



20 02

Home Cinema Projector PT-AE100



Home Cinema Projector PT-AE100

Enjoy power
in the com



Powerful, high-quality cinema images at the comfort of your own home!



Home Cinema Projector **PT-AE100**

New from Panasonic, the PT-AE100 Home Cinema Projector provides the powerful, high-quality images essential for a true cinema experience — at home. With the high-quality video images available from DVDs, plus the sound quality of a surround system, your home becomes a theatre. And the PT-AE100 does not stop at home cinema. Connect it to a game machine and play the latest video games — on a big

screen. Connect it to a PC and surf the Internet, or experience giant-sized video conferencing. Weighing in at just 2.7 kg, the PT-AE100 is light and portable enough to take to parties or even outdoor events. Enhance your visual entertainment with a next-generation Panasonic Home Cinema Projector, the PT-AE100.

02

Home Cinema Projector PT-AE100

More fun



awaits you with the PT-AE100

PARTY

Event atmosphere, living room comfort.
From video clips of rock concerts to live sports. The energy and excitement of a live setting, with all the flashing lights faithfully reproduced. And none of the discomforts of a live venue. Invite your friends and enjoy watching your favourite sport as if you were there. From kick-off to the final whistle, the cheering stadium crowd brings all the emotion and excitement into your living room.

GAMES AND INTERNET

Enjoy games on the big screen.
Simply by connecting a game machine to the AE100, you can enjoy a virtual world that is more powerful than the real thing. The big-screen high-quality game images will which totally envelop you. Connect to a PC to enjoy surfing the Internet, and your entertainment possibilities expand onto the world stage of games. Excitement that simply cannot be found at the theater.

OUTDOORS

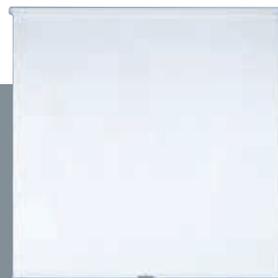
Take the AE100 with you anywhere.
The projector is the size of an A4 file and weighs just 2.7 kg, so is incredibly easy to carry. Take it with you when you go car camping, and your day's adventures become your evening's movie. Enjoy remembering the day's events while watching it. Bring a DVD, and you can create your very own night theater outdoors.

The fun moves into the next dimension

A new type of cinema system. More fun with 5.1ch surround sound. You are sure to enjoy excitement not yet experienced...



Home Cinema Projector PT-AE100



Screen ET-SR70CT



DVD-Audio/Video Home Cinema System SC-DT300 (DVD Player, Amp, Speaker system)

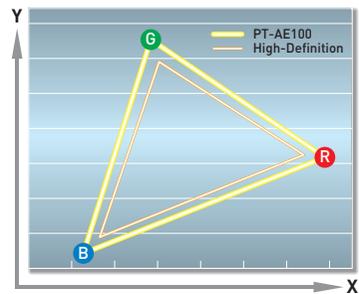
A compact body bursting with

High quality pictures that go far beyond the limits of conventional LCD projectors.

Optimum colour reproduction, image gradation, and contrast ratio. All for beautiful pictures.

• Covers a wider colour reproduction area

To cover the "High-Definition area" described in colour reproduction standards, the AE100 uses a newly developed optical system intended specifically for cinema viewing and a Panasonic 120 W UHM lamp. This enables reproduction of an unprecedented wide range of colour. The green of the forest, the red of a rose, the blue of the ocean, and vibrant skin -- by projecting vivid colours and subtle hues, you can view pictures reproduced in all their original richness of colour.



• High contrast ratio of 500:1 for cinema-quality images

The AE100 is equipped with a newly developed optical system to achieve a contrast ratio of 500:1, and thus recreate a picture with depth, as does a cinema projector. The result is rich, film-quality pictures that no conventional LCD projector can imitate.



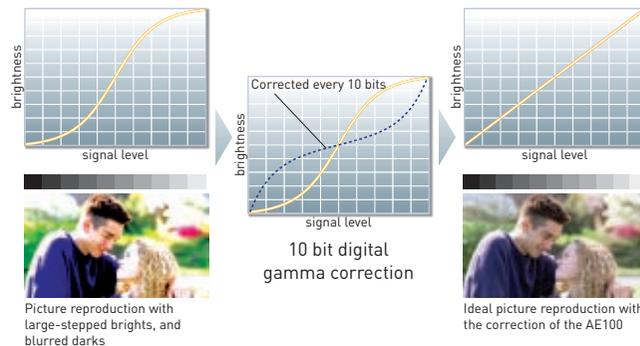
Conventional



PT-AE100

• 10-bit digital gamma correction for rich expression of gradations

Traditional LCD panels characteristically saturate, resulting in blurred dark and bright areas. The AE100 is equipped with a 10-bit digital gamma correction circuit that operates in the opposite direction. By correcting linearly from dark to bright the ideal gradation is realized, leading to the most delicate image reproduction possible. Natural colours, like those of skin and hair, or the vibrancy of a brightly coloured dress, are delivered with smooth shading and accurate image gradation.



Keystone correction function (digital keystone) for controlling image distortion.

A projector set up with vertical inclination inevitably produces a trapezoidal-shaped picture. This function corrects that distortion into a normal image. By operating the keystone button on top of the projector, the image can be instantly corrected into the intended shape.



Before correction



After correction

Equipped with two-screen capability (Index Window) Menu display enabling on-screen operation.

The AE100 is equipped with a convenient two-screen function, so you can freeze a scene you want to enjoy on one side, while viewing the continuation on the other.



The setting menu can be displayed on screen, so desired adjustments like screen mode can be done simply via remote control.



h power

An LCD with a 16:9 aspect ratio and a short-throw lens allow display of larger images in smaller spaces.

Incorporates a widescreen, 16:9 aspect ratio LCD panel. For the first time ever in the industry, Panasonic has employed the 0.7" Native 16:9 LCD Panel in the PT-AE100. This makes for both a stunningly wide screen and superbly high-quality pictures.



Incorporating component connectors, you can now enjoy the most outstanding widescreen video experience.

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. 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? Furthermore, the 1.2x zoom makes selecting the set-up place easier than ever.



A newly developed cooling fan reduces fan noise.



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.

*Standard mode:30dB

Projects high-quality images with a unique optical system. 5000-hour long-life lamp.

* In Standard mode.



A built-in clock reduces energy consumption and extends lamp life to an amazing 5000 hours.

(Standard mode; 2000 hours in High mode.)

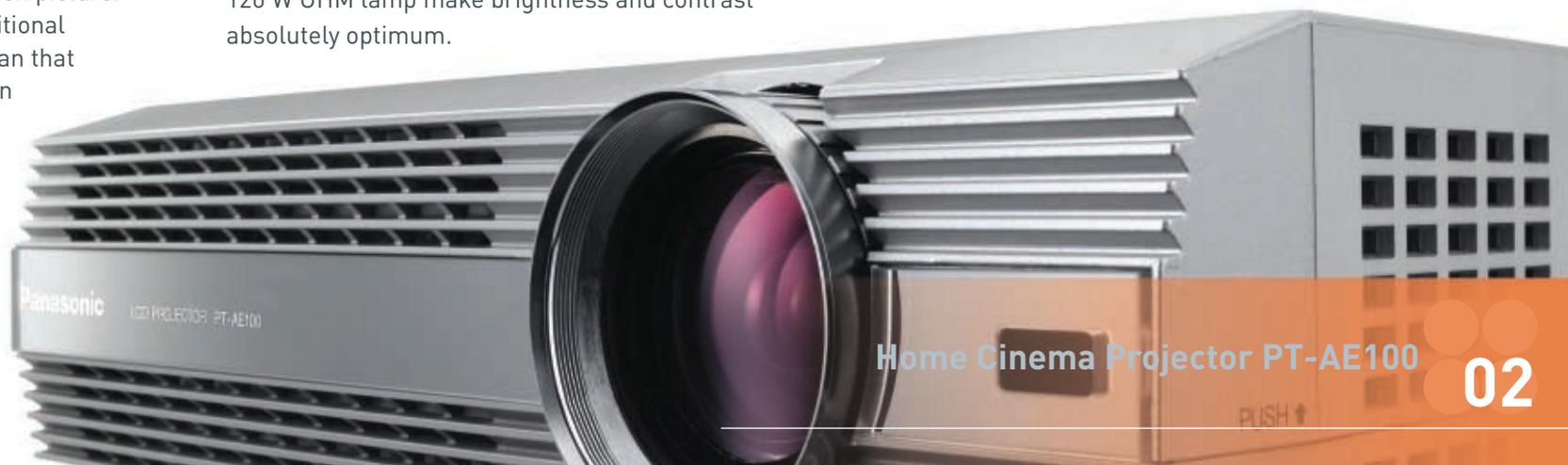
The newly developed optical system and unique-to-Panasonic

120 W UHM lamp make brightness and contrast absolutely optimum.

The projector is equipped with an extensive range of terminals to enable connection of all types of equipment.



The AE100 is equipped with component terminals for DVD players, video or s-video and more. Connect a DVD player and enjoy beautiful high quality images. It also has input terminals for PCs and game machines. Connect your personal computer or game machine, and enjoy surfing the Internet or playing games on a big screen.



Home Cinema Projector PT-AE100

02

PT-AE100 [Home Cinema Projector]

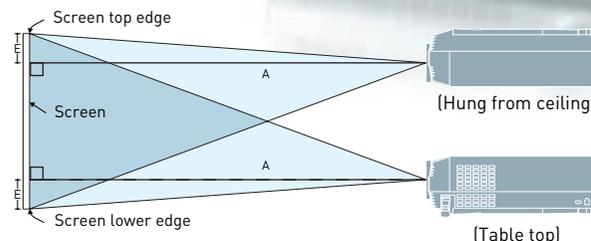


SPECIFICATIONS

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 (High mode)
Fun noise:	30dB (Standard mode)
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 ET-SR70CT
Replacement Lamp Unit:	ET-LAE100



•With 16:9 screen size

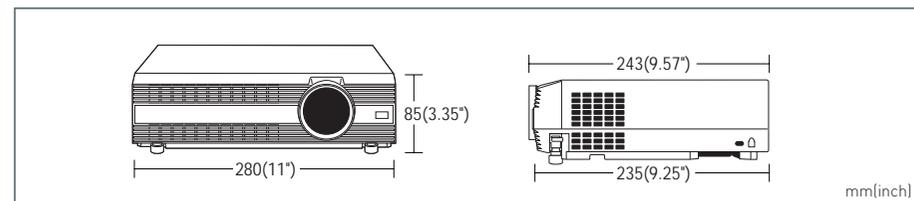
Projection size	Screen size (Aspect ratio 16:9)		Projection distance (A)		Settable height (E)
	Diagonal (inches)	Width	Height	Minimum	Maximum
40	89 cm	50 cm	1.2 m	1.4 m	3 cm
50	110 cm	62 cm	1.5 m	1.8 m	3 cm
65 *1	140 cm	79 cm	2.0 m	2.4 m	4 cm
80 *2	180 cm	101 cm	2.5 m	3.0 m	6 cm
100	221 cm	125 cm	3.1 m	3.7 m	7 cm

•With 4:3 screen size

Projection size	Screen size (Aspect ratio 4:3)		Projection distance (A)		Settable height (E)
	Diagonal (inches)	Width	Height	Minimum	Maximum
40	81 cm	61 cm	1.5 m	1.8 m	3 cm
50	122 cm	91 cm	2.3 m	2.8 m	3 cm
70 *1	140 cm	105 cm	2.7 m	3.2 m	4 cm
90 *2	180 cm	135 cm	3.4 m	4.1 m	6 cm
100	203 cm	152 cm	3.8 m	4.6 m	7 cm

•Figures shown are approximate. Use them as a guide for set-up. *1: When using ET-SR70CT screen *2: When using ET-SR90 screen

DIMENSIONS



Panasonic

Weights and dimensions shown are approximate. Specifications subject to change without notice. This product may be subject to export control regulations. UHM is a trademark of Matsushita Electric Industrial Co., Ltd. PS/2, VGA and XGA are trademarks of International Business Machines Corporation. Macintosh is a registered trademark of Apple Computer, Inc. SVGA is a registered trademark of the Video Electronics Standards Association. Windows is a registered trademark of Microsoft Corporation. All other trademarks are the property of the various trademark owners. Projection images simulated.