Panasonic

ideas for life

CINEMA PROJECTORS

When the movie starts,
you can expect some of the
best entertainment ever from
our new Hollywood-tuned systems.
Enjoy the show!

From the Director's Eye to Your Screen

Stunning cinematography... clever twists and turns... passion, intrigue, humour. Millions of people watch movies because they please the senses, give us thrills, and make us laugh or cry.

But for full movie entertainment, you need true, accurate colours. That's why Panasonic collaborated with leading Hollywood colourists to create a system that reproduces colours just the way the director intended.

We call it Hollywood tuning. You can call it another reason why a Panasonic cinema projector is ideal for a professional cinema operation or as the centre-piece of an incredible home cinema system.

Surpassing Film Projectors in Image Quality and Reliability

PT-**DW10000**

Full High-Definition 3-Chip DLP™ Projector

Small and lightweight even with its four-lamp system and 10,000-lumen brightness, the PT-DW10000E is the flagship of our professional 3-chip projectors.

- Advanced 10-bit image processing and 10-bit colour management
- Four-lamp system enables non-stop operation
- New liquid-cooling system enables operation in temperatures up to 45°C (113°F)
- Anti-dust design and a sturdy new chassis for greater reliability
- A wide variety of optional lenses
- Multi-screen projection flexibility
- Built-in Auto Cleaning Robot (ACR)
- Wired LAN system with PJLink™

Full HD

A Compact Model with Outstanding Image Quality and Reliability

PT-**DW7000**

3-Chip DLP™ Projector

This compact, 3-chip model features the BrightOptic™ dual lamp system and a liquid-cooling system that helps ensure superb reliability.

- High-performance 3-chip DLP™-based projector
- BrightOptic™ dual lamp system with lamp relay function
- 16-bit colour depth for natural, film-like images
- Liquid-cooling system extends performance
- Dustproof design with sealed optical block
- A wide variety of optional lenses
- Multi-screen projection flexibility
- Wired LAN system with PJLink™ (optional)

Ideal for Mini Theatres and Pre-Movie Onscreen Advertisements

PT-**DW5100**

1-Chip DLP™ Projector

The reliable BrightOptic™ dual lamp system and liquid-cooling system meet requests for 24/7* operation. The dustproof design contributes to long-term reliability.

- High 5,500-lumens brightness
- System Daylight View
- Vivid Colour Control
- Full 10-bit picture processing and new IP conversion
- Frame noise reduction
- BrightOptic™ dual lamp system with lamp relay function
- Liquid-cooling system enables operation in temperatures up to 45°C (113°F)
- Micro cut filter and dustproof design
- Built-in multi-screen support system
- Flexible installation with vertical tilting at any up-down angle
- Wired LAN system with PJLink™ (optional)

* Refer to "Operating the Projector Continuously" on the back cover.

CINEMA PROJECTORS

The Power of Full HD.
Beauty of Rich Details.

PT-**AE2000**

Full High-Definition Home Cinema Projector

This 3-LCD model lets you enjoy professional-level performance and functions at home. Remarkable 16,000:1 contrast combines with Panasonic's Hollywood tuning to deliver full-high-definition images of stunning beauty.

- Carefully Tuned Lens System for Maximum Full-HD Performance
- Next-Generation Full-HD LCD Panels
- Dynamic Iris with new algorithm for a wide dynamic range
- Smooth Screen technology
- Pure Colour Filter Pro
- Detail Clarity Processor
- Max. 16-bit digital processing
- New waveform monitor function
- Split Adjust mode
- Cinema Colour Management
- Three HDMI 1.3a terminals
- Wide vertical/horizontal lens shift
- 2x optical powered zoom/focus

Full HD

Powerful 2,000-Lumen Brightness.
Images Are Easy to See Even in a Well-Lit Room

PT-**AX200**

Home Cinema Projector

Panasonic's Light Harmonizer 2 delivers images that are easy to see even in normal daytime lighting. Also featuring Hollywood tuning, this 3-LCD model is ideal for watching movies and sports events with family and friends at home.

- Outstanding 2,000-lumen brightness and Light Harmonizer 2
- Game mode for stress-free playing
- Cinema 1 mode offers Hollywood picture quality
- Pure Colour Filter produces rich blacks and vivid colours
- Smooth Screen technology
- Cinema Colour Management
- Dynamic Iris and dynamic gamma
- Advanced Dynamic Sharpness Control
- Scene-adaptive resizing
- 2x optical zoom/focus

GAME MODE

Specifications

Model	PT-**DW10000**	PT-**DW7000**	PT-**DW5100**	PT-**AE2000**	PT-**AX200**
Panel Type	0.95″ DLP™ chip x 3 (16:9)	0.85″ DLP™ chip x 3 (16:9)	0.65″ DLP™ chip x 1 (15:9)	0.74″ LCD*8 x 3 (16:9)	0.7″ LCD*8 x 3 (16:9)
Lamp	250 W UHM™ x 4	300 W UHM™ x 2	275 W UHM™ x 2	165 W UHM™	220 W UHM™
Brightness	10,000 lumens	6,000 lumens	5,500 lumens	1,500 lumens	2,000 lumens
Lens	Optional	Optional	F 1.7–2.0, f 25.6–33.8 mm	F 1.9–3.2, f 22.4–44.8 mm	F 1.9–3.1, f 21.7–43.1 mm
Contrast (full on/full off)	5,000:1	4,000:1	2,000:1	16,000:1	6,000:1
Resolution Native	Full High Definition (1920 x 1080)	WXGA+ (1366 x 768)	WXGA	Full High Definition (1920 x 1080)	1280 x 720
Resolution Max (compressed)	UXGA	UXGA	UXGA	–	Full High Definition (1920 x 1080)
H-Sync/V-Sync Range	15–100 kHz/24–120 Hz	15–100 kHz/24–120 Hz	15–91 kHz/50–85 Hz	30–70 kHz/50–87 Hz	30–70 kHz/50–87 Hz
Screen Size	70″–600″ (70″–300″ with ET-D75LE5)	70″–600″ (70″–300″ with ET-D75LE5)	50″–600″	40″–200″	40″–200″
Lens Shift*1	Vertical ±60%*2 Horizontal ±20%*2	Vertical ±70%*5 Horizontal ±30%	Vertical +60% Horizontal ±10%	Vertical ±100% Horizontal ±40%	Vertical ±63% Horizontal ±25%
Keystone Correction Range	Vertical ±40°*3	Vertical ±40°*6	Vertical ±30°	Vertical ±30°	Vertical ±30°
Weight	32 kg/70.5 lbs	22 kg/48.5 lbs	13.9 kg/30.6 lbs	7.2 kg/15.9 lbs	4.9 kg/10.8 lbs
Dimensions (W x H x D)	578 x 320 x 643 mm*4 22-3/4″ x12-19/32″x25-5/16″ *4	530 x 200 x 540 mm*4 20-7/8″ x 7-7/8″ x 21-9/32″ *4	530 x 167 x 429 mm*4 20-7/8″ x 6-9/16″ x 16-7/8″ *4	460 x 130 x 300 mm*4 18-1/8″ x 5-1/8″ x 11-25/32″ *4	395 x 112 x 300 mm*4 15-17/32″ x4-13/32″ x 11-25/32″ *4
Power Consumption	1,450 W	800 W	750 W	240 W	290 W
Terminals	RGB/YPBPR (x 1) RGB (x 1) DVI-D (x 1) Composite video (in x 1, out x 1) S-Video (x 1) RS-232C/422 (in x 1, out x 1) Remote (in x 2, out x 1) LAN (x 1) Optional board slot (x 1)	RGB/YPBPR (x 1) RGB (x 1) Composite video (in x 1, out x 1) S-Video (x 1) RS-232C/422 (in x 1, out x 1) Remote (in x 2, out x 1) Optional board slot (x 1)	RGB/YPBPR (x 2) DVI-D (x 1) Composite video (x 1) S-Video (x 1) RS-232C (in x 1, out x 1) Remote (in x 2, out x 1) LAN (x 1)	HDMI (x 3) PC (RGB) (x 1) Component video (x 2) Composite video (x 1) S-Video (x 1) Serial (x 1)	HDMI (x 1) PC (RGB) (x 1) Component video (x 1) Composite video (x 1) S-Video (x 1) Serial (x 1)
Replacement Lamp	ET-LAD10000 ET-LAD10000F (4 units)	ET-LAD7700 ET-LAD7700W (2 units) ET-LAD7700L*7 ET-LAD7700LW*7 (2 units)	ET-LAD57 ET-LAD57W (2 units)	ET-LAE1000	ET-LAX100
Optional Accessories	High ceiling mount bracket: ET-PKD100H Low ceiling mount bracket: ET-PKD100S Carrying handle: ET-HAD100 Frame: ET-PFD100 Dual link HD-SDI board: ET-MD77SD4 HD-SDI board: ET-MD77SD3 SDI board: ET-MD77SD1 DVI board: ET-MD77DV Smoke cut filter: ET-SFD100	High ceiling mount bracket: ET-PKD77H Low ceiling mount bracket: ET-PKD75S Dual stacking mount bracket: ET-DFD75 Carrying handle: ET-HAD75 Wireless remote receiver: ET-RMRC2 HD-SDI/network board: ET-MD77SD3 SDI/network board: ET-MD77SD1 DVI/network board: ET-MD77DV Network board: ET-MD77NT	High ceiling mount bracket: ET-PKD56H Low ceiling mount bracket: ET-PKD55S Wireless remote receiver: ET-RMRC2	High ceiling mount bracket: ET-PKE2000 Low ceiling mount bracket: ET-PKE1000S Cable cover: ET-PCE2000	Ceiling mount bracket: ET-PKX200 DIN 8-pin/D-sub 9-pin serial adapter: ET-ADSER
Optional Lens	Zoom lens: ET-D75LE6 Zoom lens: ET-D75LE1 Zoom lens: ET-D75LE2 Zoom lens: ET-D75LE3 Zoom lens: ET-D75LE4 Zoom lens: ET-D75LE8 Fixed-focus lens: ET-D75LE5	Zoom lens: ET-D75LE6 Zoom lens: ET-D75LE1 Zoom lens: ET-D75LE2 Zoom lens: ET-D75LE3 Zoom lens: ET-D75LE4 Zoom lens: ET-D75LE8 Fixed-focus lens: ET-D75LE5	Zoom lens: ET-DLE100 Zoom lens: ET-DLE200 Zoom lens: ET-DLE310 Zoom lens: ET-DLE410 Fixed-focus lens: ET-DLE050		
Standard Accessories	Power cord, Wireless/wired remote control, Batteries for remote control unit, Wire rope	Power cord, Wireless/wired remote control, Batteries for remote control unit	Power cord, Wireless/wired remote control, Batteries for remote control unit, Wire rope	Back-lit learning remote control unit Batteries for remote control unit Power cord	Back-lit multi-function remote control unit Batteries for remote control unit Power cord

*1 Shift range is limited during simultaneous horizontal and vertical shifting.
*2 ±50% vertically and ±15% horizontally with the ET-D75LE6.
*3 ±22° with ET-D75LE5 and ±28° with the ET-D75LE6.
*4 Excluding protrusions
*5 ±60% with the ET-D75LE6.
*6 ±34° with the ET-D75LE1, ±19° with the ET-D75LE5 and ±28° with the ET-D75LE6.
*7 Long-life lamp
*8 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 designed to provide one of the finest possible images. 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.

Operating the Projector Continuously

1. If the projector is to be operated continuously 24 hours a day, use the dual-lamp optical system's alternating lamp operation (lamp changer) function. The projector cannot be operated continuously 24 hours a day in dual-lamp mode. Allow a minimum of two hours per day of non-operation time per day if the using the dual-lamp mode.
2. The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.
   - 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.
   - The brightness of the lamp will gradually decrease with use.

Ecology-Conscious Design

Panasonic works from every angle to minimise environmental impact in the product design, production and delivery processes, and in the performance of the product itself over its life cycle. Panasonic projectors reflect various combinations of the following ecological considerations.

- Lead-free solder is used to mount components to the printed circuit boards.
- The packing case and operating manual are made from recycled paper.
- Lamp power switching further reduces power consumption.
- Lead-free glass is used for the lens.

NOTE:
The ecological points described above are intended only as examples. The actual considerations that are applied to each projector vary from model to model.

Panasonic ideas for life

Projector Global Web Site: **http://panasonic.co.jp/pavc/global/projector**

Please contact Panasonic or your dealer for a demonstration.

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