

NEW PRODUCT INFORMATION

New Home Cinema Projector

PT-AE100



Enjoy the Powerful, High-Quality Images of Cinema in your own Living Room.

The home cinema market has grown steadily over the last few years, due mainly to the expansion in demand for DVD players and the lower pricing of surround systems. Now Panasonic introduces the PT-AE100 Home

Cinema Projector. The PT-AE100 allows you easy access to 80 inches of powerful, high-quality images, in your own home. Liquid crystal projectors are the next generation of video monitors for the home.

But this projector is not just for the home. Its lightness and portability also makes it ideal for use at parties and events, even outdoors. Its potential for use in business and entertainment is unlimited.

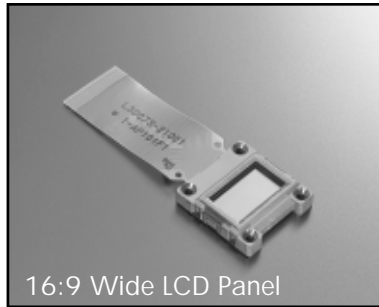
KEY FEATURES

1. Uses a widescreen, 16:9 aspect ratio LCD panel to produce powerful images.
2. The short-throw lens makes it possible to produce an 80-inch screen from a distance of just 2.5 metres.
3. Includes a new High-Quality Optical System to produce bright, easy-on-the eye images.
4. New fan technology reduces noise.
5. Up to 5000-hours life from the lamp.



1. Uses a widescreen, 16:9 aspect ratio LCD panel to produce powerful images.

This is the first time a widescreen, 16:9 aspect ratio LCD panel has been used in a projector of this class. It is this technology that makes the high-quality, large-screen images possible. Component connectors mean you can enjoy the outstanding widescreen video found on DVDs.



16:9 Wide LCD Panel

3. The short-throw lens makes it possible to produce an 80-inch screen from a distance of just 2.5 metres.

Experience a large screen without using up a lot of room. Consider the space you would need to achieve an 80-inch screen with traditional monitor technology. Now consider that you can achieve the same size screen with a projector that has a footprint the size of a letter pad, from a distance of only 2.5 metres.



Extra Short-throw Lens

2. Includes a new High-Quality Optical System to produce bright, easy-on-the eye images.

The new panel and newly developed 120W lamp means you get the optimum brightness and contrast needed for cinema. The optical and electrical technology used in this projector realizes a level of colour reproduction that has not been achieved before in this class of projector.

4. New fan technology reduces noise.

Fan noise won't bother you during the movie because we have developed a new, quieter fan. We have also reduced the lamp light that leaks from the fan by using two blades.

5. Up to 5000-hours life from the lamp.

We have included a built-in clock to reduce energy consumption. So now the life of the lamp has been extended from 2000 hours to an amazing maximum of 5000 hours when you use the economy mode.

Specifications

Projection System:	3 LCD panels, 1 lense, 3-primary-colors standard	
LCD panel:	0.7-width LCD Panel (x 3)	
Pixels:	Approx. 1,240,000 pixels	
Lense:	Manual zoom and focus (1X - 1.2X)	
Lamp:	120W UHM lamp	
Screen:	40 - 200 type (Aspect ratio 16:9)	
Color system:	NTSC/NTSC4,43/PAL/PAL-M/N/SECAM	
Compatible Signal:	Horizontal: 15kHz - 70kHz, Vertical: 50Hz - 87Hz DTV (525i, 525p, 625i, 1125i, 750p)	
Brightness:	700 ANSI lumens (lamp on high mode)	
Contrast:	500:1 (all white/all black)	
Speaker:	Max 2W (mono)	
Power Supply:	100VAC, 50/60Hz	
Power Usage:	180W (0.5W on standby)	
Dimensions:	280w x 85h x 243mm depth *Lense, footing included	
Weight:	Approx. 2.7Kg	
Input Ports:	S-video input:	Mini-DIN4-pin connector x1
	Video input:	Pin jack x1
	Component video input:	Component input x1
	PC input (RGB):	D-sub15p x1
	Audio input:	Stereo pin jack x2, M3 jack
Supplied Accessories:	AC code (3m), carrying bag, AV cable (3m), remote control, lense cap, user's manual	

Optional Accessories

Screen: (ET-SR90CT) (ET-SR70CT)	Ceiling mount: ET-PKE100
Elector mount: ET-ERE100	Image cable: ET-SC10CP
Image cable: ET-SC10DT	Replacement Lamp: ET-LAE100
Tripod: ET-TS1	

Projection setting example

	Projection screen size (WxH)		Projection distance	
60 inches	1328x747mm	(4.4'x2.5')	1.9m - 2.2m	(6.5' - 7.2')
80 inches	1771x996mm	(5.8'x3.3')	2.5m - 2.9m	(8.2' - 9.5')
100 inches	2214x1245mm	(7.3'x4.1')	3.1m - 3.7m	(10.2' - 12.1')
150 inches	3320x1868mm	(10.9'x6.1')	4.7m - 5.6m	(15.4' - 18.4')
200 inches	4427x2490mm	(14.5'x8.2')	6.2m - 7.4m	(20.3' - 24.3')



Rear Panel

[Size figure]

