

# Panasonic

ideas for life

Preliminary as of February 2009.

**DLP™-Based Projector**  
**PT-DZ6710**  
**PT-DZ6700**  
**PT-DW6300S**  
**PT-D6000S**

Models without lenses (PT-DZ6710L/DZ6700L/DW6300LS/D6000LS) are also available.

**Available from April**

## New Standard for 1-chip DLP™ Projectors

# Refined Image Quality with System Expandability



*6,500-lm brightness and versatile functions for high reliability*

**PT-DW6300S** 6000 lm WXGA  
**PT-D6000S** 6500 lm XGA

\*Black models are available as built-to-order.

*High-resolution WUXGA and excellent application flexibility*

**PT-DZ6710** 6000 lm WUXGA Geometric Adjustment HD-SDI  
**PT-DZ6700** 6000 lm WUXGA



### Vivid Picture Quality with High Brightness

- **RGB Booster** significantly improves color reproduction while maintaining high brightness.
- **High-resolution WUXGA**\*1 allows compatibility with a wide range of signals.
- **Detail Clarity Processor** realistically reproduces even fine textures.
- **System Daylight View 2** produces sharp, crisp images even in bright lighting.

### Easy Maintenance and Superior Reliability

- **Auto Cleaning Filter** reduces maintenance hassles for 10,000 hours.
- **Dual Lamp System** prevents image interruptions even if a lamp burns out.
- **Liquid Cooling System** allows use in ambient temperatures as high as 45°C.
- **Sealed Optical Block** prevents the adverse effects caused by dust for greater operating stability.

### System Integration Flexibility

- **Geometric Adjustment**\*2 corrects images that are projected onto a curved screen.
- The **Multi-Screen Support System** seamlessly connects multiple images.
- **Flexible ±360° Installation** in the vertical direction for creative applications.
- **Powered Vertical/Horizontal Lens Shift Function** increases installation flexibility.
- **Optional Lenses** covers a wide range of projection distances.


\*1 PT-DZ6710/DZ6700. \*2 PT-DZ6710 only.

# Specifications

Models	PT-DZ6710	PT-DZ6700	PT-DW6300	PT-D6000
Power supply	North America: 120V AC 60Hz Europe, Asia: 220-240V AC, 50/60Hz			
Power consumption	North America: 820W or less, Standby mode eco: 0.2W Standby mode normal: 8 W (Both with fan stopped)*1 Europe, Asia: 800 W or less, Standby mode eco: 0.3W Standby mode normal: 9 W (Both with fan stopped)*1			
DLP™ chip	Panel size	0.67" diagonal (16:10 aspect ratio)		0.7" diagonal (4:3 aspect ratio)
	Display method	DLP™ chip x 1, DLP™ system		
Lens	Resolution	2,304,000 (1,920 x 1,200) x 1, total of 2,304,000 pixels		786,432 (1,024 x 768) x 1, total of 786,432 pixels
	Pixels	Powered zoom/focus lenses (1.8–2.4:1), F 1.7–2.0, f 26.8–35.7 mm		
Lamp	Powered zoom/focus lenses (1.8–2.4:1), F 1.7–2.0, f 25.6–33.8 mm			
Screen size	300 W UHM lamps (x 2) (dual lamp system)			50–600 inches (50–200 inches with the ET-DLE055), 4:3 aspect ratio
Brightness*3	50–600 inches (50–200 inches with the ET-DLE055), 16:10 aspect ratio			6,500 lumens (dual lamp, high power mode)
Center-to-corner uniformity*3	6,000 lumens (dual lamp, high power mode)			90%
Contrast*3	2,000:1 (full on/full off, contrast mode: high)*2			
Resolution	1,920 x 1,200 pixels		1,280 x 800 pixels	
Scanning frequency	RGB	Horizontal: 15–91 kHz, Vertical: 50–85 Hz, Dot clock: 162 MHz or lower		Horizontal: 15–91 kHz, Vertical: 50–85 Hz, Dot clock: 150 MHz or lower
	YPbPr (YCaCb)	525i (480i), 625i (576i), 525p (480p), 625p (576p), 750 (720i)/60p, 750 (720p)/50p, 1035/60i, 1125 (1080i)/60i, 1125 (1080p)/50i, 1080/24p, 1080/25p, 1080/30p, 1080/24sf, 1080/60p, 1080/50p		
S-Video/Video	Horizontal: 15.75/15.63 kHz, Vertical: 50/60 Hz, (NTSC, NTSC4.43, PAL, PAL60, PAL-N, PAL-M, SECAM)			
	Vertical: +50% (powered), horizontal: ±10% (powered)			
Optical axis shift	Vertical: +50% (powered), horizontal: ±10% (powered)		Vertical: +60% (powered), horizontal: ±10% (powered)	
Keystone correction range	Vertical: ±30°			
Installation	Ceiling/floor, front/rear			
Other features	Multi-Screen Support System, Geometric Adjustment		Multi-Screen Support System	
Terminals	DVI-D IN	DVI-D 24-pin		
	RGB 1/YPbPr IN	BNC x 5		
	RGB 2/YPbPr IN	D-sub HD 15-pin		
	VIDEO IN	BNC		
	S-VIDEO IN	Mini DIN 4-pin		
	SERIAL IN	D-sub 9-pin x 1 (RS-232C compliant)		
	SERIAL OUT	D-sub 9-pin		
	REMOTE 1 IN	M3 jack		
	REMOTE 1 OUT	M3 jack		
	REMOTE 2 IN	D-sub 9-pin		
	LAN	RJ-45 for network connection, 10Base-T/100Base-TX, compliant with PLink™		
	HD-SDI*4	BNC x 1		
Power cord length	3.0 m (9'10")			
Cabinet material	Molded plastic			
Dimensions (W x H x D)	498 mm x 175 mm x 423 mm			
Weight*5	Approx. 16.0 kg (35.3 lbs)			
Operating temperature	0°–45°C (32°–113°F)			
Operating humidity	20%–80% (no condensation)			
Supplied accessories	Power cord, Wireless/wired remote control unit, Batteries for remote control (x 2), Wire rope			

\*1 During eco stand-by mode operation, network functions such as standby-on from a LAN network and the serial output terminal will not operate. \*2 Brightness: 3,000 lumens (PT-DZ6710/DZ6700/DW6300), 3,250 lumens (PT-D6000). \*3 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. \*4 SD-SDI is also supported. \*5 Average value. May differ depending on models.

## Optional accessories

Lens	Lamp
<b>Zoom lens ET-DLE150</b> 1.3 – 1.9:1 (PT-DZ6710/DZ6700) 1.4 – 2.0:1 (PT-DW6300) 1.3 – 2.0:1 (PT-D6000)	Replacement lamp unit <b>ET-LAD60</b> <b>ET-LAD60W</b> (twin pack)
<b>Zoom lens ET-DLE250</b> 2.3 – 3.6:1 (PT-DZ6710/DZ6700) 2.4 – 3.8:1 (PT-DW6300) 2.4 – 3.7:1 (PT-D6000)	<b>Filter</b> Replacement filter unit <b>ET-ACF100</b>
<b>Zoom lens ET-DLE350</b> 3.6 – 5.4:1 (PT-DZ6710/DZ6700) 3.8 – 5.7:1 (PT-DW6300) 3.7 – 5.6:1 (PT-D6000)	<b>Ceiling mount bracket</b> <b>ET-PKD56H</b> (for high ceilings) <b>ET-PKD55S</b> (for low ceilings)
<b>Zoom lens ET-DLE450</b> 5.4 – 8.6:1 (PT-DZ6710/DZ6700) 5.6 – 9.0:1 (PT-DW6300) 5.5 – 8.9:1 (PT-D6000)	
<b>Fixed focus lens ET-DLE055</b> 0.8:1	

## NOTES ON USE

- Do not install the projector in locations that are subject to excessive water, humidity, steam, or oily smoke. Doing so may result in fire, malfunction, or electric shock.
- 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 projector uses of high-wattage lamp that becomes very hot during operation. Please observe the following precautions.
  - Never place objects on top of the projector while it is operation.
  - Make sure there is an unobstructed space of 500 mm or more around the projector's exhaust openings.
  - Do not stack projector units directly on top of one another for the purpose of multiple (stacked) projection. When stacking projector units, be sure to provide the amount of space indicated between them. These space requirements also apply to installation where only one projector unit is operating alone time and the other unit is used as a backup.
  - If the projector is placed in a box or enclosure, temperature of the air surrounding the projector must be between 0 °C and 40 °C. Also make sure the projector's intake and exhaust openings are not blocked. Take particular care to ensure that hot air from the exhaust openings is not sucked into the intake openings.
    - \* Even when the ambient temperature near the intake opening is 40 °C/104 °F or lower, an accumulation of hot air inside the cabinet may cause the protective circuit to activate and shut down the projector. Please give ample consideration to the design with regard to ambient temperature conditions.
- 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 using the dual-lamp mode.
- The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.
  - 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.

Please visit our website for more information.

<http://panasonic.net/avc/projector>

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Please contact Panasonic or your dealer for a demonstration.



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All information included here is valid as of February 2009.

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