

Immersive Large Screen Full HD 3D Excitement



The PT-AE7000U has been redesigned from the ground up to achieve higher basic 2D performance and packed with unique 3D features to deliver the 3D quality demanded by the Hollywood professionals.

Stunning Picture Quality with Excellent Dynamic Range

- Outstanding 300,000:1 contrast ratio and 2,000 lumens of brightness.
- 1080p (1,920 x 1,080 pixel) resolution
- New 200W Red-Rich Lamp increases red luminance and output to produce brighter images with excellent colors.
- High-precision optical system features original aspherical lenses, new 480Hz compatible LCD panels with a larger aperture ratio, and fully re-engineered Pure Contrast Plates, Pure Color Filter Pro, Dynamic Iris Pro and HD-optimized Smooth Screen.
- 7 different picture modes (normal, dynamic, Rec. 709, D-cinema, cinema 1, cinema 2 and game mode for reduced frame delay) automatically detect 2D, 3D signal for optimized picture quality

Comfortable 3D Viewing Experience

- New 480-Hz panel drive system and carefully tuned Overdrive Technology significantly reduces 3D crosstalk (double images).
- 2D high quality image processing, including Frame Creation and Detail Clarity Processor, can now be enjoyed in 3D with the incorporation of the newly developed dual core processing engine.
- Safe 3D viewing is assured by 9-mode screen size selection, Panasonic's proprietary 3D Viewing Monitor for adjustment of depth-of-field, and 3D Picture Balance capability with dual Waveform Monitor.
- 2D-3D Conversion feature with five different 3D effect selections.
- Compatible 3D input format include frame packing, side by side, top and bottom and native signals.
- Precisely tuned 3D projection for the Panasonic VIERA 3D Eyewear (sold separately).
- A built-in 3D Eyewear shutter control IR transmitter.
- Optional 3D IR transmitter with longer transmission range for more setting flexibility.

Customization and Installation Flexibility

- Intelligent Lens Memory with auto detection: automatic image size optimization between 16:9 and 2.35:1 video content.
- Professional-level features for 2D images: Waveform Monitor, Advanced Gamma Adjustment, Split Adjust, Cinema Color Management Premium, Point Color Correction, Six Color Correction mode.
- Three HDMI™ inputs (supporting x.v.Color™ and Deep Color)
- Two programmable 12-volt trigger terminals and VIERA Link®.
- 2x optical power zoom/focus
- H/V lens shift (horizontal $\pm 26\%$, vertical $\pm 100\%$)
- Environment-friendly, extremely low standby power consumption of 0.08 W.
- Easy filter/lamp replacement
- Made in Japan

Specifications (Tentative)

Power supply	100–240 V AC, 50/60 Hz	Terminals	
Power consumption	285 W (0.08 W in standby mode with fan stopped.)	HDMI IN	HDMI connector × 3, HDMI™ (Deep Color, x.v.Color™*7, CEC*8), HDCP compliant, supports HDAVI Control Version 5
LCD*1 panel		COMPUTER (RGB) IN	D-sub HD 15-pin (female) × 1 (RGB/YPbPr × 1)
Panel size	18.7 mm (0.74 in) diagonal (16:9 aspect ratio)	COMPONENT IN	RCA pin × 3 (YPbPr/YCbCr)
Display method	Transparent LCD panel (× 3, R/G/B)	TRIGGER IN/OUT	12 V, max. 100 mA (input/output/3D transmitter output selectable using on-screen menu)
Drive method	Active matrix	VIDEO IN	RCA pin × 1
Pixels	2,073,600 (1,920 × 1,080) × 3, total of 6,220,800 pixels	S-VIDEO IN	Mini DIN 4-pin × 1
Lamp*2	200 W UHM lamp	SERIAL IN	D-sub 9-pin × 1 for external control (RS-232C compliant)
Lens	Powered zoom/focus lenses (1.35:1–2.7:1), F 1.9–3.2, f 22.4–44.8 mm	Power cord length	3.0 m (9 ft 10 in)
Projection size		Cabinet materials	Molded plastic (PC+ABS)
2D projection	1.02–7.62 m (40–300 inches)	Dimensions (W × H × D)	470 mm × 137 mm × 345 mm*9 (18-17/32" × 5-13/32" × 13-19/32")*9
3D projection	1.02–5.08 m (40–200 inches)	Weight*10	Approx. 8.7 kg (19.2 lbs)
Throw distance	1.16–18.08 m (3 ft 10 in to 59 ft 4 in)	Operating temperature	0°–40°C (32°–104°F)
Colors	Full color (1,073,741,824 colors)	Operating humidity	20%–80% (no condensation)
Brightness*3	2,000 lumens*4	Remote control unit	
Center-to-corner uniformity ratio*3	85%	Power supply	3 V DC (R6/AA type battery × 2)
Contrast ratio*3	300,000:1*5 (full on/full off)	Operation range*11	Approx. 7 m (23 ft) when operated from directly in front of the signal receptor
Resolution	1,920 × 1,080 pixels	Dimensions (W × H × D)	48 × 138 × 28.3 mm (1-7/8" × 5-7/16" × 1-1/8")
Scanning frequency		Weight	Approx. 125 g (4.4 oz) (including batteries)
RGB	fh: 15 kHz–74 kHz, fv: 24 Hz–85 Hz, dot clock: 154 MHz or lower	Supplied accessories	Power cord (× 1) Wireless remote control unit (× 1) Batteries for remote control (R6/AA type × 2) Lens cover (× 1)
YPbPr (YCbCr)	480i (525i), 576i (625i), 480p (525p), 576p (625p), 720 (750)/60p, 720 (750)/50p, 1080 (1125)/60i, 1080 (1125)/50i, 1080 (1125)/24p, 1080 (1125)/60p, 1080 (1125)/50p	Optional accessories	
Video/S-Video	fh: 15.75 kHz, fv: 60 Hz [NTSC/NTSC4.43/PAL-M/PAL60] fh: 15.63 kHz, fv: 50 Hz [PAL/PAL-N/SECAM] Vertical: ±100%, horizontal: ±26% Vertical: approx. ±30°	Replacement lamp unit	ET-LAA310
Optical axis shift*6		Ceiling mount bracket for high ceilings	ET-PKA110H
Keystone correction range		Ceiling mount bracket for low ceilings	ET-PKA110S
Installation	Ceiling/desk, front/rear (menu selection)	3D eyewear	TY-EW3D2L*12 TY-EW3D2M*12 TY-EW3D2S*12
On-screen menu languages	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Swedish, Danish, Norwegian, Polish, Czech, Hungarian, Portuguese, Thai, Japanese	3D IR transmitter	ET-TRM110

- *1 The projector uses a type of liquid crystal panel that typically consists of millions of pixels. This panel is built with very high-precision technology to provide the finest possible image. Occasionally, a few pixels may remain turned on (bright) or turned off (dark). Please note that this is an intrinsic characteristic of the manufacturing technology that affects all products using LCD technology.
- *2 The projector uses a high-voltage mercury lamp that contains high internal pressure. This lamp may break, emitting a large sound, or fail to illuminate, due to impact or extended use. The length of time that it takes for the lamp to break or fail to illuminate varies greatly depending on individual lamp characteristics and usage conditions.
- *3 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.

- *4 In dynamic mode, with dynamic iris on.
- *5 In cinema 1 mode, with dynamic iris on.
- *6 Shift range is limited during simultaneous horizontal and vertical shifting.
- *7 Effective in Rec. 709 picture mode.
- *8 CEC is an abbreviation for Consumer Electronics Control. Operation may not be possible with some connected equipment or settings.
- *9 Lens and legs not included.
- *10 Average value. May differ depending on models.
- *11 Operation range differs depending on environments.
- *12 Suffix to the model names differ from region to region.

Panasonic®

For more information about Panasonic projectors
<http://panasonic.net/avc/projector>



JQA-QMA14392



Factories of Business Solutions Business Group have received ISO 14001:2004—the Environmental Management System certification (except for third parties' peripherals).

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