	-	-	-	-	-	-	-	✓	✓			
100	Emulation Mode	-	-	-	-	-	-	-	-	-	✓	✓			
101	Power Management Reduces Downtime	-	-	-	-	-	-	-	-	-	✓	✓			
102	Presentation Support Function (P-Timer/Freeze)	-	-	-	-	-	-	-	-	-	✓	✓			
103	Startup Logo Function	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□			
104	Anti-Theft and Security Measures	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
105	Picture-in-Picture Mode	-	-	-	-	-	-	-	-	-	-	✓			
Software	106	Multi Monitoring & Control Software	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□		
	107	Early Warning Software ET-SWA100 Series	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□		
	108	Remote Preview	-	-	-	-	-	-	-	-	-	-	✓		
	109	Smart Projector Control with NFC	-	-	-	-	-	-	-	-	-	-	-		
	110	Smart Projector Control without NFC	-	-	-	-	-	-	-	-	-	-	-		
	111	Smart Projector Auto Focus without NFC*6	-	-	-	-	-	-	-	-	-	-	-		
	112	Real-Time Tracking Projection-Mapping System (ET-SWR10)	-	-	-	-	-	-	-	-	-	-	-		

*1 Corresponding with special model (built-to order)
 *2 Requires optional interface board (ET-MDNFB10)
 *3 Requires optional interface board (ET-MDN

Panasonic Projector
Feature Comparison Chart

		Portable											Short Throw		
		PT-VX615N	PT-VX610	PT-VZ470	PT-VW360	PT-VX430	PT-LW376	PT-LW336	PT-LB426	PT-LB386	PT-LB356	PT-LB306	PT-TW381R	PT-TW380	
Basic	1	Light Output (lm)	5,500	5,500	4,400	4,000	4,500	3,600	3,100	4,100	3,800	3,300	3,100	3,300	3,300
	2	Device	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD	LCD
	3	Resolution	XGA	XGA	WXGA	XGA	XGA	WXGA	WXGA	XGA	XGA	XGA	XGA	WXGA	WXGA
	4	Pixels	1024 x 768	1024 x 768	1920 x 1200	1024 x 768	1024 x 768	1280 x 800	1280 x 800	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1280 x 800	1280 x 800
	5	Screen Aspect	4:3	4:3	16:10	4:3	4:3	16:10	16:10	4:3	4:3	4:3	4:3	16:10	16:10
Image Quality	6	Quad Pixel Drive / Smooth Pixel Drive	-	-	-	-	-	-	-	-	-	-	-	-	
	7	Real Motion Processor	-	-	-	-	-	-	-	-	-	-	-	-	
	8	Refresh Rate	-	-	-	-	-	-	-	-	-	-	-	-	
	9	Dynamic Contrast	-	-	-	-	-	-	-	-	-	-	-	-	
	10	Laser Light Shutter	-	-	-	-	-	-	-	-	-	-	-	-	
	11	Dynamic Iris	✓	✓	✓	✓	✓	Iris	Iris	Iris	Iris	Iris	Iris	Iris	
	12	Detail Clarity Processor 5+	-	-	-	-	-	-	-	-	-	-	-	-	
	13	Detail Clarity Processor 5	-	-	-	-	-	-	-	-	-	-	-	-	
	14	Detail Clarity Processor 4	-	-	-	-	-	-	-	-	-	-	-	-	
	15	Detail Clarity Processor 3	-	-	-	-	-	-	-	-	-	-	-	-	
	16	System Daylight View 3	-	-	-	-	-	-	-	-	-	-	-	-	
	17	System Daylight View 2	-	-	-	-	-	-	-	-	-	-	-	-	
	18	Daylight View Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	19	Daylight View Light	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	
	20	Supports 4K Input Signals	-	-	-	-	-	-	-	-	-	-	-	-	
	21	BT.2020 Emulation and HDR	-	-	-	-	-	-	-	-	-	-	-	-	
	22	Auto Gamma and Color-Space Select	-	-	-	-	-	-	-	-	-	-	-	-	
	23	Rec. 709 Mode	-	-	-	-	-	-	-	-	-	-	-	-	
	24	DICOM Simulation Mode	-	-	-	-	-	-	-	-	-	-	-	-	
	25	Waveform Monitor Function	-	-	-	-	-	-	-	-	-	-	-	-	
	26	Active 3D Projection	-	-	-	-	-	-	-	-	-	-	-	-	
	27	3D Single Passive	-	-	-	-	-	-	-	-	-	-	-	-	
	28	3D Dual Passive	-	-	-	-	-	-	-	-	-	-	-	-	
Installation Flexibility	29	Fade In/Fade Out Function	-	-	-	-	-	-	-	-	-	-	-	-	
	30	Mechanical Shutter	-	-	-	-	-	-	-	-	-	-	-	-	
	31	Lens Shift Motor Driven	-	-	-	-	-	-	-	-	-	-	-	-	
	32	Lens Shift Manual	✓	✓	✓	-	-	-	-	-	-	-	-	-	
	33	Lens	x1.6	x1.6	x1.6	x1.6	x1.6	x1.2	x1.2	x1.2	x1.2	x1.2	UST	UST	
	34	Ultra Short Throw Lens Capability	-	-	-	-	-	-	-	-	-	-	-	-	
	35	Fish-eye Lens Capability	-	-	-	-	-	-	-	-	-	-	-	-	
	36	Active Focus Optimizer (AFO)	-	-	-	-	-	-	-	-	-	-	-	-	
	37	Free 360-degree Installation / 2-axis 360° Front and Side Installation	-	-	-	-	-	-	-	-	-	-	-	-	
	38	Built-in Geometric Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	
	39	Preactivated Upgrade Kits for Geometry Manager Pro	-	-	-	-	-	-	-	-	-	-	-	-	
	40	Geometry Manager Pro Software with Optional Upgrade Kits	-	-	-	-	-	-	-	-	-	-	-	-	
	41	Free Grid Function via Remote Control	-	-	-	-	-	-	-	-	-	-	-	-	
	42	Screen Adjustment for Specially Shaped Screens	✓	✓	✓	-	-	-	✓	✓	✓	✓	✓	✓	
	43	Curved Screen Correction	✓	✓	✓	-	-	-	-	✓	✓	✓	✓	✓	
	44	Corner Keystone & Keystone	✓	✓	✓	-	-	-	-	✓	✓	✓	✓	✓	
	45	6-Point Screen Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	
	46	Digital Zoom Extender	-	-	-	-	-	-	-	-	-	-	-	-	
	47	Multi-screen Support System	-	-	-	-	-	-	-	-	-	-	-	-	
	48	Multi-Unit Brightness and Color Control	-	-	-	-	-	-	-	-	-	-	-	-	
	49	Lens-Centered Design	-	-	-	-	-	-	-	-	-	-	-	-	
	50	Electric Convergence Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	
	51	Frame-Delay Adjustment for Multi-Projection	-	-	-	-	-	-	-	-	-	-	-	-	
	52	Quick Start & Quick Off	-	-	-	-	-	-	-	-	-	-	-	-	
	53	Direct Power Off	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	54	Data-cloning function	-	-	-	-	-	-	-	-	-	-	-	-	
	55	Expansion SLOT(SLOT NX)	-	-	-	-	-	-	-	-	-	-	-	-	
	56	SDI Terminal	-	-	-	-	-	-	-	-	-	-	-	-	
	57	HDMI Terminal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	58	CEC Command-Compatible HDMI® Inputs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	59	DIGITAL LINK	✓	✓	-	-	-	-	-	-	-	-	-	-	
	60	Crestron Connected™, AMX DD™, Extron® XTP	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	
	61	Art-Net DMX	-	-	-	-	-	-	-	-	-	-	-	-	
	62	PJLink™ Compatible	✓	✓	✓	✓	✓	✓	✓	CLASS2	CLASS2	CLASS2	-	CLASS2	CLASS2
Reliability	63	Light Source (SOLID SHINE Laser / LED / Lamp)	1-lamp	1-lamp	1-lamp	1-lamp	1-lamp	1-lamp	1-lamp	1-lamp	1-lamp	1-lamp	1-lamp	1-lamp	
	64	Laser Classification Laser Class USA and Canada (IEC 60825-1:2007)	-	-	-	-	-	-	-	-	-	-	-	-	
	65	Other Countries or regions (IEC/EN 60825-1:2014)	-	-	-	-	-	-	-	-	-	-	-	-	
	66	Risk Group (IEC 62471-5:2015)	-	-	-	-	-	-	-	-	-	-	-	-	
	67	24/7 Continuous Operation	-	-	-	-	-	-	-	-	-	-	-	-	
	68	Multi-Laser Drive Engine	-	-	-	-	-	-	-	-	-	-	-	-	
	69	Filterless Design	-	-	-	-	-	-	-	-	-	-	-	-	
	70	Hermetically Shielded Optics (DMD)	-	-	-	-	-	-	-	-	-	-	-	-	
	71	Liquid Cooling System	-	-	-	-	-	-	-	-	-	-	-	-	
	72	Operating Temperature (50°C)	-	-	-	-	-	-	-	-	-	-	-	-	
	73	Operating Temperature (45°C)	-	-	-	-	-	-	-	-	-	-	-	-	
	74	Information Monitor	-	-	-	-	-	-	-	-	-	-	-	-	
	75	Backup Input	-	-	-	-	-	-	-	-	-	-	-	-	
Convenient	76	4-Input Multi Display Function	-	-	-	-	-	-	-	-	-	-	-	-	
	77	Interactive	-	-	-	-	-	-	-	-	-	-	-	-	
	78	Auto Input-Signal Search	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	79	Built-in Speaker	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	80	Audio Standby Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	81	Built-in Closed Caption Decoder	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	82	Web Control (Wired)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	83	Wireless Built-in (Web Control)	✓	-	-	-	-	-	-	-	-	-	-	-	
	84	Wireless Manager	✓	-	-	-	-	-	-	-	-	-	-	-	
	85	Wireless Optional	-	-	-	ET-WML100	ET-WML100	ET-WML100	ET-WML100	AJ-WM50	AJ-WM50	AJ-WM50	-	ET-WML100 /AJ-MW50	ET-WML100 /AJ-MW50
	86	Presenter Light	✓	-	-	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	-	✓*4	✓*4
	87	Wireless Projector	✓	-	-	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	-	✓*4	✓*4
	88	Plug and Share	✓	-	-	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	✓*4	-	✓*4	✓*4
	89	Mirroring	✓Miracast	-	-	-	-	-	-	-	-	-	-	-	
	90	Easy Wireless Stick	✓	-	-	-	-	-	-	-	-	-	-	-	
	91	Black Board Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	92	White Board Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	93	Color board Modes	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	94	USB-DC Outlet Terminal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	95	USB Memory Viewer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	96	USB Display Function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	97	LinkRay Compatible	-	-	-	-	-	-	-	-	-	-	-	-	
	98	Scheduling Function	-	-	-	-	-	-	-	-	-	-	-	-	
	99	ECO Management System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	100	Emulation Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	101	Power Management Reduces Downtime	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	102	Presentation Support Function (P-Timer/Freeze)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
103	Startup Logo Function	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□		
104	Anti-Theft and Security Measures	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
105	Picture-in-Picture Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Software	106	Multi Monitoring & Control Software	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	
	107	Early Warning Software ET-SWA100 Series	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	✓□	
	108	Remote Preview	-	-	-	-	-	-	-	-	-	-	-	-	
	109	Smart Projector Control with NFC	-	-	-	-	-	-	-	-	-	-	-	-	
	110	Smart Projector Control without NFC	-	-	-	-	-	-	-	-	-	-	-	-	
	111	Smart Projector Auto Focus without NFC*6	-	-	-	-	-	-	-	-	-	-	-	-	
	112	Real-Time Tracking Projection-Mapping System (ET-SWR10)	-	-	-	-	-	-	-	-	-	-	-	-	

*1 Corresponding

Panasonic Projector
Feature Comparison Chart

		Short Throw		Space Player		
		PT-TX440	PT-TX350	PT-JX200	PT-JW130	
Basic	1	Light Output (lm)	3,800	3,200	2,000	1,000
	2	Device	LCD	LCD	1DLP	1DLP
	3	Resolution	XGA	XGA	XGA	WXGA
	4	Pixels	1024 x 768	1024 x 768	1024 x 768	1,039,680
	5	Screen Aspect	4:3	4:3	4:3	16:9
Image Quality	6	Quad Pixel Drive / Smooth Pixel Drive	-	-	-	-
	7	Real Motion Processor	-	-	-	-
	8	Refresh Rate	-	-	-	-
	9	Dynamic Contrast	-	-	-	-
	10	Laser Light Shutter	-	-	-	-
	11	Dynamic Iris	Iris	Iris	-	-
	12	Detail Clarity Processor 5+	-	-	-	-
	13	Detail Clarity Processor 5	-	-	-	-
	14	Detail Clarity Processor 4	-	-	-	-
	15	Detail Clarity Processor 3	-	-	-	-
	16	System Daylight View 3	-	-	-	-
	17	System Daylight View 2	-	-	-	-
	18	Daylight View Basic	-	-	-	-
	19	Daylight View Light	✓	✓	-	-
	20	Supports 4K Input Signals	-	-	-	-
	21	BT.2020 Emulation and HDR	-	-	-	-
	22	Auto Gamma and Color-Space Select	-	-	-	-
	23	Rec. 709 Mode	-	-	-	-
	24	DICOM Simulation Mode	-	-	-	-
	25	Waveform Monitor Function	-	-	-	-
	26	Active 3D Projection	-	-	-	-
	27	3D Single Passive	-	-	-	-
	28	3D Dual Passive	-	-	-	-
Installation Flexibility	29	Fade In/Fade Out Function	-	-	-	-
	30	Mechanical Shutter	-	-	-	-
	31	Lens Shift Motor Driven	-	-	-	-
	32	Lens Shift Manual	-	-	-	-
	33	Lens	UST	UST	x2.2	x2.2
	34	Ultra Short Throw Lens Capability	-	-	-	-
	35	Fish-eye Lens Capability	-	-	-	-
	36	Active Focus Optimizer (AFO)	-	-	-	-
	37	Free 360-degree Installation / 2-axis 360° Front and Side Installation	-	-	-	-
	38	Built-in Geometric Adjustment	-	-	-	-
	39	Preactivated Upgrade Kits for Geometry Manager Pro	-	-	-	-
	40	Geometry Manager Pro Software with Optional Upgrade Kits	-	-	-	-
	41	Free Grid Function via Remote Control	-	-	-	-
	42	Screen Adjustment for Specially Shaped Screens	✓	✓	-	-
	43	Curved Screen Correction	✓	✓	-	-
	44	Corner Keystone & Keystone	✓	✓	Corner	Corner
	45	6-Point Screen Adjustment	-	-	-	-
	46	Digital Zoom Extender	-	-	-	-
	47	Multi-screen Support System	-	-	-	-
	48	Multi-Unit Brightness and Color Control	-	-	-	-
	49	Lens-Centered Design	-	-	-	-
	50	Electric Convergence Adjustment	-	-	-	-
	51	Frame-Delay Adjustment for Multi-Projection	-	-	-	-
	52	Quick Start & Quick Off	-	-	-	-
	53	Direct Power Off	✓	✓	✓	✓
	54	Data-cloning function	-	-	-	-
	55	Expansion SLOT(SLOT NX)	-	-	-	-
	56	SDI Terminal	-	-	-	-
	57	HDMI Terminal	✓	✓	✓	✓
	58	CEC Command-Compatible HDMI® Inputs	-	-	-	-
	59	DIGITAL LINK	-	-	-	-
	60	Crestron Connected™, AMX DD™, Extron® XTP	-	-	-	-
	61	Art-Net DMX	-	-	✓	✓
	62	PJLink™ Compatible	CLASS2	CLASS2	CLASS1	CLASS1
Reliability	63	Light Source (SOLID SHINE Laser / LED / Lamp)	1-lamp	1-lamp	SOLID SHINE (B)	SOLID SHINE (B)
	64	Laser Classification Laser Class USA and Canada (IEC 60825-1:2007)	-	-	Class 3R	Class 3R
	65	Other Countries or regions (IEC/EN 60825-1:2014)	-	-	Class 1	Class 1
	66	Risk Group (IEC 62471-5:2015)	-	-	Risk Group 3	Risk Group 3
	67	24/7 Continuous Operation	-	-	✓	✓
	68	Multi-Laser Drive Engine	-	-	-	-
	69	Filterless Design	-	-	✓	✓
	70	Hermetically Shielded Optics (DMD)	-	-	✓	✓
	71	Liquid Cooling System	-	-	-	-
	72	Operating Temperature (50°C)	-	-	-	-
	73	Operating Temperature (45°C)	-	-	-	-
	74	Information Monitor	-	-	-	-
	75	Backup Input	-	-	-	-
Convenient	76	4-Input Multi Display Function	-	-	-	-
	77	Interactive	-	-	-	-
	78	Auto Input-Signal Search	✓	✓	-	-
	79	Built-in Speaker	✓	✓	-	-
	80	Audio Standby Mode	✓	✓	-	-
	81	Built-in Closed Caption Decoder	✓	✓	-	-
	82	Web Control (Wired)	✓	✓	✓	✓
	83	Wireless Built-in (Web Control)	-	-	✓	✓
	84	Wireless Manager	-	-	✓	✓
	85	Wireless Optional	ET-WML100 / AI-MW50	ET-WML100 / AI-MW50	-	-
	86	Presenter Light	✓*4	✓*4	-	-
	87	Wireless Projector	✓*4	✓*4	✓	✓
	88	Plug and Share	-	-	-	-
	89	Mirroring	-	-	✓	✓Miracast
	90	Easy Wireless Stick	-	-	-	-
	91	Black Board Mode	✓	✓	-	-
	92	White Board Mode	-	-	-	-
	93	Color board Modes	✓	✓	-	-
	94	USB-DC Outlet Terminal	✓	✓	✓	✓(900mA)
	95	USB Memory Viewer	✓	✓	✓(SD)	✓(SD)
96	USB Display Function	-	-	-	-	
97	LinkRay Compatible	-	-	-	-	
98	Scheduling Function	-	-	✓	✓	
99	ECO Management System	✓	✓	-	-	
100	Emulation Mode	✓	✓	-	-	
101	Power Management Reduces Downtime	-	-	-	-	
102	Presentation Support Function (P-Timer/Freeze)	✓	✓	-	-	
103	Startup Logo Function	✓	✓	✓	✓	
104	Anti-Theft and Security Measures	✓	✓	✓	✓	
105	Picture-in-Picture Mode	-	-	-	-	
Software	106	Multi Monitoring & Control Software	-	-	✓	✓
	107	Early Warning Software ET-SWA100 Series	✓	✓	✓	✓
	108	Remote Preview	-	-	-	-
	109	Smart Projector Control with NFC	-	-	-	-
	110	Smart Projector Control without NFC	-	-	-	-
	111	Smart Projector Auto Focus without NFC*6	-	-	-	-
	112	Real-Time Tracking Projection-Mapping System (ET-SWR10)	-	-	-	-

*1 Corresponding with special model (built-to order)

*2 Requires optional interface board (ET-MDNFB10)

*3 Requires optional interface board (ET-MDNHM10)

*4 Requires optional wireless module. Please see our website for functions and compatible application software. <https://panasonic.net/cns/projector/solution/wireless/>

*5 Requires the latest firmware. Register your projector at PASS to update firmware. Visit PASS at <https://panasonic.net/cns/projector/pass> for more information.

*6 Auto Focus function may not be supported when using some mobile devices.