Home Theatre Projector EH-TW6250





4K PRO-UHD AND BUILT-IN ANDROID TVTM FOR SEAMLESS STREAMING ENTERTAINMENT

Supersize your favourite films, games and streaming content with this 4K PRO-UHD¹ home cinema projector with built-in Android TV^{™2}. Enjoy seamless access to popular streaming services and apps³, and cast entertainment to a smart, flexible display solution with Android TV[™]. Stunning clarity and crisply defined details, plus excellent connectivity, easy set-up and alignment make this projector the ultimate choice to watch, play and do everything you love on the big screen.



Impressive, bright display

Equally high white and colour light output of 2,800 lumens and a contrast ratio of 35,000:1.

"Source: Futuresource Quarterly Market Insight Report, FY2023.

Simple set up

Compact, lightweight and easy to move. Vertical lens shift, x1.6 zoom, and keystone correction ensure it's fuss free to position the picture.

Enhanced gaming experience

Lag time of less than 20 ms and images reaching up to 1,270 cm (500") with deep blacks and increased brightness.

SPECIFICATIONS EH-TW6250



MODEL NUMBER Projection System		EH-TW6250 3LCD Technology, RGB liquid crystal shutter system
LCD		1 EE am (0 G1 inch) (C0 fina)
LCD	Size	1.55 cm (0.61 inch) (C2 fine)
	Driving Method	Poly-silicon TFT active matrix
	Pixel Number	2073600 dots (1920 x 1080) x 3
	Native Resolution	Full HD - 4K PRO-UHD
	Aspect Ratio	16:09
	Pixel Arrangement	Cross stripe
Projection Lens	Туре	Optical Zoom (Manual) / Focus (Manual)
	F-Number	1.49 - 1.77
	Focal Length	18.2 mm - 29.2 mm
	Zoom Ratio	1 - 1.62
	Throw Ratio Range	1.33 (Zoom:Wide), 2.16 (Zoom:Tele)
Screen Size	Zoom:	40" to 500" [1.15 to 14.83 m]
Light Source	Туре	Lamp
	Light Source Life (Normal)	4500 hours
	Light Source Life (ECO)	7500 hours
White Light Output		2800 lm
White Light Output		2800 lm 2800 lm
Color Light Output		
Contrast	Dynamic Contrast:	35000:1
Light Output Unifor	-	85% (Zoom, Wide, Lens shift:V10:0)
Color Reproduction		Up to 1.07 billion colors
Internal Speaker(s)	Sound Output	10 W Monaural
	Dimension	50 mm in diameter x 1
Remote Control (Di	stance)	6 m
Remote Control (An	ngle, Front)	Right / Left : -30 to +30 degrees, Upper / Lower : +15 to -15 degrees
Remote Control (An	ngle, Rear)	N/A
Projection Orientation		Desktop, Ceiling mount
V Keystone		-30 degrees to +30 degrees
-	Frequency Range (HDMI) Pixel Clock	-30 degrees to +30 degrees
-		
Effective Scanning	Pixel Clock Horizontal	NA NA
Effective Scanning	Pixel Clock Horizontal Vertical	NA NA NA
Effective Scanning	Pixel Clock Horizontal Vertical Digital	NA NA NA 1
Effective Scanning Video I/O Audio I/O	Pixel Clock Horizontal Vertical Digital	NA NA NA 1 N/A
H Keystone Effective Scanning Video I/O Audio I/O Control I/O USB-I/O	Pixel Clock Horizontal Vertical Digital	NA NA NA 1 N/A 1
Effective Scanning Video I/O Audio I/O Control I/O	Pixel Clock Horizontal Vertical Digital IN Out Type A	NA NA NA 1 N/A 1 NA
Effective Scanning Video I/O Audio I/O Control I/O USB-I/O	Pixel Clock Horizontal Vertical Digital IN Out Type A Type B	NA NA NA 1 N/A 1 NA NA
Effective Scanning Video I/O Audio I/O Control I/O	Pixel Clock Horizontal Vertical Digital IN Out Type A Type A Type B tions Version	NA NA NA 1 N/A 1 NA 1 Ver. 5.0
Effective Scanning Video I/O Audio I/O Control I/O USB-I/O	Pixel Clock Horizontal Vertical Digital IN Out Type A Type A Type B tions Version Communication distance	NA NA NA 1 N/A 1 NA NA 1 Ver. 5.0 Approx. 10m
Effective Scanning Video I/O Audio I/O Control I/O USB-I/O	Pixel Clock Horizontal Vertical Digital IN Out Type A Type A Type B tions Version Communication distance Supported Profiles	NA NA NA 1 N/A 1 NA 1 Ver. 5.0 Approx. 10m A2DP, AVRCP
Effective Scanning Video I/O Audio I/O Control I/O USB-I/O	Pixel Clock Horizontal Vertical Digital IN Out Type A Type A Type B tions Version Communication distance Supported Profiles Frequency used	NA NA NA 1 N/A 1 NA 1 Va 1 Ver. 5.0 Approx. 10m A2DP, AVRCP 2.4 GHz
Effective Scanning Video I/O Audio I/O Control I/O USB-I/O Bluetooth specifica	Pixel Clock Horizontal Vertical Digital IN Out Type A Type B Version Communication distance Supported Profiles Frequency used Supported codecs	NA NA NA 1 N/A 1 NA 1 NA 1 VA 1 SBC
Effective Scanning Video I/O Audio I/O Control I/O USB-I/O	Pixel Clock Horizontal Vertical Digital IN Out Type A Type A Type B tions Version Communication distance Supported Profiles Frequency used	NA NA NA 1 N/A 1 NA 1 Va 1 Ver. 5.0 Approx. 10m A2DP, AVRCP 2.4 GHz
Effective Scanning Video I/O Audio I/O Control I/O USB-I/O Bluetooth specifica	Pixel Clock Horizontal Vertical Digital IN Out Type A Type B Version Communication distance Supported Profiles Frequency used Supported codecs Wireless LAN IEEE	NA NA NA 1 N/A 1 NA 1 NA 1 VA 1 VA 1 VA 1 NA 1 Ver. 5.0 Approx. 10m A2DP, AVRCP 2.4 GHz SBC
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Effective Scanning Video I/O Audio I/O Control I/O USB-I/O Bluetooth specificat Supported speed for Supported modes	Pixel Clock Horizontal Vertical Digital IN Out Type A Type B titions Version Communication distance Supported Profiles Frequency used Supported codecs Wireless LAN IEEE ions (Wireless LAN) each mode	NA NA NA 1 N/A 1 NA 1 NA 1 Ver. 5.0 Approx. 10m A2DP, AVRCP 2.4 GHz SBC NA NA NA
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Effective Scanning Video I/O Audio I/O Control I/O USB-I/O Bluetooth specificat Bluetooth specificat Supported speed for Supported modes Operating Tempera Operating Altitude Direct Power On/Of	Pixel Clock Horizontal Vertical Digital IN Out Type A Type B Type B Type B Type B Communication distance Supported Profiles Frequency used Supported codecs Wireless LAN IEEE ions (Wireless LAN) each mode	NA NA NA 1 N/A 1 NA 1 NA 1 Var. 5.0 Approx. 10m A2DP, AVRCP 2.4 GHz SBC NA SBC NA 5 °C to 35 °C <41 °F to 95 °F> (0m / 0ft to 2286 m / 7500 ft) 5 °C to 30 °C <41 °F to 86 °F> (over 2286 m / 7500 ft) 0m to 3048m (0ft to 10000ft) (over 1500 m / 4,921 ft :with High altitude moc Yes
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Effective Scanning Video I/O Audio I/O Control I/O USB-I/O Bluetooth specificat Supported speed for Supported modes Operating Tempera Operating Altitude Direct Power On/Of Start-up Period Cool Down Period Power Supply Volta	Pixel Clock Horizontal Vertical Digital IN Out Type A Type B Version Communication distance Supported Profiles Frequency used Supported codecs Wireless LAN IEEE ions (Wireless LAN) each mode ture	NA NA NA 1 N/A 1 NA 1 NA 1 NA 1 NA 1 Ver. 5.0 Approx. 10m A2DP, AVRCP 2.4 GHz SBC NA SBC NA S°C to 35 °C <41 °F to 95 °F> (0m / 0ft to 2286m / 7500 ft) 5 °C to 30 °C <41 °F to 95 °F> (over 2286 m / 7500 ft) 5 °C to 30 °C <41 °F to 86 °F> (over 2286 m / 7500 ft) 0m to 3048m (0ft to 10000ft) (over 1500 m / 4,921 ft :with High altitude mod Yes Less than 15 seconds Warm-up period: 30 seconds Less than 5 seconds
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Effective Scanning Video I/O Audio I/O Control I/O USB-I/O Bluetooth specificat Supported speed for Supported modes Operating Tempera Operating Altitude Direct Power On/Of Start-up Period Cool Down Period Power Supply Volta	Pixel Clock Horizontal Vertical Digital IN Out Type A Type B Version Communication distance Supported Profiles Frequency used Supported codecs Wireless LAN IEEE ions (Wireless LAN) each mode ture ff ECO Mode: Normal Mode:	NA NA NA NA 1 N/A 1 NA 1 NA 1 NA 1 NA 1 Ver. 5.0 Approx. 10m A2DP, AVRCP 2.4 GHz SBC NA NA NA SBC NA NA SBC NA SBC NA SBC NA SC to 35 °C <41 °F to 95 °F> (0m / 0ft to 2286m / 7500 ft) 5 °C to 30 °C <41 °F to 95 °F> (over 2286 m / 7500 ft) 0m to 3043m (0ft to 10000ft) (over 1500 m / 4,921 ft :with High altitude mod Yes Less than 15 seconds 100 - 240 V AC +/- 10%, 50/60 Hz 231 W
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EH-TW6250
3LCD Technology, RGB liquid crystal shutter system
1.55 cm (0.61 inch) (C2 fine)
Poly-silicon TFT active matrix
2073600 dots (1920 x 1080) x 3
Full HD - 4K PRO-UHD
16:09
Cross stripe
Optical Zoom (Manual) / Focus (Manual)
1.49 - 1.77
18.2 mm - 29.2 mm
1 - 1.62
1.33 (Zoom:Wide), 2.16 (Zoom:Tele)
40" to 500" [1.15 to 14.83 m]
Lamp
4500 hours
7500 hours
2800 lm
2800 lm
35000:1
85% (Zoom, Wide, Lens shift:V10:0)
Up to 1.07 billion colors
10 W Monaural
50 mm in diameter x 1
6 m
Right / Left : -30 to +30 degrees, Upper / Lower : +15 to -15 degrees
N/A
Desktop, Ceiling mount
-30 degrees to +30 degrees
-30 degrees to +30 degrees
NA
NA
NA
1
N/A
1
NA
NA
1

EH-TW6250 Dimensions & Weight Weight: Approx. 4.1 kg



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Information correct as of January 2025

*This is the standard number, not the guaranteed performance.

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