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

PICTURE BY DLP™

## 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<br>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) | | 0.65″ diagonal (16:10 aspect ratio) | 0.7″ diagonal (4:3 aspect ratio) |
| | Display method | DLP™ chip x 1, DLP™ system | | | |
| | Pixels | 2,304,000 (1,920 x 1,200) x 1, total of 2,304,000 pixels | | 1,024,000 (1,280 x 800) x 1, total of 1,024,000 pixels | 786,432 (1,024 x 768) x 1, total of 786,432 pixels |
| Lens | | Powered zoom/focus lenses (1.8– 2.4:1), F 1.7– 2.0, f 26.8 –35.7 mm | | Powered zoom/focus lenses (1.8– 2.4:1), F 1.7– 2.0, f 25.6–33.8 mm | |
| Lamp | | 300 W UHM lamps (x 2) (dual lamp system) | | | |
| Screen size | | 50– 600 inches (50–200 inches with the ET-DLE055), 16:10 aspect ratio | | | 50– 600 inches (50–200 inches with the ET-DLE055), 4:3 aspect ratio |
| Brightness*3 | | 6,000 lumens (dual lamp, high power mode) | | | 6,500 lumens (dual lamp, high power mode) |
| Center-to-corner uniformity*3 | | 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 | 1,024 x 768 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 | |
| | $Y_PB_PR_$ ($Y_CB_CR_$) | 525i (480i), 625i (576i), 525p (480p), 625p (576p), 750 (720)/60p, 750 (720)/50p, 1035/60i, 125 (1080)/60i, 1125 (1080)/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) | | | |
| Optical axis shift | | Vertical: +50% (powered), horizontal: ±10% (powered) | | Vertical: +60% (powered), horizontal: ±10% (powered) | Vertical: +50% (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/$Y_PB_PR_$ IN | BNC x 5 | | | |
| | RGB 2/$Y_PB_PR_$ 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 PJLink™ | | | |
| | 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

Zoom lens **ET-DLE150**
1.3 – 1.9:1 (PT-DZ6710/DZ6700)
1.4 – 2.0:1 (PT-DW6300)
1.3 – 2.0:1 (PT-D6000)

Zoom lens **ET-DLE250**
2.3 – 3.6:1 (PT-DZ6710/DZ6700)
2.4 – 3.8:1 (PT-DW6300)
2.4 – 3.7:1 (PT-D6000)

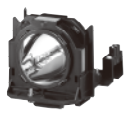
Zoom lens **ET-DLE350**
3.6 – 5.4:1 (PT-DZ6710/DZ6700)
3.8 – 5.7:1 (PT-DW6300)
3.7 – 5.6:1 (PT-D6000)

Zoom lens **ET-DLE450**
5.4 – 8.6:1 (PT-DZ6710/DZ6700)
5.6 – 9.0:1 (PT-DW6300)
5.5 – 8.9:1 (PT-D6000)

Fixed focus lens **ET-DLE055**
0.8:1

### Lamp

Replacement lamp unit
**ET-LAD60**
**ET-LAD60W** (twin pack)



### Filter

Replacement filter unit
**ET-ACF100**

### Ceiling mount bracket

**ET-PKD56H** (for high ceilings)
**ET-PKD55S** (for low ceilings)


## NOTES ON USE

1. 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.
2. 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.
3. 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 atone 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.
4. 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.
5. 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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Panasonic

**Please contact Panasonic or your dealer for a demonstration.**

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**All information included here is valid as of February 2009.**

PT-D6000series-09February10K Printed in Japan.