



BenQ Projector Reference Guide | Q2 2019



Home Theater Projector: Entertainment Series



Home Theater Projector: CineHome Series



CinePrime Series

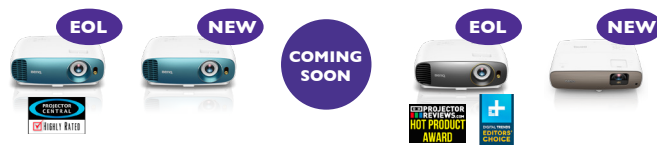


Model	MH530FHD	MH535FHD	TH671ST	HT2050A	HT2150ST	HT3050	HT4050	HT5550
Resolution	1080P (1920x1080)	1080P (1920x1080)	1080P (1920x1080)	1080P (1920x1080)	1080P (1920x1080)	1080P (1920x1080)	1080P (1920x1080)	4K UHD (3840 x 2160)
Brightness (ANSI lumens)	3300	3600	3000	2200	2200	2000	2000	1800
Contrast Ratio	15000:1	15000:1	10000:1	15000:1	15000:1	15000:1	10000:1	100000:1
Light Source Life	Normal 4500 hrs; Economic 6000 hrs; SmartEco 10000 hrs	Economic 10000 hrs; Normal 5000 hrs; SmartEco 15000 hrs	Economic 10000 hrs; LampSave 15000 hrs; Normal 4000 hrs; SmartEco 10000 hrs	Economic 5000 hrs; Normal 3500 hrs; SmartEco 7000 hrs	Economic 5000 hrs; Normal 3500 hrs; SmartEco 7000 hrs	Economic 5000 hrs; Normal 3500 hrs; SmartEco 7000 hrs	Normal 2000 hrs; Economic 3500 hrs; SmartEco 4000 hrs	Normal 4000 hours, Economic 10000 hours, SmartEco 8000 hours
Throw Ratio	1.37-1.64	1.37-1.64	0.69-0.83	1.15-1.5	0.69 - 0.83	1.15-1.5	1.15 - 1.86	1.36 - 2.18
Zoom Ratio	1.2x	1.2x	1.2x	1.3x	1.2x	1.3x	1.6x	1.6X
Keystone Adjustment	1D, Vertical \pm 40 degrees	1D, Vertical \pm 40 degrees	1D, Vertical \pm 40 degrees	2D, Vertical \pm 30 degrees; Horizontal: \pm 30 degrees	1D, Vertical \pm 40 degrees	2D, Vertical \pm 30 degrees; Horizontal: \pm 30 degrees	2D	1D, Vertical \pm 40 degrees
Projection Offset	107%	107%	102.5%	105%	102.5%	105%	Lens Shift: Vertical: +12.5%; Horizontal: \pm 2.5%	Lens Shift: Vertical: \pm 60% Horizontal: \pm 23%
Rec.709 Coverage	86%	N/A	92%	96%	96%	100%	100%	100%
HDMI	2	2	2	2	2	2	2	2
Speaker	2W x1	2W x1	5W x1	10W x1	5W x 2	10W x2	10W x 1	N/A
Warranty	3 years	3 years	3 years	3 years	3 years	1 year	3 years	3 years
Product Features	Up to 3300lm Brightness Dual HDMI and D-sub Long Lasting Lamp Hours	3600lm high brightness Dual HDMI and D-sub Long Lasting Lamp Hours	Up to 3300lm Brightness Dual HDMI and D-sub Short Throw	16.67ms low input lag for gamer; Accurate Color; 96% Rec. 709; 2D Keystone; Vertical Lens Shift	16.67ms low input lag for gamer; ISFccc® Certified Visual Calibration; Short Throw Lens (100" @ 4.9 feet)	Accurate Color 100% Rec.709, 3D Support, Vertical Lens Shift, Optional WFHD Kit (VDP02), Chamber Speaker	Accurate Color 100% Rec.709, CinemaMaster with Advanced AV Technologies, 2D Lens Shift for Extra Flexibility	4K UHD with 8.3 Million Pixel H+V Lens shift DCI-P3 HDR

CinePro Series



Home Theater: 4K Series



Personal



Model	HT8050	HT8060	HT9050	HT9060	TK800	TK800M	TK850	HT2550	HT3550	GVI
Resolution	4K UHD (3840x2160)	4K UHD (3840x2160)	4K UHD	4K UHD (3840x2160)	4K UHD (3840x2160)	4K UHD (3840x2160)	4K UHD (3840x2160)	4K UHD (3840x2160)	4K UHD (3840x2160)	VVGA (854x480)
Brightness (ANSI lumens)	2200	2200	2200	2200	3000	3000	3000	2200	2000	200
Contrast Ratio	50000:1	50000:1	50000:1	50000:1	10000:1	10000:1	30000:1	10000:1	30000:1	100000:1
Light Source Life	Normal 3000 hrs; Economic 4000 hrs; SmartEco 6000 hrs	Economic 4000 hrs; Normal 3000 hrs; SmartEco 6000 hrs	Normal 20000 hrs	20000 hrs	Economic 10000 hrs; Normal 4000 hrs; SmartEco 8000 hrs	Normal 4,000 hours SmartEco 8,000 hours Economic 10,000 hours LampSave 15,000 hours	Normal 4000 hours Economic 10000 hours SmartEco 15000 hours	Economic 10000 hrs; Normal 4000 hrs; SmartEco 8000 hrs	Economic 10000 hrs; Normal 4000 hrs; SmartEco 15000 hrs	Economic 30000 hrs; Normal 20000 hrs
Throw Ratio	1.36 - 2.03	1.36 - 2.03	1.36 - 2.03	1.36 - 2.03	1.47-1.76	1.50 - 1.6	1D, (Auto) Vertical \pm 30 degrees	1.47 - 1.76	1.13-1.47	1.3
Zoom Ratio	1.5x	1.5x	1.5x	1.5x	1.2x	1.1x	1.3 X	1.2x	1.3x	fixed
Keystone Adjustment	N/A	N/A	N/A	N/A	1D, (Auto) Vertical \pm 40 degrees	1D, (Auto) Vertical \pm 40 degrees	1D, (Auto) Vertical \pm 30 degrees	1D, Vertical \pm 40 degrees	"1D, Vertical \pm 40 degrees Lens Shift: Vertical: \pm 5%	1D, (Auto) Vertical \pm 40 degrees
Projection Offset	Lens Shift: Vertical: \pm 65% Horizontal: \pm 27%	Lens Shift: Vertical: \pm 65% Horizontal: \pm 27%	Lens Shift: Vertical: \pm 65% Horizontal: \pm 27%	Lens Shift: Vertical: \pm 65% Horizontal: \pm 27%	110%	110%	110%	110%	100% Lens shift +10%	N/A
Rec.709 Coverage	100%	100%	99% (DCI-P3: 96%)	99% (DCI-P3: 96%)	92%	96%	96%	96%	100% (DCI-P3: 95%)	N/A
HDMI	2	2	2	2	2	2	2	2	2	N/A
Speaker	N/A	N/A	N/A	N/A	5W x1	5W x1	5W x2	5W x1	5W x 2	5W Chamber
Warranty	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years
Product Features	4K UHD with 8.3 Million Pixel H+V Lens shift; THX Certification	4K, HDR, 3D, THX, RGBRGB, Rec.709, H+V L/S, CinemaMaster, ISF, 1.5x Big zoom	4K UHD with 8.3 Million Pixel 96% DCI-P3, LED, ISF Certification	4K, HLD, HDR, 3D, RGBRGB, CinematicColor, DCI-P3, Rec. 709, H+V L/S, CinemaMaster, ISF, 1.5x Big zoom	4K HDR10, 3D Support, Up to 3000lm Brightness Football Mode Vertical Auto Keystone	4K HDR10, 3D Support, Up to 3000lm Brightness Football Mode Vertical Auto Keystone	4K HDR10, 3D Support, Up to 3000lm Brightness, RGBRGB color wheel, HLG, Vertical Auto Keystone	4K HDR10, 3D support, Accurate Color 96% Rec.709, Auto Vertical Keystone, CinemaMaster V+, CinemaMaster A+	Short Throw, 4K HDR10, HLG, 3D support, Accurate Color 95% DCI-P3, 100% Rec.709, Lens shift, CinemaMaster V+, CinemaMaster A+, ISF	1. Wireless projection for multiple OS and devices 2. USB C DisplayPort and reader 3. 15" tilting lens and auto keystone 4. 3 hours battery life 5. Bluetooth speaker mode



BenQ Projector Reference Guide | Q2 2019



Interactive Classroom Projector



Large Venue Projector



Model	MX825ST	MW826ST	MW843UST	MW855UST	MW864UST	LX810STD	LW820ST	LW890UST	LH890UST	LU9235	LU9715	LU9915
Resolution	XGA (1024x768)	WXGA (1280x800)	WXGA (1280x800)	WXGA (1280x800)	WXGA (1280x800)	XGA (1024x768)	WXGA (1280x800)	WXGA (1280x800)	1080P (1920x1080)	WUXGA (1920x1200)	WUXGA (1920x1200)	WUXGA (1920x1200)
Brightness	3300	3400	3000	3500	3300	3000	3600	4000	4000	6000	8000	10000
Life	Normal 5000 hrs Economic 10000 hrs, SmartEco 10000 hrs, LampSave 15000 hrs	Normal 5000 hrs Economic 10000 hrs SmartEco 10000 hrs LampSave 15000 hrs	Normal 3500 hrs Economic 5000 hrs SmartEco 7000 hrs	Normal 3000 hrs Economic 4000 hrs SmartEco 6000 hrs	Normal 3000 hrs Economic 4000 hrs SmartEco 6000 hrs	Normal 20000 hrs Economic 25000 hrs	Normal 20000 hrs	Normal 20000 hrs	Normal 20000 hrs	Normal 20000 hrs Economic 38000 hrs Dimming 75000 hrs	Normal 20000 hrs Economic 45000 hrs Custom by 50% 85000 hrs	Normal 20000 hrs Economic 45000 hrs Custom by 50% 85000 hrs
Throw	0.61	0.49	0.37	0.35	0.23	0.61	0.52	.24	.23	Optional lens 0.778 – 5	Optional lens 0.377–8.26	Optional lens 0.377–8.26
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Optional lens up to 1.78x	Optional lens up to 1.65x	Optional lens up to 1.65x
Keystone	1D	1D	1D	2D	2D	1D	1D	2D	2D	2D	2D	2D
Lens Shift	N/A	N/A	N/A	Vertical: ±2%	N/A	N/A	N/A	N/A	N/A	Vertical & Horizontal	Vertical & Horizontal	Vertical & Horizontal
HDMI	2	2	1	2	2	2	2	2	2	2	1	1
Network	1	1	1	1	1	1	1	1	1	2	1	1
Speaker	10W x 1	10W x 1	10W x 2	10W x 2	10W x 2	10W x 2	10W x 1	10W x 1	10W x 1	7W x 2	N/A	N/A
Warranty	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years
Features	Short-throw interactive	Short-throw interactive	Ultra short-throw	Ultra short-throw interactive	Ultra short-throw interactive	Laser, Short-throw interactive	Laser, Short-throw interactive, Firmware update over LAN	Laser, Ultra short-throw interactive	Laser, Ultra short-throw interactive	Laser, Optional lens	Laser, Optional lens, Motorized lens, HDBaseT	Laser, Optional lens, Motorized lens, HDBaseT

Business Projector: Small and Medium Meeting Room Projector



Business Projector: High Brightness 1080p Series



Model	MS524AE	MW526AE	MS535A	MW535A	MH535A	MW632ST	MW612	MH733	MH750	MH760	
Resolution	SVGA (800x600)	WXGA (1280x800)	SVGA (800x600)	WXGA (1280x800)	1080P (1920x1080)	WXGA (1280x800)	WXGA (1280x800)	1080P (1920x1080)	1080P (1920x1080)	1080P (1920x1080)	
Brightness (ANSI lumens)	3300	3300	3600	3600	3600	3200	4000	4000	4500	5000	
Contrast Ratio	15000:1	15000:1	15000:1	15000:1	15000:1	13000:1	20000:1	16000:1	10000:1	3000	
Light Source Life	Economic 6000 hrs Normal 4500 hrs SmartEco 10000 hrs	Economic 6000 hrs Normal 4500 hrs SmartEco 10000 hrs	Economic 10000 hrs Normal 5000 hrs SmartEco 15000 hrs	Economic 10000 hrs Normal 5000 hrs SmartEco 15000 hrs	Economic 10000 hrs Normal 5000 hrs SmartEco 15000 hrs	Economic 6000 hrs LampSave 10000 hrs Normal 4000 hrs SmartEco 6500 hrs	Economic 10000 hrs LampSave 15000 hrs Normal 4000 hrs SmartEco 8000 hrs	Economic 8000 hrs LampSave 15000 hrs Normal 4000 hrs SmartEco 8000 hrs	Economic 8000 hrs LampSave 15000 hrs Normal 4000 hrs SmartEco 8000 hrs	Economic 3500 hrs Normal 2500 hrs SmartEco 4500 hrs	Normal 2000 hrs Economic 2500 hrs
Throw Ratio	1.94-2.32	1.55-1.86	1.94-2.32	1.55-1.86	1.37-1.64	0.72-0.87	1.55-1.7	1.15-1.5	1.15 -1.49	1.15-1.5	
Zoom Ratio	1.2x	1.2x	1.2x	1.2x	1.2x	1.2x	1.1x	1.3x	1.3x	1.3x	
Keystone	1D, Vertical ± 40 degrees	1D, Vertical ± 40 degrees	1D, Vertical ± 40 degrees	1D, Vertical ± 40 degrees	1D, Vertical ± 40 degrees	1D, Vertical ± 40 degrees	1D, Vertical ± 30 degrees	2D, (Auto) Vertical ± 30 degrees/ Horizontal ± 20 degrees	2D, Vertical ± 30 degrees; Horizontal ± 30 degrees	2D, Vertical ± 30 degrees; Horizontal ± 30 degrees	
Projection Offset	106%	104%	106%	104%	107%	105%	100%	115%	130%	109%	
HDMI	2	2	2	2	2	1	2	2	2	2	
Speaker	2W x 1	2W x 1	2W x 1	2W x 1	2W x 1	10W x 1	2W x 1	10W x 1	10W	10W x 2	
Warranty	1 year	1 year	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	
Product Features	3300lm high brightness Dual HDMI and D-sub Long lasting lamp hours	3300lm high brightness Dual HDMI and D-sub Long lasting lamp hours	3600lm high brightness Dual HDMI and D-sub Long Lasting Lamp Hours	3600lm high brightness Dual HDMI and D-sub Long Lasting Lamp Hours	3600lm high brightness Dual HDMI and D-sub Long Lasting Lamp Hours	0.9 Short Throw Dual HDMI Long Lasting Lamp Hours	Dual HDMI and MHL Support USB Type A Power 5V/1.5A Support for Wireless Dongle	LAN control Network Display USB Reader 2D Keystone Adjustment	2D Keystone Adjustment MHL Support USB Type A Power 5V/1.5A Support for Wireless Dongle LAN Control	Central Lens for flexible installation 2D keystone adjustment 3D support Lan Control	



BenQ Projector Reference Guide | Q2 2019



Meeting Room Projector with Network Control



Model	MX570	MW571H	MX707	MX731	MW732	LX720	LW720	LH720
Resolution	XGA (1024x768)	WXGA (1280x800)	XGA (1024x768)	XGA (1024x768)	WXGA (1280x800)	XGA (1024x768)	WXGA (1280x800)	1080P (1920x1080)
Brightness	3200	3300	3500	4000	4000	4000	4000	4000
Light Source Life	Normal 4000 hrs;Economic 6000 hrs;SmartEco 6500 hrs;LampSave 10000 hrs	Normal 4000 hrs;Economic 6000 hrs;SmartEco 6500 hrs;LampSave 10000 hrs	Normal 5000 hrs;Economic 10000 hrs;SmartEco 15000 hrs;LampSave 15000 hrs	Normal 4000 hrs;Economic 8000 hrs;SmartEco 8000 hrs;LampSave 15000 hrs	Normal 4000 hrs;Economic 8000 hrs;SmartEco 8000 hrs;LampSave 15000 hrs	Normal 20000 hrs	Normal 20000 hrs	Normal 20000 hrs
Throw Ratio	1.51~1.97	1.21~1.57	1.51~1.97	1.51~1.97	1.21~1.57	1.82~2.81	1.45~2.24	1.38~2.13
Zoom Ratio	1.3x	1.3x	1.3x	1.3x	1.3x	1.5x	1.5x	1.5x
Keystone	1D	1D	1D	2D	2D	2D	2D	2D
Lens Shift	N/A	N/A	NA	N/A	N/A	Vertical: +24%	Vertical: +12.5%	Vertical: 116% +14%
HDMI	1	1	2	2	2	2	2	2
Network	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Speaker	10W x 1	10W x 1	10W x 1	10W x 1	10W x 1	10W x 1	10W x 1	10W x 1
Warranty	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years
Features	10,000hr life, Network	10,000hr life, Network	15,000hr life, Network	15,000hr life, Network Display	15,000hr life, Network Display	Laser;Firmware update over LAN	Laser;Firmware update over LAN	Laser;Firmware update over LAN

Installation Projector



Model	LX770	LH770	SU922	LU950	LK952	LU951ST	LK953ST	LK970	LK990
Resolution	XGA (1024x768)	1080P (1920x1080)	WUXGA (1920x1200)	WUXGA (1920x1200)	4K UHD (3840x2160)	WUXGA (1920x1200)	4K UHD (3840x2160)	4K UHD (3840x2160)	4K UHD (3840x2160)
Brightness	5000	5000	5000	5000	5000	5000	5000	5000	6000
Light Source Life	Normal 20000 hrs	Normal 20000 hrs	Normal 2000 hrs;Economic 2500 hrs	Normal 20000 hrs	Normal 20000 hrs	Normal 20000 hrs	Normal 20000 hrs	Normal 20000 hrs	Normal 20000 hrs
Throw Ratio	1.81~2.79	1.38~2.13	1.07~1.71	1.36 ~ 2.18	1.36 ~ 2.18	0.81 ~ 0.88	0.81 ~ 0.88	1.38~2.02	1.38~2.02
Zoom Ratio	1.5x	1.5x	1.6x;Fixed	1.6x	1.6x	1.1x	1.1x	1.46x	1.46x
Keystone	2D	2D	2D	2D	2D	2D	2D	N/A	N/A
Lens Shift	Vertical: 124.5% ±7.8%;Horizontal: 0% ±6.3%	Vertical: 125.7% ±7.9%;Horizontal: 0% ±4.8%	Vertical: +2.5%	Vertical: ±60% Horizontal : ±23%	Vertical: ±60% Horizontal : ±23%	Vertical: ±60% Horizontal : ±23%	Vertical: ±60% Horizontal : ±23%	Vertical: ±60% Horizontal : ±25%	Vertical: ±60% Horizontal : ±25%
HDMI	2	2	2	3	3	3	3	2	3
Network	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Speaker	10W x 1	10W x 1	10W x 2	10W x 1	10W x 1	10W x 1	10W x 1	N/A	N/A
Warranty	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years
Features	Laser, 95% Rec.709	Laser, 95% Rec.709	Central lens	Laser, HDMI-out, HDBaseT	Laser, 4K, HDR, HDMI-out, HDBaseT	Laser, Short-throw, HDMI-out, HDBaseT	Laser, Short-throw, 4K, HDR, HDMI-out, HDBaseT	Laser, 4K, 94% Rec.709, ISF	Laser, 4K, HDR, 3D, HDBaseT

BenQ America Corp.
www.BenQ.us

BenQ is a registered trademark of BenQ Corp. All rights reserved. Product names, logos, brands and other trademarks featured or referred to in this material are the property of their respective trademark holders. Specifications subject to change without notice.



Because it matters