**Advanced Technologies for Professional Use. Superb Image Expression with Flexible Installation and Easy Maintenance.**

**Higher Brightness and Superior Images**

**True Full HD Resolution**
The PDG-DHT100L employs a DMD panel (11.9 aspect ratio). With 1,920 x 1,080 pixels in the panel, the PDG-DHT100L can project native HD 1080p signals in full resolution. DMD Panel helps convey the ambience in a scene with such exceptional fidelity. Full HD goes beyond conventional technology to reproduce images that are vibrantly alive and rich in emotion.

**Industry’s Brightest**

A twin color wheel system makes it possible to achieve both high brightness and high color reproduction that is accurate in image signal. In addition, the user can change color wheel to fit the application. The 4-segment color wheels team up with two high-output 330-watt lamps to achieve up to 3,500 lumens*1 of brightness in our 2-lamp SxGA+, 1-chip DLP® projector. Or you can choose the 6-segment color wheels for even richer, purer color reproduction.

*PDG-DHT100L, in 3,500 lumens

**High Contrast 7500:1**

This advanced optical system achieves high contrast*1 to project high-quality images with rich black reproduction, maximizing the quality of the video signals.

*1: 75,000 contrast*1: High

**Network Control**

**HD DATA WIRELESS**

The Uncompressed HD*1 DATA WIRELESS Transmission System allows pure uncompressed data transmission without delays between the video and sound. Technology in wireless system allows uncompressed data even from distances of about 100 feet*2 away from the input source. Easier set-up for place such as large event halls or other large rooms/theaters as it eliminates the need to feed cables and run wires from sources to projectors.

**HD Wireless Transmission**

System is sold as optional accessory for PDG-DHT100L.

*1: For model with HD output

**DICOM Simulation Mode**

POG-DT DET100L allows DICOM™ simulation mode*2 and which can approximate an image to DICOM Part14 Grayscale Standard Display Function. This mode offers Clearbase and Bluebase DICOM simulation modes, and is helpful for use in medical institutions and education.

*2: Do not use for medical diagnosis.

**Easy Maintenance**

The industry’s longest-lasting*3 25,000 hour-use filter

Active Maintenance Filter, for cleaner and highly durable projection

Equipped with replaceable Active Maintenance Filter for the industry’s longest lasting*3 25,000 hour-use automatic reel filter cartridge to prevent dust from entering the lamp area, while still allowing enough airflow to help to the area to remain cool longer durability and reliability from the increased dust resistance and longer lasting filters.

**One-way Flow System**

The PDG-DHT100L/DDET100L is concentrated into one intake and one exhaust, both on the side, to solve dust-related problems and improve cooling reliability.

**Versatile Installation**

**Edge Blending & Color Matching**

Equipped with “Edge Blending” function that allows what feels like boundary-less images with multi-image display possibilities

Built in “Color Matching” function for correcting variations in color reproduction when using more than one projector.

**Power Lens Shift**

Featuring both vertical and horizontal lens shift (vertical: 67%, horizontal: 41%) (maximal), the PDG-DHT100L enables intuitive operation for easy on-site setup. The lens shifts forward to the center by pressing a lens shift button.

**Interchangeable Lenses**

Lens removal and replacement are also very easy.

**Useful Features**

- There is also a Mechanical Shutter System which is popular for a variety of elite professional uses. The amazing PDG-DHT100L/DDET100L fills the needs of a host of professional uses. The amazing PDG-DHT100L/DDET100L fill the needs of a host of professional uses. The amazing PDG-DHT100L/DDET100L fill the needs of a host of professional uses.

**Featuring the PJ-Net Organizer Board**

The PJ-Net Organizer board is provided as standard equipment, for centralized control of projectors over a wired network. Installing the optional PJ Master into a PC or server also lets you control the PJ-Net Organizer-mounted projectors over a network.