

NEW PRODUCT INFORMATION

New Home Cinema Projector

PT-AE100



**In the comfort of your own home,
enjoy cinema with powerful, high-quality images.**

Now you can enjoy the powerful, high-quality video cinema images associated with DVDs, plus the sound quality of surround systems, in the comfort of your own home. New from Panasonic, the PT-AE100 Home Cinema Projector achieves the powerful, high-quality images essential for a

true home cinema experience. And the PT-AE100 can do far more than just home cinema. Connect it to a game machine and prepare to be blown away by the latest video games played on a big screen. Connect it to a PC and enjoy surfing the vastness of the Internet, including giant-sized video mail.

Weighing in at just 2.7 kg, you can make the most of its lightness and portability by taking it to parties and even outdoor events. Enhance your visual entertainment with a next-generation Panasonic Home Cinema Projector, the PT-AE100.

KEY FEATURES

- Incorporates a widescreen, 16:9 aspect ratio LCD panel.
- Enables display of larger images in small rooms using an extra-short throw lens.
- Projects high-quality images with a unique optical system.
- Equipped with a quiet fan and 5000-hour long-life lamp.

* In low power mode.



●Incorporates a widescreen, 16:9 aspect ratio LCD panel.

For the first time ever in the industry, Panasonic has employed the 0.7" Native Wide Polysilicon TFT LCD Panel in the PT-AE100. This makes for both a stunningly wide screen and superbly high-quality pictures. It also features a multitude of component connectors, including Video, S-Video, Component and PC input terminals, so you can now enjoy the most outstanding widescreen video experience available.



16:9 Wide LCD Panel

●Enables display of larger images in small rooms using an extra-short throw lens.

The extra-short throw lens makes it possible to produce a large display in the smallest of rooms. Experience a large screen without the need of a huge space. This projector has a footprint the size of a letter pad, but can still produce a large widescreen picture.



Extra Short-throw Lens

Compare that to the space taken by a traditional-technology large-screen television—and can that generate an 80" 16:9 diagonal image within just 2.5 metres?

●Projects high-quality images with a unique optical system.

The newly developed optical system and unique-to-Panasonic 120 W UHM lamp make brightness and contrast absolutely optimum. A 10-bit Digital gamma correction circuit realizes the most true-to-life colour reproduction available today, with ultra-smooth shading and image generation.

●Equipped with a quiet fan and 5000-hour long-life lamp. *In low power mode.

Less noise and a longer life.

Noise has been reduced with a new quieter fan, and by using twin blades, light that leaks from the grill is also cut down.

A built-in clock reduces energy consumption and extends lamp life to an amazing 5000 hours. (Low-mode; 2000 hours in High-mode.)

Specifications

Power supply:	AC : 100 V - 240 V, 50 Hz / 60 Hz
Power consumption:	180 W (0.7 W on standby)
LCD panel:	0.7"(diagonal) polysilicon TFT Wide LCD Panel(x3)
Pixels:	Approx. 1,240,000 pixels
Lens:	Manual zoom(1 - 1.2) / focus lens F 2.0 - 2.3, f 22.0 mm - 26.2 mm
Lamp:	120W UHM lamp
Brightness:	700 ANSI lumens
Scanning frequency:	
for RGB signals:	fH 30 kHz - 70 kHz, fV 50 Hz - 87 Hz
YPbPr signals:	525i(480i), 625i, 525p(480p), 750p(720p), 1125i(1080i)
Colour system:	NTSC/NTSC4.43/PAL/PAL-M/PAL-N/SECAM
Projection size:	40" - 200" (16:9 Aspect ratio)
Throw distance:	1.2 m - 7.4 m (3'11" - 24'3")
Installation:	Front/Rear/Ceiling/Desk
Audio:	2 W (mono)
Input:	
VIDEO IN:	S-VIDEO : Mini DIN 4-pin VIDEO : RCA pin jack AUDIO : RCA pin jack x 2 (L-R)
PC IN:	RGB : D-SUB HD 15-pin, AUDIO : Stereo mini Jack
COMPONENT IN:	RCA pin jack x 3 AUDIO : RCA pin jack x 2 (L-R)
Dimensions (WxHxD):	280 mm (11") x 85 mm (3-11/32") x 242 mm (9-17/32") (included lens)
Weight:	2.7 kg (6.0 lbs.)
Operating environment:	
Temperature:	0 °C - 40 °C (32 °F - 104 °F)
Humidity:	20% - 80% (no condensation)
Supplied Accessories:	AC cord (3m), carrying bag, AV cable (3m), remote control, lens cap, user's manual
<Options>	
Ceiling Bracket:	ET-PKE100
Screen:	ET-SR90CT W1800mm x H1800mm (70.9"x70.9") ET-SR70CT W1400mm x H1400mm (55.1"x55.1")
Replacement Lamp Unit:	ET-LAE100

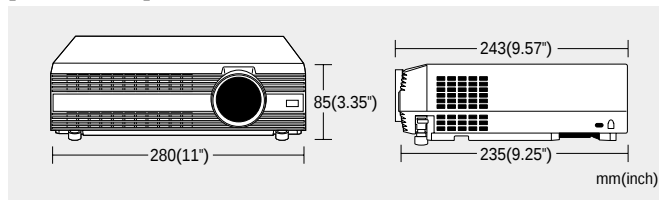
Projection setting example

	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')



Rear Panel

[Dimensions]



Panasonic