When PICTURE MODE is set to NORMAL, ACTIVE IRIS is set to OFF, and ZOOM position is WIDE (max.).

When PICTURE MODE is set to NORMAL, ACTIVE IRIS is set to ON, and ZOOM position is WIDE (max.).

Optional wireless adapter is needed. When the projector is in standby, battery is charged via the USB port.

*3 Optional wireless adapter is needed. When the projector is in standby, battery is charged via the USB port.

*2 When PICTURE MODE is set to NORMAL, ACTIVE IRIS is set to OFF, and ZOOM position is WIDE (max.).

*1 When PICTURE MODE is set to NORMAL, ACTIVE IRIS is set to OFF, and ZOOM position is WIDE (max.).

*5 SAVING mode disables the functions of MONITOR OUT, AUDIO OUT, Finger Touch Unit, Interactive Pen, Tabletop use kit, and MHL logo, and Mobile High-Definition Link are trademarks or registered trademarks of MHL, LLC in the United States and other countries.

*6 The availability of the USB mouse control and USB Display.

Design and specifications are subject to change without notice.

- LCD projectors. Photographs and other optical components are cooled for use indoors. Photographs may be taken under conditions that may affect the color of the screen or other parts of the optical components when not in use. They may be used in harsh environments where they are subject to vibrations, dust, and other conditions that may result in a reduction of the lifetime of the optical components.

-* Optimal components after the initial 100 hours of use are for use indoors that may result in a reduction of the lifetime of the optical components. For use indoors that may result in a reduction of the lifetime of the optical components. For use indoors that may result in a reduction of the lifetime of the optical components. For use indoors that may result in a reduction of the lifetime of the optical components. For use indoors that may result in a reduction of the lifetime of the optical components.

- Optional components. Small LCD panels, pixel clock (POW) [provides lower image quality at high resolutions]. These components are subject to vibrations, dust, and other conditions that may result in a reduction of the lifetime of the optical components.

- Optical components other than the lamp: If the projector is used for six hours or more per day, they may need to be replaced in less than a year.

- FDA: The projector is an interactive projector. It is used for interactive education, training, and other purposes. These projectors use a mercury lamp with high internal pressure. Because of its properties, this lamp may burst with a loud noise or burn out if struck or after it has been used for a period of time. The time until it bursts or burns out varies with each lamp. Therefore, it is recommended to have the lamp replaced by a qualified technician or a service center. For further information about the replacement of the lamp, please contact your nearest service center.

- Each product may have differences of color, brightness and focus due to manufacture variation.

- Do not turn projector on again for ten minutes after shutdown. Neglect can shorten the lifetime or the lamp.

- During use and immediately after use, do not touch anywhere near the lamp and the vents as these parts are extremely hot.

- The projected images and comparison photos in this catalog are simulations.

- These projectors use a mercury lamp with high internal pressure. Because of its properties, this lamp may burst with a loud noise or burn out if struck or after it has been used for a period of time. The time until it bursts or burns out varies with each lamp. Therefore, it is recommended to have the lamp replaced by a qualified technician or a service center. For further information about the replacement of the lamp, please contact your nearest service center.

- Use of hot runners in molds for making upper housing in order to reduce mill ends.

- Reduction of resin usage in production

- Compliance with EU Directive RoHS*1

- Ultra short throw projectors that provide vivid images in bright classrooms and conference rooms.

- Use of hot runners in molds for making upper housing in order to reduce mill ends.

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Project visual beauty in real time. Technology that delivers details in bright environments.

The video processing technology enhances high-definition video in real time. Using this technology, you can enjoy high-definition images without losing the color information of the original image, and project high-definition video in classrooms, lecture halls, large meeting rooms, and other bright spaces.

**ACCENTUALIZER**
This function makes pictures look more real by enhancing (1) Shade, (2) Sharpness and (3) Gloss to make pictures clear. You can also adjust the effects by three levels according to your surroundings, video contents, etc.

**IMAGE OPTIMIZER**
Equipped with IMAGE OPTIMIZER that maintains visibility of an image through automatic image correction in accordance with lamp consumption.

- When used for 4 hours, an image may become darker.
- This function may not work properly when HDCR/ACCENTUALIZER is ON.

**HDCR (High Dynamic Contrast Ratio)**
When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. This results in clear images even in bright rooms.

**DICOM® Simulation Mode**
The DICOM® (Digital Imaging and Communications in Medicine) Simulation Mode projects grayscale images which approximate DICOM® Part 14 specifications. This mode is ideal for viewing grayscale medical images, such as X-rays, for training and educational purposes.

The projectors have DICOM® (Digital Imaging and Communications in Medicine) Simulation Mode. This mode simulates the DICOM® standard, which is a standard applicable to digital communications in medicine, and is useful for displaying medical images such as X-rays. These projectors are not medical devices and are not compliant with the DICOM® standard, and neither the projector nor the DICOM® Simulation Mode should be used for medical diagnosis.

* Comparison photos are simulations.
*1 The above images are representations of the effects and differ from actual images.

**Reduced Glare and Shadows**
These projectors feature Ultra Short Throw, for projecting a 2m (80inches) image from only 54.9cm (21.6inches)*1 onto a wall or screen. Ultra Short Throw greatly reduces glare from the projector’s light source, making it easier for the teacher or presenter to see the audience. The audience also has a clearer view because the shadows of the teacher’s or presenter’s hands and body are little cast on the projection image. The result is a better classroom or meeting room experience for everyone.

**Powered Focus and Perfect Fit**
Equipped with powered focus and Perfect Fit with which the position of four corners and four sides of a projected image can be adjusted. With the remote controller at hand, you can adjust focus and the position of an image.

**2 - HDMI® & MHL® inputs**
Equipped with 2 HDMI® input terminals for the current widely-used interface.

* HDMI® cable is not included in the box.
*2 For T series projector only. MHL® cable is not included in the box.

**16W Internal Speaker**
The optional tabletop use kit TT-03 allows to stand the projector vertically and a 1.5m (60") diagonal image down onto a table.

**Tabletop Use (Option)**
Equipped with a 16W speaker and microphone terminal that allow you to comfortably make presentations using content with sound or using a microphone.
Various Network Features

**Wireless Capability (Option)**
Connect a projector to a computer using the optional USB wireless adapter. The adapter supports IEEE 802.11b/g/n.

**Easy WLAN Connection**
Searches available wireless networks and displays the list of SSIDs when used in Infrastructure mode. You can select an SSID to connect to from the list.

**Convenient Networking**
Manage and control multiple projectors over your LAN with Centralized Reporting, Scheduling, E-mail Alerts, and My Image (Image Transfer).

**Easy Schedule Setting**
You can schedule routine and special projector events, including power on, power off, input selection and other settings.

**Moderator Control Mode**
Setting one computer from the multiple computers (up to 50) that are connected to the projector as the moderator (host) makes it possible for the moderator to project from the other computers (Clients).

**Smart Device Control**
Plugging the optional USB wireless adapter to the projector and using the dedicated free online application developed by Maxell, projectors can be controlled from a tablet or smartphone.

Go Green

**Saver Mode**
This feature developed by Maxell reduces the projector lamp brightness and consumption power, resulting in considerable energy savings. Set the Saver mode time from 1 to 30 minutes, and if the projected image does not change in that time, Saver mode activates. Saver mode can also be activated manually.

**Intelligent Eco Mode**
This feature developed by Maxell automatically changes the brightness of the lamp according to the level of the input signal. Lamp brightness is reduced when a darker image is projected, and returns to normal when a brighter image is projected, eliminating unnecessary energy consumption from the lamp.

**High Reliability and Stability**

**Easy Maintenance**
The lamp door and the filter cover are located on the top and the side, facilitating maintenance and replacement even when the projector is installed on the ceiling.

**Hybrid Filter**
The hybrid filter is composed of an unwoven cloth and a static electrode filter, protecting the optics from dust, dirt, and chalk particles. The filter can last up to 4,000 hours*1 without cleaning.

This is an estimate of the acceleration test performed under the condition of 50mg/m³ suspension dust concentration using JIS (Japanese Industrial Standards) standard powder. Cleaning intervals vary depending on the use environment.

**3LCD chips with Inorganic Alignment Layers**
These Maxell 3LCD projectors incorporate three LCD panels with inorganic alignment layers that are light resistant, increasing brightness and contrast ratio. They provide smooth images and high reliability.

* See the Maxell website for details [http://biz.maxell.com/en/]
An interactive function with enhanced operability and functionality

T Series projector comes with a built-in drawing function allowing you to directly draw and write on the projected screen without a PC.

Directly Draw on the Projected Screen

You can write and draw on images projected from connected devices such as Document camera.

Convenient Painter Tool

Equipped with the Pen, Eraser, Undo, Redo functions. You can also change the pen color and thickness. With the easy-to-use Painter tool bar, you can teach classes smoothly.

Variety Rich Templates

You can conveniently use the interactive function with over 100 pre-installed templates including graphs, Graphic Organizers, Plain Color, and many more.

Finger Touch (Option)

The T Series projector incorporates the optional finger touch unit that enables the projector to detect finger touch activity on the screen area. It allows users to annotate and interact with the material presented. Instead of simply showing static images, students and teachers can interact with on-screen material for material presented. Instead of simply showing static images, students and teachers can interact with on-screen material for material presented. Instead of simply showing static images, students and teachers can interact with on-screen material for material presented. Instead of simply showing static images, students and teachers can interact with on-screen material for material presented.

Auto Calibration

Auto calibration is completed easily and quickly with the remote control. Calibration can be performed and the interactive function can be used on both the 16:10 and 4:3 screen type.

Interactive Software

This product includes a drawing application that offers more sophisticated drawing functions.

Neatly Convert Letters or Figures

You can automatically convert freehand shapes into geometric objects and handwriting into text on the projected image. These operations are easily accomplished with the interactive pen.

Select a Variety of Useful Tools

The interactive pen lets you operate a compass, ruler, protractor, stopwatch and other useful tools on the projected image, making lessons even easier to understand.

Interactive function with over 100 templates and functionality

You can conveniently use the interactive function with over 100 pre-installed templates including graphs, Graphic Organizers, Plain Color, and many more.

Multiple interactive pens

With up to 6 interactive pens pupils can do more than just watch—they can interact with the onscreen content. Let them enjoy providing answers, showing their understanding and becoming involved in lessons as never before.

Windows® multi touch

Windows® 8.1 / 10 multi touch allows users with touch enabled Windows® 8.1 / 10 systems to operate the PC directly from the interactive screen with up to 6 pens or touches* including Windows® 8.1 / 10 gesture. * Optional finger touch unit is required.

System requirements for drawing application

- Windows®
  - CPU: Intel® Core™ i3 or higher
  - HDD: 54GB or more
  - Memory: 2GB or more
  - Display: 1024 x 768 or more
  - OS: Windows® 7 (32/64bit), Windows® 8.1 (32/64bit), Windows® 10 (32/64bit)
  - Network: Internet-connected environment

- Macintosh
  - CPU: Intel® Core™ i3 or higher
  - HDD: 54GB or more
  - Memory: 2GB or more
  - Display: High Color (16bit) or more
  - Network: Internet-connected environment
  - Application: Apple QuickTime® 7.6 or later, Adobe® Flash® Player 18

- Others
  - DVD-ROM drive
  - Video cards supporting hardware overlay
  - Memory: 2GB or more

- Camera
  - CPU: Intel® Core™ i3 or higher
  - Memory: 2GB or more
  - Display: 1024 x 768 or more
  - Application: Adobe® Reader®XI, Adobe® Acrobat® Reader® DC, Adobe® Flash® Player 18
  - Others: DVD-ROM drive

T-series